Data Model for Managing and Preserving Geospatial Electronic Records Version 1.00

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Preface

The Data Model for Managing and Preserving Geospatial Electronic Records identifies and describes the tables and the fields for storing metadata and related information to improve the electronic record-keeping capabilities of systems that support the management and preservation of geospatial data and related electronic records (GERs). This document contains Version 1.00, the initial release of the data model, and includes the description of the data model, the entity-relationship (ER) diagram, the data dictionary, and the crosswalks to standards and other schemas relevant to managing and preserving GERs and other digital objects.

The data model is based on a review of current standards, frameworks, and requirements applicable to managing and preserving GERs. Adoption of the data model or a subset of the tables and fields in a database or metadata schema provides an opportunity to capture the available information to improve capabilities for managing and preserving GERs and other digital objects. Implementation in a database management system used to manage and preserve GERs or other digital objects can provide experience on the utility of the data model and identify aspects of the data model that can improve practices for managing and preserving electronic records. In addition, implementation of the data model could identify aspects of the data model that can be improved to foster the management and preservation of digital objects and collections.

Disclaimer

Organizations and individuals may use the data model or parts of it to improve the management and preservation of digital objects and do so at their own risk. CIESIN, Columbia University, and its sponsors are not liable for any application, use, or misuse of the data model.

Acknowledgement

Version 1.00 of the Data Model for Managing and Preserving Geospatial Records has been developed as part of the project, Managing and Preserving Geospatial Electronic Records, which was supported by the National Historical Publications and Records Commission (NHPRC), under Grant number 2003-038, and conducted by the Center for International Earth Science Information Network (CIESIN), of Columbia University.

Dr. Robert S. Chen, Deputy Director of CIESIN, and Dr. Robert R. Downs, Senior Digital Archivist and Senior Staff Associate Officer of Research at CIESIN, served as the Director and Co-Director, respectively, for the project. Other project team members from CIESIN include Mark Becker, Branko Djapic, Annie Gerard, John Mickelson, and John Scialdone. Additional CIESIN staff members who contributed to the development of the data model include Yitzhak E. Gitelman, W. Christopher Lenhardt, Elisa Maria Lukang, Joachim Schumacher, and Sri Vinayagamoorthy. Many aspects of the data model reflect insights obtained from community members who participated in, "Extending the Boundaries: A Workshop on Managing and Preserving Geospatial Electronic Records", and from the anonymous practitioners who participated in the study of geospatial data management practices (Downs and Chen, in Draft). In addition, the data model design also has benefited from the expertise of the members of the project Advisory Board, listed below.

Project Advisory Board Members

Cheryl Benjamin, Standards/Data Coordination New York State Cyber Security & Critical Infrastructure Coordination

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Description

The Data Model for Managing and Preserving Geospatial Electronic Records contains the tables and fields to describe and to manage geospatial electronic records (GERs), as well as other digital objects, during their entire lifecycle. The data model combines information elements identified from current requirements and standards developed by communities concerned with the management and preservation of GERs and other digital objects. In addition to enabling the description of individual digital objects, the data model offers capabilities for maintaining descriptions about the categories to which objects have been assigned and about the processes and the resources for managing and preserving these digital assets. The data model is designed to inform the development of an information system for managing and preserving geospatial data and related electronic records within collections of digital objects, throughout their lifecycle. Systems that employ the data model or aspects of it also could be used for managing and preserving other kinds of digital and physical records and for maintaining documentation and workflow information for managing multiple collections that require data stewardship and life cycle management.

Scope of the Data Model

The data model is designed to improve capabilities for implementing systems to manage and preserve GERs in small organizations and agencies with limited resources. Tables and fields included in the data model have been identified to support the development of systems that facilitate electronic records management for GERs and other digital objects that need to be managed during their life cycle.

Currently, the primary focus of the data model is to capture information to support archival processes for managing and preserving GERs and other digital objects. In addition to the information offering support for selection, accession, preservation, and disposition, the data model contains semantic units for organizing and managing objects as collections, series, and aggregations. Digital objects managed using the data model can be organized as groups included in particular dissemination instances that are accessible from distributors or registered in catalogs.

Some fields of Version 1.00 of the data model offer capabilities to support finding digital objects as part of data management processes. However, the design of the data model does not optimize capabilities for facilitating data discovery or information retrieval. Version 1.00 of the data model does offer capabilities to describe and manage various documents related to digital objects being managed, including documents containing discovery metadata and guides supporting development and use. In addition to improving capabilities for managing and preserving GERs, subsequent versions of the data model should include enhancements to improve capabilities for discovery, access, and use of managed digital objects.

Data Model Components

The data model includes this descriptive document, an entity-relationship (ER) diagram, a data dictionary, and crosswalks to current standards and requirements. Each of these documents

describes aspects of the data model, which together provide an overview and details about the administrative, preservation, and descriptive metadata elements and the supporting workflow information identified for inclusion in the design of a system being developed to manage and preserve geospatial data and related electronic records.

Entity-Relationship Diagram Organization

The Entity-Relationship (ER) diagram graphically represents the relationships between the tables and fields contained in the data model. Within the ER Diagram, thirty-nine tables are organized into the following five color-coded clusters for managing digital objects:

- o Provenance and Attributes,
- o Organization,
- o Distribution,
- o Administration, and
- o Physical Properties

Within each cluster of the ER Diagram, boxes represent tables and lines represent relationships between tables. The label for each table appears above the box representing the table. Each table contains a list of field titles to indicate the kind of information that may be stored in each field. The field that serves as the primary key for a table appears at the top of the list of fields, separate from the other fields.

Data Dictionary Overview

The data dictionary defines and describes the tables and fields included in the data model. Each table contains a title and a description. Each table also lists the fields contained within it, providing a title, a definition, and a data type for each field. The primary key and any foreign keys also are described within each table of the data dictionary. The definition of each field contained within the tables describes the information that can be stored in the field to support the management of digital objects.

The fields of the data model can be used to describe aspects of administrative, preservation, and discovery metadata for each digital object and each category of objects accessioned into a managed collection. The fields also can describe some of the processes and resources employed to treat individual digital objects. A database management system that contains such field could facilitate capturing, maintaining, and reporting information on the status of the digital objects and categories controlled by workflow processes established to manage and preserve digital assets.

Using these fields and tables, digital objects described by the model can be organized into aggregations, series, and collections. Each aggregation can include one or more digital objects. Each series can include one or more aggregations and each collection can include one or more series. Objects also can be organized in groups associated with a particular dissemination. In addition, multiple objects can be described as being stored on an instance of storage media housed at a specific location.

Description of Crosswalks

Crosswalks identify fields of the data model that correspond to fields described in current standards, requirements, and other data models that are pertinent to the management and preservation of geospatial data, electronic records, and digital objects. The crosswalks to these schemas identify similarities found between definitions for fields of the data model and definitions of elements in the schemas. Each crosswalk identifies fields of the data model that are mapped to the required and optional elements included in a particular schema. The crosswalks represent interpretations of similarities between individual field definitions and do not imply compliance or conformance of the data model with a particular schema. Matched fields indicate the potential for use that could be consistent with the schema.

Crosswalks for the data model describe potential compatibility with standards and other schemas that are applicable to electronic records management and digital preservation. In each crosswalk, similar definitions or potential for consistency between fields of the data model and one or more elements of a schema have been identified by including the name of each element on the same row as the field. Table 1 lists the standards and other schemas that have been matched to the data model in crosswalks.

Table 1. Standards and Other Schemas Matched to the Data Model in Crosswalks

Cabinet Office, Office of the Envoy. *e-Government Metadata Standard Version 3.0*, April 29, 2004. Available Online: http://www.govtalk.gov.uk/schemasstandards/metadata.asp

Cornwell Management Consultants plc. *Model Requirements for the Management of Electronic Records: MoReq.* IDA Programme of the European Commission. March 2001. Available Online: http://www.cornwell.co.uk/moreq.html

Department of Defense Records Management Program. DOD 5015.2-STD Design Criteria Standard for Electronic Records Management Software Applications. Washington, DC. June 19, 2002. Available Online: http://jitc.fhu.disa.mil/recmgt/standards.html

Dublin Core Metadata Initiative. *Dublin Core Metadata Initiative Metadata Terms*. Adopted as Information and documentation – The Dublin Core metadata element set (ISO 15836:2003) and as The Dublin Core Metadata Element Set (ANSI/NISO Z39.85-2001). 2003. Available Online: http://www.dublincore.org/

National Library of Australia. *Preservation Metadata for Digital Collections: Exposure Draft*. October 15, 1999. Available Online: http://www.nla.gov.au/preserve/pmeta.html

National Library of New Zealand. *Metadata Standards Framework, Preservation Metadata*. June 2003. Available Online:

http://www.natlib.govt.nz/files/4initiatives_metaschema_revised.pdf

Online Computer Library Center (OCLC) and Research Libraries Group (RLG). *Data Dictionary for Preservation Metadata: Final Report of the PREMIS Working Group*. May 2005. http://www.oclc.org/research/projects/pmwg/premis-final.pdf

The crosswalks provide opportunities for comparing the data model to other data models and standards. Crosswalks can be informative when using the data model to design a database or schema that is compliant, compatible, or interoperable with other standards. A particular

crosswalk could be used to achieve interoperability with another system that complies with a particular standard. The crosswalks also identify fields that might be improved to comply with a particular schema. Identifying common compatibilities with schemas also can facilitate transfer of objects between systems. In addition, the crosswalks facilitate potential interoperability by identifying fields with values that can be exported to catalogs harvested by other services.

The data model also accommodates standards or schemas, regardless of whether the elements are mapped in a crosswalk to the data model. Fields within the Document table of the data model can be used to describe documents containing descriptive information or documentation about a digital object. Specifications for the standard or schema to which each document conforms can be maintained within these fields to facilitate subsequent processes on the information contained within such documents.

Implementation

The tables and fields of the data model could be included in a database management system that is integrated as part of a digital repository system for managing and preserving GERs and other digital objects within collections. Fields specified within the data model also could be included in a database that provides access to record-keeping information or related metadata describing GERs that have been created or acquired by an organization or agency.

The data model offers flexibility for implementation to accommodate the unique needs of each organization choosing to apply the model for managing and preserving GERs and other digital objects throughout their entire life cycle. The entire data model or selected tables and fields can be included in the design of a database management system developed to manage geospatial data and other scientific data or electronic records. The tables and fields of the data model define specific information to be captured for data management are applicable for inclusion in a database or in a schema for describing GERs and other digital objects within collections being managed. Even though the ER diagram of the data model suggests implementation in a relational database management system, implementation of the data model could employ other types of database management systems or alternative system architectures.

The flexibility of the data model and consistency with the evolving standards, frameworks, and other models identified enables implementers to establish specific implementation details that reflect the plans and requirements of the organization. The data model could be implemented as a stand-alone database management system designed to serve only as a record-keeping system for managing information about the contents and the status of digital objects and collections managed or it could be implemented in a database management system that is part of an integrated digital repository system providing access to objects for management, preservation, and even public dissemination. Integrating information stored in the database with the contents of the data stored in one or more digital repositories could facilitate the development of a system for managing GERs as part of a digital archive or an electronic records management system, digital asset management system, or content management systems to support the stewardship of digital objects. Regardless of the type of information system established for managing and preserving digital objects, implementation of the data model also could provide electronic-

record-keeping capabilities to support the stewardship of physical objects, such as printed media or other artifacts that could be associated with digital objects.

Organizations that have decided to implement a record-keeping system or a records management system that is consistent with a particular standard may employ the data model to identify fields to be considered for inclusion in the implementation. Definitions for each field should be reviewed and modified if necessary, to ensure that each field meets the particular internal needs or the organization as well as to ensure that each field will be compliant with any current standards that may be adopted. Similarly, the values included with a field description definition should serve as examples of the kinds of values to be considered for populating the field.

Independent of the implementation architecture, labor concerns associated with the population of fields should not dictate the selection of fields to be included in an implementation. Fields identified as necessary for a specific process can be designated as mandatory, enabling priorities for implementation. In addition, automating data management and preservation processes for the population of selected fields could improve efficiency and reduce the potential for human error.

Sources

The data model is based on a review of current standards, requirements, and examples that identify metadata and other information relevant for inclusion in systems for managing and preserving GERs, digital objects, and digital collections. These sources have been reviewed to identify information elements that have the potential for implementation in a system to support data stewardship and electronic records management. Elements also were included if they corresponded to needs identified in the study of practitioners concerned with managing and preserving geospatial electronic records (Downs & Chen, in preparation). In addition, many of the elements were identified to support plans, polices, and procedures of the Columbia University Center for International Earth Science Information Network (CIESIN), which serves as a data center for programs and projects that each have their own collections with individual requirements for data management.

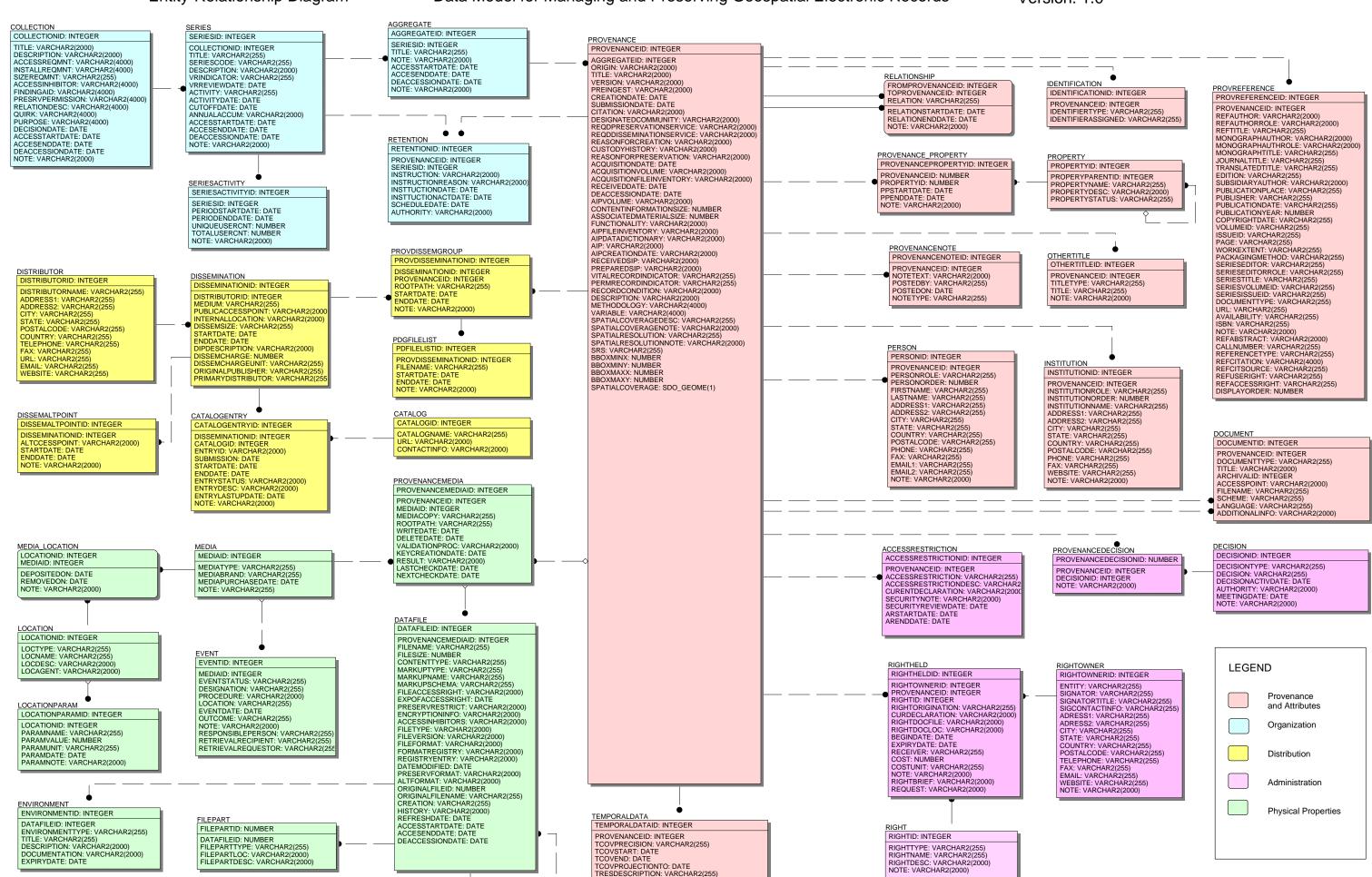
Fields of the data model are derived or adopted from elements and concepts identified from these sources. Many concepts that are common among these sources have been adopted for inclusion in the tables and fields of the data model. In addition, some concepts included in the data model may not currently appear in any of these sources, but have been identified to capture information that is necessary to serve a particular purpose.

The titles and definitions of fields and tables of the data model are consistent with those found in the elements of the sources reviewed. In many cases, titles have been established for the tables and fields of the data model to reflect common usage among the sources reviewed. For example, a field with the title City may be found in many databases and metadata schemas as part of the information to describe an address. Standards, requirements, and other schemas that have been reviewed to inform the design of the data model are listed in the References section.

Entity-Relationship Diagram

Data Model for Managing and Preserving Geospatial Electronic Records

Date: June 20, 2005



Data Dictionary

Collection Table

Collection describes a logical unit that consists of one or more series.

CollectionID	Database generated, Primary Key	Integer not
	,	null
Title	Title for a Collection: CIESIN Archive, SEDAC Scientific Data	String
	Archives, specific project Archive.	_
Description	Description of the collection and keywords.	String
AccessReqmnt	Requirements for accessing the collection: Object Specific Requirements,	String
	CMB Approval, Systems Manager Approval.	
InstallReqmnt	Requirements for installation of collection	String
SizeReqmnt	Storage volume requirement for collection, automatically calculated.	String
AccessInhibitor	Method(s) employed to inhibit access to collection that could affect	String
	preservation, such as encryption or watermarking.	
FindingAid	Method used to facilitate discovery of collection.	String
PresrvPermission	Statement of permission to copy collection or migrate to various formats	String
	for preservation.	
RelationDesc	Description of relationships, relevant for preservation, between collection	String
	and other objects or collections.	
Quirk	Characteristic that could degrade functionality or aspects of the	String
	collection.	
Purpose	Purpose and reason for archiving the collection: Funding Agency	String
	Requirement; Scientific Value; Historical value; Fiduciary responsibility.	
DecisionDate	Date of decision to archive the collection.	Date
AccessStartDate	Date access was provided to collection.	Date
AccessEnDate	Date when access to collection ended.	Date
DeaccessionDate	Date collection was deaccessioned by archive.	Date
Note	Notes about collection.	String

Series Table

Series describes a logical unit that is part of a collection and consists of one or more aggregates.

SeriesID	Database generated, Primary Key	Integer not
		null
CollectionID	Foreign Key, Collection Table	Integer not
		null
Title	Title of a record series category within a Collection: CIESIN	String
	Administrative Records, CIESIN Records Common to All Projects,	
	CIESIN Scientific Data, SEDAC Operations Records, SEDAC Active	
	Archive, SEDAC Long-Term Archive.	
SeriesCode	Unique identifier for the record category: SEDAC Active Archive,	String
	SEDAC Long-Term Archive, CIESIN Archive, Series 100 CIESIN	
	Records, Series 500 CIESIN Records, Series 600 SEDAC Operations	
	Records, Series 700 SEDAC Active Archive, Series 800 Series Long-	
	Term Archive.	
Description	Description of the series and keywords.	String
VRIndicator	Category of vital records, if applicable, for the series: Non-Vital Records,	String
	Emergency - Operating Records, Legal or Financial Rights, Emergency	
	and Rights Records.	
VRReviewDate	Date of next review of vital records in series.	Date
Activity	Level of use for series, assignment based on SeriesActivity.	String
ActivityDate	Date when activity for the series was reviewed and assigned.	Date
CutoffDate	Date to cutoff records in series.	Date
AnnualAccum	Estimate of annual accumulation of records in series.	String
AccessStartDate	Date when access to series began.	Date
AccessEndDate	Date when access to series ended.	Date
DeaccessionDate	Date of deaccession for all records in series.	Date
Note	Notes about the series.	String

SeriesActivity TableSeriesActivity describes usage activity for a series during a given period that may be collected from web server logs,

system or application statistics, or similar sources.

SeriesActivityID	Database generated, Primary Key	Integer not
		null
SeriesID	Foreign Key, Series Table.	Integer not
		null
PeriodStartDate	Date series activity period began.	Date
PeriodEndDate	Date series activity period ended.	Date
UniqueUserCnt	Number of unique users of series during period.	Integer
TotalUserCnt	Total number of users of series during period.	Integer
Note	Notes about series activity for a given period.	String

Aggregate Table

Aggregate describes a logical unit of objects organized within a series.

AggregateID	Database generated, Primary Key	Integer not
		null
SeriesID	Foreign Key, Series Table	Integer not
		null
Title	Title of Aggregate category assignment. For SEDAC Scientific Data	String
	Series mission areas: PLUE, ENTRI, EH, MVA, HVA, PFS, ES, EX, IG.	_
AccessStartDate	Date access to aggregate began.	Date
AccessEnDate	Date when access to aggregate ended.	Date
DeaccessionDate	Date of deaccession for all records in aggregate.	Date
Note	Notes about Aggregate.	String

Provenance Table

Provenance describes the history and changes that occur during the entire lifecycle of an object and includes information to facilitate discovery within the system.

ProvenanceID Database generated, Primary Key Integer not null Integer not Foreign Key, Aggregate Table AggregateID null Origin Description of the creation process of the object. String Title Formal Title that identifies or describes the object. String Identification to differentiate object from other versions. Version String Description of pre-ingest processing and custody of object. PreIngest String Date object was completed by Author. Date CreationDate SubmissionDate Date object was submitted to the archive for ingest. Date Citation Complete citation for object. String DesignatedCommunity Description of designated community of users, potential String users, or audience for the object: Human interactions in the environment community, Decision-maker, Learner, Manager, Scientist, Teacher. ReqdPreservationService Level of preservation service or preservation plan requested String by submitter or data provider: Preserve Original Formats; Preserve Content in Supported Formats. ReqdDisseminatnServce Level of dissemination service or dissemination plan String requested by submitter or data provider: Restricted dissemination. Public Dissemination. ReasonForCreation Reason or purpose for creating the described object. String CustodyHistory Chain of custody of object prior to ingest into archive. String ReasonForPreservation Justification for selecting object for preservation in archive. String AcquisitionDate Date original object was acquired by archive. Date **AcquisitionVolume** Volume of original object acquired by archive. String AcquisitionFileInventory List of all files in original object acquired by archive. String ReceivedDate Date object received by the Archivist. Date DeaccessionDate Date the object was deaccessioned from archive. Date AIPVolume Total Size of the Archival Information Package created by the String archive to preserve the Content Information and Associated Material ContentInformationSize Size of Content Information of the Archival Information Integer Package in Bytes. AssociatedMaterialSize Size of material associated with the Content Information of Integer the AIP in Bytes. Description of any functional characteristics of the object. **Functionality** String

AIPFileInventory	List of all filenames and sizes organized by the directory	String
	structure.	
AIPDataDictionary	List of each filename in object with title of document or	String
	description for each file, including alternate formats.	
AIP	All the files within their preservation structure, containing	String
	Content Information and Associated Information that has	
	been transformed by the Archive for preservation (location in	
	system if dbms is part of the repository).	
AIPCreationDate	Date archive created Preservation Master for Archival	String
	Information Package.	
ReceivedSIP	All of the files (within their original structure) received from	String
	the provider in the Submission Information Package (SIP)	
	containing the Content Information and all Associated	
	Information for the original object acquired (stored in system	
	if dbms is part of the repository).	
PreparedSIP	All of the files (within their preservation structure),	String
	containing the Content Information and the Associated	
	Information that have been prepared by the Archive for	
	submission to another Archive or Collection (stored in system	
	if dbms is part of the repository).	
VitalRecordIndicator	Vital Record status of object: Non-Vital Record, Emergency -	String
	Operating Record, Legal or Financial Rights Record,	
	Emergency and Rights Record.	
PermRecordIndicator	Indicator that the record is a Permanent Record: N, Y.	String
RecordCondition	Condition of record.	String
Description	Description of the intellectual content of the object.	String
Methodology	Instruments and techniques used to create the data.	String
Variable	Variables, layouts, and codes used to describe the data.	String
SpatialCoverageDesc	Political or geographical description of spatial coverage.	String
SpatialCoverageNote	Latitude and longitude covered, if available.	String
SpatialResolution	Spatial Resolution.	String
SpatialResolutionNote	Notes on the spatial resolution of the object.	String
SRS	Spatial Reference System used for spatial resolution.	String
BBoxMinX	Minimum X Coordinate (Longitude) for the Bounding Box.	Number
BBoxMinY	Minimum Y Coordinate (Latitude) for the Bounding Box.	Number
BBoxMaxX	Maximum X Coordinate (Longitude) for the Bounding Box.	Number
BBoxMaxY	Maximum Y Coordinate (Latitude) for the Bounding Box.	Number
SpatialCoverage	If database supports native spatial data types, this field should	Database
- 5	be used to store actual shape of spatial coverage.	specific

Retention Table

Retention describes the retention schedule and instructions for the provenance of either an object or a series.

RetentionID	Database generated, Primary Key	Integer not
		null
ProvenanceID	Foreign Key, Provenance Table, if retention relates to provenance.	Integer not
		null
SeriesID	Foreign Key, Series Table, if retention relates to series.	Integer not
		null
Instruction	Instructions for retention or disposition of record or series: Review every	String
	Five Years, Retain Indefinitely, Freeze, Transfer to LTA, Retire, Destroy.	
InstructionReason	Justification for retention instructions on record or series.	String
InstrctionDate	Date instructions were decided for record or series.	Date
InstrctionActDate	Date instructions are to be executed for record or series.	Date
ScheduleDate	Date record or series will be reviewed.	Date
Authority	Name of individual or group deciding on instructions for record or series:	String
	SEDAC UWG, LTA Board.	

TemporalData Table

TemporalData describes temporal aspects of the information in an object and can cover one or more time periods.

TemporalDataID	Database generated, Primary Key	Integer not null
ProvenanceID	Foreign Key, Provenance Table	Integer not null
TCovPrecision	Precision of data used to describe temporal coverage: Year, Month, Day.	String
TCovStart	Start date for data collection.	Date
TCovEnd	End date for data collection.	Date
TCovProjectionTo	Date of temporal coverage projection to a future date.	Date
TresDescription	Description of temporal resolution, time intervals between successive	String
	observations, frequency of granule production.	

Relationship Table

Relationship describes a relationship between two provenances, in the form *FromProvenanceID* - *Relation* – *ToProvenanceID*, for example: 1289 - is *Derivative* of - 158.

FromProvenancID	Foreign Key, Provenance Table, part of Primary Key	Integer not
		null
ToProvenanceID	Foreign Key, Provenance Table, part of Primary Key	Integer not
		null
Relation	Part of Primary Key. Type of relationship: Subset, Superset, Derivative,	String
	Source, Extract, Version, Release, Edition, Integrates Parts, Compliment.	
RelationStartDate	Date relationship began.	Date
RelationEndDate	Date relationship ended.	Date
Note	Note about the relationship.	String

Identification TableIdentification describes unique identifiers assigned by an authority to the provenance of an object.

IdentificationID	Database generated, Primary Key	Integer not
		null
ProvenanceID	Foreign Key, Provenance Table	Integer not
		null
IdentifierType	Type of identifier for which the object has been assigned a unique ID:	String
	Global Identifier, TDB ID, UMDB Rec #, DOI, ISBN.	
IdentifierAssigned	Unique Identifier assigned to an object for an identifier type.	String

ProvReference Table

ProvReverence describes a work that references the provenance of an object.

ProvReferenceID	Database generated, Primary Key	Integer not
		null
ProvenanceID	Foreign Key, Provenance Table	Integer not
		null
RefAuthor	Names of authors of reference work.	String
RefAuthorRole	Role of authors of reference work (Eds.)	String
RefTitle	Title of reference work.	String
MonographAuthor	Author names of monograph containing reference work.	String
MonogrAuthRole	Role of authors of monograph containing reference work (Eds.)	String
MonographTitle	Title of monograph containing reference work.	String
JournalTitle	Title of journal containing reference work.	String
TranslatedTitle	English translation of title if in another language.	String
Edition	Edition identifier of monograph containing reference work.	String
SubsidiaryAuthor	Names of subsidiary authors if author is an institution.	String
PublicationPlace	Location where reference work is published.	String
Publisher	Name of reference work publisher.	String
PublicationDate	Date reference work was published.	String
PublicationYear	Year when reference work was published.	Integer
CopyrightDate	Date of copyright for reference work.	String
VolumeID	Volume identifier of reference work.	String
IssueID	Issue identifier of reference work.	String
Page	Range of pages of reference work.	String
WorkExtent	Total number of pages of reference work.	String
PackagingMethod	Public accessibility of reference work.	String
SeriesEditor	Editor of series containing reference work.	String
SeriesEditorRole	Role of Editor for series containing reference work.	String
SeriesTitle	Title of series containing reference work.	String
SeriesVolumeID	Volume identifier for series containing reference work.	String
SeriesIssueID	Issue identifier for series containing reference work.	String
DocumentType	Type of reference work. Ex: Journal, Book, Proceedings	String
URL	URL of text or full reference of reference work.	String
Availability	File path or file cabinet if stored, or blank if not available.	String
ISBN	ISBN number for reference work.	String
Note	Note about reference work.	String
RefAbstract	Abstract of reference work.	String
CallNumber	Identifier in classification system (LOC, Dewey, or other).	String
ReferenceType	Use of object by reference work. Ex: Report,	String
RefCitation	Complete bibliographic reference for reference work.	String
RefCitSource	Citation database or service listing reference and date found.	String
RefUseRight	Right or permission to use reference work, citation, or abstract.	String
RefAccessRight	Right/permission to access or link reference work, citation or abstract.	String
DisplayOrder	Order in which reference work will appear in reference list.	Integer Default
		1 not null

Property Table

Property describes a property, grouped as parent-child relations, which can be assigned to a provenance.

PropertyID	Database generated, Primary Key	Integer not
		null
PropertyParentID	Foreign Key, Property Table	Integer not
		null
PropertyName	Name of the property describing an object: Ingest Status, Ingest	String not null
	Format Processing, Significant Property, DCMI Type, Document	
	Type, Content Type, Subject, Language. For Ingest Status: Under	
	Development by Creator, Being Prepared for Submission, Received by	
	Archivist, Content Review Pending, Content Under Review by	
	Archivist, Content Review Complete, Description Pending,	
	Description Under Review, Description Complete, DOI Assigned,	
	Quality Review Pending, Quality Review Complete, Failed Content	
	Quality Review. Rejected - Data Returned to Creator, Ingested,	
	Destroyed; For Ingest Format Processing: All files Ingested in	
	Supported Formats, Original Non-Supported Formats Only, Original	
	formats and All Files Migrated to Supported Formats; For Significant	
	Properties: Intellectual Content of Text, intellectual content of image;	
	For DCMI Type: Collection, Dataset, Event, Image, Interactive	
	Resource, Moving Image, Physical Object, Service, Software, Sound,	
	Still Image; For Document Type (ISO 19115 Document Type):	
	PresentationFormCode: documentDigital, documentHardcopy,	
	imageDigital, imageHardcopy, mapDigital, mapHardcopy,	
	modelDigital, modelHardcopy, profileDigital, profileHardcopy,	
	tableDigital, tableHardcopy, videoDigital, videoHardcopy; Content	
	Type: Data, Documentation, Permission; Subject thesaurus or	
	controlled vocabulary; Language: English, Spanish.	
PropertyDesc	Description of a property.	String
PropertyStatus	Current status of the property: Valid, Not in Use.	String

ProvenanceProperty Table

ProvenanceProperty describes a property pertaining to the provenance of an object. Normally, the lowest level child of the parent-child relationship is associated with a property. For example, a provenance can be linked to the child,

"Received by Archivist", in the context of the parent, "Ingest Status".

ProvenancePropertyID	Database generated, Primary Key	Integer not
		null
ProvenanceID	Foreign Key, Provenance Table	Integer not
		null
PropertyID	Foreign Key, Property Table	Integer not
		null
PPStartDate	Date when property began	Date
PPEndDate	Date when property ended.	Date
Note	Note about property as it pertains to a particular provenance.	String

ProvenanceNote Table

ProvenanceNote describes a note about the provenance of an object.

ProvenanceNoteID	Database generated, Primary Key	Integer not
		null
ProvenanceID	Foreign Key, Provenance Table	Integer not
		null
NoteText	Note about the provenance of an object.	String not null
PostedBy	Person who posted the note about the provenance of an object.	String
PostedOn	Date the note was posted.	Date
NoteType	Type of provenance note: Accession, Maintenance, Disposition.	String

OtherTitle Table

OtherTitle describes another title that has been assigned to the provenance of an object.

OtherTitleID	Database generated, Primary Key	Integer not null
		nun
ProvenanceID	Foreign Key, Provenance Table	Integer not
		null
TitleType	Alternate Title, Former Title	String not null
Title	Other title of an object.	String
Note	Note about the other title of an object.	String

Person Table

Person describes a person serving in a role of responsibility or authority for an object.

PersonID	Database generated, Primary Key	Integer not
		null
ProvenanceID	Foreign Key, Provenance Table	Integer not
		null
PersonRole	Role of responsible person: Author, Contributor, Recipient, Internal	String not null
	Contact, Accessioner, Originating Organization Technical Contact,	
	Originating Organization Program Contact, Environment Manager,	
	Security Official.	
PersonOrder	Order in which person will appear in a Person Role list, if sorted.	Integer default
		1 not null
FirstName	First name of person.	String
LastName	Last name of person.	String not null
Address1	Line 1 of person address.	String
Address2	Line 2 of person address.	String
City	City of person.	String
State	State of person.	String
Country	Country of person.	String
PostalCode	Postal code address for person.	String
Phone	Telephone number for person.	String
Fax	Fax number for person.	String
Email1	Primary e-mail address for person.	String
Email2	Second e-mail address for person.	String
Note	Note about person.	String

Institution Table

Institution describes an institution that is responsible for some aspect of an object.

InstitutionID	Database generated, Primary Key	Integer not
		null
ProvenanceID	Foreign Key, Provenance Table	Integer not
		null
InstitutionRole	Role of institution for object. Originating Organization, Program Support.	String not null
InstitutionOrder	Order in which the institution will appear on an institution role list If higher	Integer default
	priority has been assigned.	1 not null
InstitutionName	Name of institution.	String not null
Address1	Line 1 of institution address.	String
Address2	Line 2 of institution address.	String
City	City of institution.	String
State	State of institution.	String
Country	Country of institution.	String
PostalCode	Postal code for institution address.	String
Phone	Telephone number for institution.	String
Fax	Fax number for institution.	String
Website	Website URL for institution.	String
Note	Note about institution.	String

Document Table

Document describes a document that contains descriptive documentation for an object.

DocumentID	Database generated, Primary Key	Integer not
		null
ProvenanceID	Foreign Key, Provenance Table	Integer not
		null
DocumentType	Type of document describing the object: User Manual, User Guide,	String
	Variable List, Codebook, Data Layout, Parameter List, User Notes, File	
	Inventory, Installation Instructions, Splash Page.	
Title	Title of document describing the object.	String not null
ArchivalID	Identifier of the document if recorded as a provenance.	Integer
AccessPoint	URL of access point that disseminates document (http://; ftp://).	String
FileName	Filename of the document.	String
Scheme	Encoding scheme for the document. MARC, EAD, VRA, DC, NISOIMG,	String
	LC-AV, TEIHDR (Text Encoding Initiative Header), DDI, FGDC-STD-	
	001-1998, FGDC CSGDM, DIF, ISO 19115, NY State Clearinghouse,	
	Metalite, IEEE LOM, ESRI, Unknown.	
Language	Language in which the document is written: English, Spanish.	String
AdditionalInfo	Additional information about the document.	String

Distributor Table

Distributor describes an entity that serves as a distributor for a dissemination of one or more objects.

DistributorID	Database generated, Primary Key	Integer not
		null
DistributorName	Name of the service that distributes a dissemination of an object: CIESIN,	String not null
	Columbia Earth Institute, SEDAC, SEDAC LTA.	
Address1	Line 1 of distributor address.	String
Address2	Line 2 of distributor address.	String
City	City of distributor.	String
State	State of distributor.	String
PostalCode	Postal Code of distributor.	String
Country	Country of distributor.	String
Telephone	Telephone number of distributor.	String
Fax	Fax number of distributor.	String
URL	URL of distributor.	String
Email	Email address of distributor.	String
Website	Website of distributor.	String

Dissemination Table

Dissemination describes the dissemination of a particular instance of one or more objects.

DisseminationID	Database generated, Primary Key	Integer not
		null
DistributorID	Foreign Key, Distributor Table	Integer not
		null
Medium	Primary data storage medium for distributing object from dissemination	String
	service: CD-ROM, DVD, URN, URL, FTP.	
PublicAccessPoint	Primary Access Point for distributing object to the public from	String
	dissemination service (http://; ftp://).	
InternalLocation	Path and folder name of location from which object is distributed from	String
	internal dissemination service.	
DissemSize	Size of object disseminated in Bytes	Integer
StartDate	Date dissemination service began disseminating object.	Date
EndDate	Date dissemination service discontinued disseminating object.	Date
DIPDescription	File Inventory of all files included in the Dissemination Information	String
	Package (DIP) submitted to dissemination service for distribution.	
DissemCharge	Amount received from dissemination service for distributing object.	Number
DissemChargeUnit	Monetary unit of DissemCharge.	String
OriginalPublisher	Flag indicating that dissemination is by Original Publisher: N, Y.	String
PrimaryDistributor	Flag indicating that dissemination is by Primary Distributor: N. Y.	String

DissemAltPoint Table

DissemAltPoint describes the alternate access point(s) for a dissemination.

DissemAltPointID	Database generated, Primary Key	Integer not null
DisseminationID	Foreign Key, Dissemination Table	Integer not
		null
AltAccessPoint	Alternate access point disseminating object (http://; ftp://).	String
StartDate	Date started disseminating object at alternate access point.	Date
EndDate	Date stopped disseminating object at alternate access point	Date
Note	Note on alternate dissemination point.	String

ProvDissemination Table

ProvDissemination identifies provenances of objects included in a particular dissemination.

ProvDisseminationID	Database generated, Primary Key	Integer not null
DisseminationID	Foreign Key, Dissemination Table, part of Alternate Key	Integer not null
ProvenanceID	Foreign Key, Provenance Table, part of Alternate Key	Integer not null
RootPath	Directory path where object is disseminated within group.	String
StartDate	Date object began being disseminated within group.	date
EndDate	Date object no longer disseminated within group.	date
Note	Note on object dissemination within group.	String

PDFileList Table

PDFileList describes the list of files included in a dissemination. Generally, all files will not be included in a

particular dissemination.

PDFileListID	Database generated, Primary Key	Integer not null
ProvDisseminationID	Foreign Key, ProvDissemination Table	Integer not null
FileName	Name of the file listing files disseminated in dissemination.	String
StartDate	Date the listed files were included in dissemination.	date
EndDate	Date the listed files were no longer in dissemination.	date
Note	Note about the list of files included within dissemination.	String

Catalog Table

Catalog describes a catalog service in which a dissemination is described or registered.

CatalogID	Database generated, Primary Key.	Integer not
		null
CatalogName	Name of the catalog where an object is registered: SEDAC, CIESIN, EDGRS, ESIP, DLESE, NSDL.	String
URL	URL of the catalog where an object is registered.	String
ContactInfo	Contact information for a catalog where an object is registered.	String

CatalogEntry Table

CatalogEntry describes the entry in a catalog for the dissemination of one or more objects.

CatalogEntryID	Database generated, Primary Key.	Integer not
		null
DisseminationID	Foreign Key, Dissemination Table.	Integer not
		null
CatalogID	Foreign Key, Catalog Table.	Integer not
		null
EntryID	Unique Identifier in the catalog for the record describing the object.	String
Submission	Date description of entry was submitted to a catalog.	Date
StartDate	Date catalog entry was available.	Date
EndDate	Date catalog entry was no longer available.	Date
EntryStatus	Status of catalog entry: None, Partial, Complete, Removed.	String
EntryDesc	Description of the dissemination included in the fields of the entry.	String
EntryLastUpdate	Date of the last update to the catalog entry for the object.	Date
Note	Note about the catalog entry for an object.	String

Location Table

Location describes the physical location where archival media is being housed.

LocationID	Database generated, Primary Key	Integer not
		null
LocType	Type of location. Onsite Offline Archive, Offsite Offline Archive, Onsite	String
	Processing, Onsite Network, Onsite Storage Shelves.	
LocName	Name of the Location. CIESIN Archival Facility, GISS Computer Room,	String
	Geoscience Computer Room, Geoscience Storage Room.	
LocDesc	Description of the archival facilities at the location.	String
LocAGENT	Name of the individual responsible for the location.	String

LocationParam Table

LocationParam describes conditions measured at a location.

LocationParamID	Database generated, Primary Key	Integer not null
I (ID		-
LocationID	Foreign Key, Location Table	Integer
ParamName	Name of the parameter measured at the location: Temperature, High	String
	Temperature, Low Temperature, Humidity, High Humidity, Low	
	Humidity, Inventory, Recovery Test.	
ParamValue	Value of the parameter measured at the location.	Number
ParamUnit	Unit of measurement for recorded value measured at location: Degrees	String
	Fahrenheit, Percentage.	
ParamDate	Date and time of measurement.	Date
ParamNote	Note on instrument or parameter measured.	String

Media Table

Media describes archival media that is used to store objects.

111cata describes arem var media mar is asea to store objects.		
MediaID	Database generated, Primary Key	Integer not
		null
MediaType	Type of media used: CD-ROM, CD-R, DVD-R, DVD+R, Print.	String
MediaBrand	Brand of the media: TDK 700 MB 48x Data CD-R.	String
MediaPurchaseDate	Date the media was purchased.	Date
Note	Note about the media.	String

MediaLocation Table

MediaLocation describes each instance of archival media housed at a particular location.

LocationID	Database generated, Primary Key	Integer not null
MediaID	Foreign Key, Media Table	Integer not null
DepositedOn	Date the archival media was deposited at the location.	Date
RemovedOn	Date the archival media was removed from the location.	Date
Note	Note about the archival media housed at a location.	String

Event Table

Event describes an event for an object stored on an instance of archival media.

EventID	Database generated, Primary Key	Integer not null
MediaID	Foreign Key, Media Table	Integer
EventStatus	Status of the event: Complete, Scheduled, Postponed.	String
Designation	Name of the event: Deposit, Inventory, Audit, Inspection, Virus Check,	String
	Media Write, Quality Check, Format Conversion, Removal, Check Out,	
	Bring Forward, Media Request, Media Destruction.	
Procedure	Procedure completed on media during an event.	String
Location	Location where the event occurred.	String
EventDate	Date and time of event.	Date
Outcome	Description of the event outcome.	String
Note	Note about the event.	String
ResponsiblePerson	Individual responsible for the event.	String
RetrievalRecipient	Individual who received the media.	String
RetrievalRequestor	Individual who requested the media.	String

ProvenanceMedia Table

ProvenanceMedia lists and describes provenances stored on an instance of media. More than one provenance copy can be stored on a single media.

can be stored on a sing		
ProvenanceMediaID	Database generated, Primary Key	Integer not
		null
ProvenanceID	Foreign Key, Provenance Table	Integer
MediaID	Foreign Key, Media Table	Integer not null
MediaCopy	Instance of object stored on media: Preservation Master, Security	String
	Master, Duplication Master, Access Service Copy.	
RootPath	Path and directory of the object on the media.	String
WriteDate	Date the object was written on the media.	Date
DeleteDate	Date the object was deleted from the media.	Date
ValidationProc	Signature type used to generate validation key: MD5, SHA-1.	String
KeyCreationDate	Date validation key was generated.	Date
Result	Hash value, filename, or path and filename of stored validation	String
	signature.	
LastCheckDate	Date validation key generated and compared with original.	Date
NextCheckDate	Date scheduled for validation key comparison.	Date

DataFile Table

DataFile describes aspects of a data file for a provenance copy stored on a particular media.

DataFileID	Database generated, Primary Key	Integer not
		null
ProvenanceMediaID	Foreign Key, ProvenanceMedia Table	Integer
FileName	Name of the file including its extension.	String
FileSize	Size of the file in bytes.	Integer
ContentType	Type of content in the file: Data, Documentation, Permission, Startup.	String
MarkupType	Type of Markup used to encode contents of file: HTML, SGML, XML.	String
MarkupName	Name of schema and version employed for the MarkupType: TEI DTD, W3C XML.	String
MarkupSchema	Contents of schema used for the Markup Type.	String
FileAccessRight	Access rights or limitations specific to file: Universal Access - unrestricted, Research Use Only, Educational Use Only, Research and Educational Use Only, Non-Commercial Use Only, On-Site Use Only, Signed Confidentiality Agreement Only, Staff Only, Staff Addresses Only, Licensees Only, Domestic IP Addresses Only, No Online Access, No Access Allowed Pending Further Evaluation.	String
ExpofAccessRight	Date access rights or restrictions specific to file expire.	Date
PreservRestrictn	Preservation rights or limitations for preserving file.	String
EncryptionInfo	Description of encryption employed on file.	String
AccessInhibitors	Inhibitors to access inherent to the file: Password protection, AAA	String
7 ICCCSSIMMOROTS	watermark.	String
FileType	MIME Media Type for file in format, Content Type/Subtype: application/pdf, audio/mpeg, image/tiff, message/http, model/vrml, multipart/signed, text/html, video/mpeg.	String
FileVersion	Version of the MIME Media Type.	String
FileFormat	Software program used to create the file: Microsoft Word 2000, Microsoft Excel 2000.	String
FormatRegistry	Registry to identify the software program used to create or view the file: Pronom.	String
RegistryEntry	Unique identifier in the Format Registry for the file format.	String
DateModified	Last date and time when file was written or modified.	Date
PreservFormat	File format is a preservation format: Y, N.	String
AltFormat	Alternate or derivative formats that contain contents of file: txt, csv, pdf.	String
OriginalFileID	Foreign key to DataFile.DataFileID. DataFileID for original file from which the file is a derivative.	Integer
OriginalFileName	Filename (and extension) for the original source file from which the file described is a derivative.	String
Creation	Description of the file creation, coded to record file history: Original file received, Migrated file, Archive generated file.	String
History	Description of file history, coded string to record file history: O = Original file received. M = Migrated file. A = Archive generated file. MMO = Migrated file from Migrated file from Original file.	String
RefreshDate	Last date and time file was written to any media.	Date
AccessStartDate	Date when access to file may be granted.	Date
AccesEndDate	Date when access to file ends.	Date
DeaccessionDate	Date when file is deaccessioned from archive.	Date

FilePart Table

FilePart describes a FilePart contained within a data file.

FilePartID	Database generated, Primary Key	Integer not
		null
DataFileID	Foreign Key, DataFile Table	Integer not
		null
FilePartType	Type of FilePart: Table, Screenshot, Thumbnail Image, Page Image,	String
	Annotation, Transparency Mask, Metadata Text.	
FilePartLoc	Location or address of FilePart within the file: Unknown.	String
FilePartDesc	Description of FilePart differentiated from file.	String

Environment Table

Environment describes an implementation environment for a data file.

EnvironmentID	Database generated, Primary Key	Integer not null
DataFileID	Foreign Key, DataFile Table	Integer not null
EnvironmentType	Type of environment required for data file: Rendering Software, Display Application, Operating System, Middleware, Hardware CPU, Hardware Peripherals.	String
Title	Title of environment software or hardware required.	String
Description	Description of implementation environment for data file.	String
Documentation	Documentation for the implementation environment.	String
ExpiryDate	Date environment is scheduled to expire or be replaced.	Date

AccessRestriction Table

AccessRestriction describes a security, privacy, safety, or confidentiality restriction pertaining to an object.

AccessRestrictionID	Database generated, Primary Key	Integer not null
ProvenanceID	Foreign Key, Provenance Table	Integer not null
AccessRestriction	Security category or type of restriction: Onsite Use Only - Confidential Data- No Copying, Permission from Project Director Required, Confidentiality Agreement Required - No Copying or Network Access, Project Director only, Universal Access (unrestricted), Research Use Only, Educational Use Only, Research and Educational Use Only, Non-Commercial Use Only, On-Site Use Only, Signed Confidentiality Agreement Only, CU Personnel Only, CU Addresses Only, Domestic IP Addresses Only, No Online Access.	String
AccessRestrictionDesc	Description of restriction on access to object.	String
CurentDeclaration	Confidentiality agreement or user agreement on restriction.	String
SecurityNote	Note about the security restriction on object.	String
SecurityReviewDate	Date security restriction is scheduled for review.	Date
ARStartDate	Date access restriction on object begins.	Date
AREndDate	Date access restriction on object ends.	Date

Decision Table

Decision describes a decision that affects the provenance or dissemination for one or more objects.

DecisionID	Database generated, Primary Key	Integer not null
DecisionType	Type of Decision: Acquisition, Nomination for Dissemination, Nomination for Deaccession, Nomination for Transfer, Nomination for Accession, Dissemination, Disposition, Transfer, Provisional Use, Beta System Dissemination; Production System Dissemination.	String
Decision	Decision about an object for a Decision Type. For Preservation Service: Preserve content, Preserve Original Formats; For SEDAC: Disseminate, Ancillary Product, Transfer to LTA; For SEDAC Acquisition: redistributed 3rd party data, value-added 3rd party data, SEDAC-developed; For LTA: Public Dissemination, Restricted Dissemination; (Others Considered: Under Review, Disseminate, Delete, Remove) The following 7 categories are not mutually exclusive: Delete; Retire; Long-Term Archive; Archive, But Not Disseminate, SEDAC Disseminate by Type: - Subsets Only, - Web Download - Internet Mapping; Missing; Add to SDP; Consolidate.	String
MeetingDate	Date when the decision was made.	Date
DecisionActivDate	Date on which the decision is implemented.	Date
Authority	Authority deciding the status of an object within the archive: CIESIN Director, CIESIN Deputy Director, CIESIN Associate Director for IS, SEDAC UWG, SEDAC Project Manager, SEDAC Lead Project Scientist, SEDAC Archives Manager, SEDAC Archivist, LTA Board, LTA Manager, LTA Archivist.	String
Note	Note of Rationale or Justification for making the decision.	String

ProvenanceDecision Table

ProvenanceDecision describes each provenance affected by a particular decision.

ProvenanceDecisionID	Database generated, Primary Key	Integer not
		null
ProvenanceID	Foreign Key, Provenance Table	Integer not
		null
DecisionID	Foreign Key, Decision Table	Integer not
		null
Note	Note about the decision in reference to a specific provenance.	String

RightOwner TableRightOwner describes the organization or individual owning a right for an object.

RightOwnerID	Database generated, Primary Key	Integer not null
Entity	Organization that owns right for an object or Public Domain.	String
Signator	Person who signed document authorizing a right for an object.	String
SignatorTitle	Title of signer authorizing a right for an object.	String
SigContactInfo	Contact information for signer authorizing a right for an object.	String
Address1	Line 1 of right owner address.	String
Address2	Line 2 of right owner address.	String
City	City of right owner.	String
State	State of right owner.	String
Country	Country of right owner.	String
PostalCode	Postal code for right owner.	String
Telephone	Telephone number for right owner.	String
Fax	Fax number for right owner.	String
Email	E-mail for right owner.	String
Website	URL of right owner website.	String
Note	Note about right owner.	String

Right Table

Right describes each type of right or intellectual property restriction, independent from provenance or right owner.

	71 8 117 7 1	
RightID	Database generated, Primary Key	Integer not
		null
RightType	Type of right held: copyright, license, public domain, contract, Permission.	String
RightName	Distribution Right, Usage Right, Preservation Right, Access Right, Print	String
	Right.	
RightDesc	Description of the right and intellectual property restrictions or obligations.	String
Note	Note on rights for object.	String

RightHeld TableRightHeld describes a right that is held or has been granted for an object.

RightHeldID	Database generated, Primary Key	Integer not
		null
RightOwnerID	Foreign Key, RightOwner Table	Integer not
		null
ProvenanceID	Foreign Key, Provenance Table	Integer not
		null
RightID	Foreign Key, Right Table	Integer not
		null
RightOrigination	Right granted to others or right received from owner: Granted, Received.	String
CurDeclaration	Content of license, contract, or permission statement.	String
RightDocFile	Filename and directory path of the digital (or scanned) document that	String
	authorizes rights for an object.	
RightDocLoc	Location of original printed license, contract, or permission document: String	
	Onsite Archive, Offsite Archive, Storeroom, Not Printed.	
BeginDate	Date of execution for rights held or date of contract if not specified.	Date
ExpiryDate	Date of expiration for rights held or null if no expiration date.	Date
Receiver	Person who signed document (or agreed to conditions) and is authorized	String
	representative to acquire or use object.	
Cost	Cost to acquire object or rights to object.	Number
CostUnit	Monetary unit for cost to acquire object or rights to object.	String
Note	Note on right held for an object.	String
RightBrief	Brief description of right held and intended usage group or purpose: Use and	String
	distribute freely, Use and distribute only within organization, Distribute for	
	research or educational purposes, Third party distribution, Research use	
	only, Educational use only, Non-commercial use only, Staff use only.	
Request	Request for rights, including the reason to justify authorization.	String

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Appendix

Crosswalk:

Data Model for Managing and Preserving Geospatial Electronic Records to e-Government Metadata Standard Version 3.0, 4/29/2004. Cabinet Office, Office of the Envoy, Technology Policy Team, Interoperability Policy Advisor. Office of the Envoy. http://www.govtalk.gov.uk/schemasstandards/metadata.asp

Field	Definition	e-Government Metadata
Collection.CollectionID	Database generated,	
	Primary Key	
Collection.Title	Title for a Collection:	
	CIESIN Archive, SEDAC	
	Scientific Data Archives,	
	specific project Archive.	
Collection.Description	Description of the collection	
·	and keywords.	
Collection.AccessReqmnt	Requirements for accessing	
·	the collection: Object	
	Specific Requirements,	
	CMB Approval, Systems	
	Manager Approval.	
Collection.InstallReqmnt	Requirements for	
	installation of collection	
Collection.SizeReqmnt	Storage volume	
·	requirement for collection,	
	automatically calculated.	
Collection.AccessInhibitor	Method(s) employed to	
	inhibit access to collection	
	that could affect	
	preservation, such as	
	encryption or watermarking.	
Collection.FindingAid	Method used to facilitate	
	discovery of collection.	
Collection.PresrvPermission	Statement of permission to	
	copy collection or migrate to	
	various formats for	
	preservation.	
Collection.RelationDesc	Description of relationships,	
	relevant for preservation,	
	between collection and	
	other objects or collections.	
Collection.Quirk	Characteristic that could	
	degrade functionality or	
	aspects of the collection.	
Collection.Purpose	Purpose and reason for	
	archiving the collection:	
	Funding Agency	
	Requirement; Scientific	
	Value; Historical value;	
	Fiduciary responsibility.	
Collection.DecisionDate	Date of decision to archive	
	the collection.	
Collection.AccessStartDate	Date access was provided	
	to collection.	
Collection.AccessEndDate	Date when access to	
	collection ended.	
Collection.DeaccessionDate	Date collection is	

	deaccessioned by archive.	
Collection.Note	Notes about collection.	
Series.SeriesID	Database generated,	
	Primary Key	
Series.CollectionID	Foreign Key, Collection Table	
Series.Title	Title of a record series	
Series. Title	category within a Collection:	
	CIESIN Administrative	
	Records, CIESIN Records	
	Common to All Projects,	
	CIESIN Scientific Data,	
	SEDAC Operations	
	Records, SEDAC Active	
	Archive, SEDAC Long-	
0 : 0 : 0 !	Term Archive.	11 00 51 1 15
Series.SeriesCode	Unique identifier for the record category: SEDAC	Identifier.Fileplan ID
	Active Archive, SEDAC	
	Long-Term Archive, CIESIN	
	Archive, Series 100 CIESIN	
	Records, Series 500	
	CIESIN Records, Series	
	600 SEDAC Operations	
	Records, Series 700	
	SEDAC Active Archive,	
	Series 800 Series Long-	
Series.Description	Term Archive. Description of the series.	
Series.VRIndicator	Category of vital records, if	
Genes. Vitindicator	applicable, for the series:	
	Non-Vital Records,	
	Emergency - Operating	
	Records, Legal or Financial	
	Rights, Emergency and	
0 : 1/00 : 0 :	Rights Records.	
Series.VRReviewDate	Date of next review of vital records in series.	
Series.Activity	Level of use for series,	
Series. Activity	assignment based on	
	SeriesActivity.	
Series.ActivityDate	Date when activity for the	
	series was reviewed and	
	assigned.	
Series.CutoffDate	Date to cutoff records in	Date.Cut-off Date
Carias ArauslAssur-	series.	
Series.AnnualAccum	Estimate of annual accumulation of records in	
	series.	
Series.AccessStartDate	Date when access to series	
	began.	
Series.EndDate	Date when access to series	
	ended.	
Series.DeaccessionDate	Date of deaccession for all	
	records in series.	
Series.Note	Notes about the series.	
Corrido A etivita, Corrido A etivita ID	Dotobasa managata d	
SeriesActivity.SeriesActivityID	Database generated,	
SeriesActivity.SeriesID	Primary Key Foreign Key, Series Table.	
Oches/tollyity.OchesiD	i oreign Ney, Jenes Table.	1

SeriesActivity.PeriodStartDate	Date series activity period began.	
SeriesActivity.PeriodEndDate	Date series activity period ended.	
SeriesActivity.UniqueUserCnt	Number of unique users of series during period.	
SeriesActivity.TotalUserCnt	Total number of users of series during period.	
SeriesActivity.Note	Notes about series activity for a given period.	
Aggregate.AggregateID	Database generated, Primary Key	
Aggregate.SeriesID	Foreign Key, Series Table	
Aggregate.Title	Title of Aggregate category assignment. For SEDAC Scientific Data Series mission areas: PLUE, ENTRI, EH, MVA, HVA, AFS, ES, EX, IG.	Aggregation
Aggregate.AccessStartDate	Date access to aggregate began.	
Aggregate.AccessEnDate	Date when access to aggregate ended.	
Aggregate.DeaccessionDate	Date of deaccession for all records in aggregate.	
Provenance.ProvenanceID	Database generated, Primary Key	Identifier.System ID
Provenance.AggregateID	Foreign Key, Aggregate Table	
Provenance.Origin	Description of the creation process of the object.	
Provenance.Title	Formal Title that identifies or describes the object.	Title
Provenance.Version	Identification to differentiate object from other versions.	
Provenance.PreIngest	Description of pre-ingest processing and custody of object.	
Provenance.CreationDate	Date object was completed by Author.	Date.Created
Provenance.SubmissionDate	Date object was submitted to the archive for ingest.	Date.Date Submitted
Provenance.Citation	Complete citation for object.	Identifier.Bibliographic citation
Provenance.DesignatedCommunity	Description of designated community of users, potential users, or audience for the object: Human interactions in the environment community, Decision-maker, Learner, Manager, Scientist, Teacher.	Audience
Provenance.ReqdPreservationService	Level of preservation service or preservation plan requested by submitter or data provider: Preserve Original Formats; Preserve Content in Supported	

	Formats.	
Provenance.ReqdDisseminatnServce	Level of dissemination	
	service or dissemination	
	plan requested by submitter	
	or data provider: Restricted	
	dissemination. Public	
	Dissemination.	
Provenance.ReasonForCreation	Reason or purpose for	Subject.Programme
	creating the described	Subject.Project
D 0 1 1 1 1 1 1	object.	
Provenance.CustodyHistory	Chain of custody of object	
Provenance.ReasonForPreservation	prior to ingest into archive. Justification for selecting	
Provenance.ReasonForFreservation	object for preservation in	
	archive.	
Provenance.AcquisitionDate	Date original object was	Date.Acquired
1 Toverlance. Acquisition Date	acquired by archive.	Date:Addired
Provenance.AcquisitionVolume	Volume of original object	
1 Tovorianoo., toquiottoriv olumo	acquired by archive.	
Provenance.AcquisitionFileInventory	List of all files in original	
	object acquired by archive.	
Provenance.ReceivedDate	Date object received by the	Date.Date Accepted
	Archivist.	·
Provenance.DeaccessionDate	Date the object was	Date.Closed
	deaccessioned from	
	archive.	
Provenance.AIPVolume	Total Size of the Archival	Format.Extent
	Information Package	
	created by the archive to	
	preserve the Content	
	Information and Associated	
Decree of a contract of a cont	Material	
Provenance.ContentInformationSize	Size of Content Information	
	of the Archival Information	
Provenance.AssociatedMaterialSize	Package in Bytes. Size of material associated	
1 Toverlance. Associated iviaterial Size	with the Content	
	Information of the AIP in	
	Bytes.	
Provenance.Functionality	Description of any	
	functional characteristics of	
	the object.	
Provenance.AIPFileInventory	List of all filenames and	
•	sizes organized by the	
	directory structure.	
Provenance.AIPDataDictionary	List of each filename in	
	object with title of document	
	or description for each file,	
D. AID	including alternate formats.	
Provenance.AIP	All the files within their	
	preservation structure,	
	containing Content Information and Associated	
	Information and Associated Information that has been	
	transformed by the Archive	
	for preservation (location in	
	system if dbms is part of the	
	repository).	
Provenance.AIPCreationDate	Date archive created	Date.Declared
	Preservation Master for	
	Archival Information	

	Package.	
Provenance.ReceivedSIP	All of the files (within their	
	original structure) received	
	from the provider in the	
	Submission Information	
	Package (SIP) containing	
	the Content Information and	
	all Associated Information	
	for the original object	
	acquired (stored in system	
	if dbms is part of the	
	repository).	
Provenance.PreparedSIP	All of the files (within their	
. To to that to be a t	preservation structure),	
	containing the Content	
	Information and the	
	Associated Information that	
	have been prepared by the	
	Archive for submission to	
	another Archive or	
	Collection (stored in system	
	if dbms is part of the	
	repository).	
Provenance.VitalRecordIndicator	Vital Record status of	
Flovenance. Vital Necolumbicator	object: Non-Vital Record,	
	Emergency - Operating Record, Legal or Financial	
	Rights Record, Emergency	
Danier and a Danier Danier diagram	and Rights Record.	
Provenance.PermRecordIndicator	Indicator that the record is a	
	Permanent Record: N, Y.	
Provenance.RecordCondition	Condition of record.	
Provenance.Description	Description of the	Description
	intellectual content of the	Subject.Person
	object.	
Provenance.Methodology	Instruments and techniques	
	used to create the data.	
Provenance.Variable	Variables, layouts, and	
	codes used to describe the	
	data.	
Provenance.SpatialCoverageDesc	Political or geographical	Coverage.Spatial
	description of spatial	
	coverage.	
Provenance.SpatialCoverageNote	Latitude and longitude	
	covered, if available.	
Provenance.SpatialResolution	Spatial Resolution.	
Provenance.SpatialResolutionNote	Notes on the spatial	
	resolution of the object.	
Provenance.SRS	Spatial Reference System	
	used for spatial resolution.	
Provenance.BBoxMinX	Minimum X Coordinate	
. 10.0Halloo.DBOAWIIIA	(Longitude) for the	
	Bounding Box.	
Provenance.BBoxMinY	Minimum Y Coordinate	
i TOVEHANCE.DDUXIVIIITI	(Latitude) for the Bounding	
	Box.	
Provenance.BBoxMaxX	Maximum X Coordinate	
Provenance.bboxiviaxX		
	(Longitude) for the	
Decree Decree V	Bounding Box.	
Provenance.BBoxMaxY	Maximum Y Coordinate (Latitude) for the Bounding	

	Box.	
Provenance.SpatialCoverage	If database supports native spatial data types, this field should be used to store actual shape of spatial coverage.	
Retention.RetentionID	Database generated, Primary Key	Disposal.Schedule ID
Retention.ProvenanceID	Foreign Key, Provenance Table, if retention relates to provenance.	
Retention.SeriesID	Foreign Key, Series Table, if retention relates to series.	
Retention.Instruction	Instructions for retention or disposition of record or series: Review every Five Years, Retain Indefinitely, Freeze, Transfer to LTA, Retire, Destroy.	Disposal.Action Disposal. Disposal Conditions Disposal.Export destination Disposal.Disposal Time Period
Retention.InstructionReason	Justification for retention instructions on record or series.	Disposal.Comment
Retention.InstrctnDate	Date instructions were decided for record or series.	Disposal.Date of last review
Retention.InstrctnActDate	Date instructions are to be executed for record or series.	Disposal.Date
Retention.ScheduleDate	Date record or series will be reviewed.	Disposal.Review
Retention.Authority	Name of individual or group deciding on instructions for record or series: SEDAC UWG, LTA Board.	Disposal.Authorised by
TemporalData.TemporalDataID	Database generated, Primary Key	
TemporalData.ProvenanceID	Foreign Key, Provenance Table	
TemporalData.TCovPrecision	Precision of data used to describe temporal coverage: Year, Month, Day.	
TemporalData.TCovStart	Start date for data collection.	
TemporalData.TCovEnd	End date for data collection.	
TemporalData.TCovProjectionTo	Date of temporal coverage projection to a future date.	
TemporalData.TresDescription	Description of temporal resolution, time intervals between successive observations, frequency of granule production.	Coverage.Temporal
Relationship.FromProvenancID	Foreign Key, Provenance Table, part of Primary Key	
Relationship.ToProvenanceID	Foreign Key, Provenance Table, part of Primary Key	
Relationship.Relation	Part of Primary Key. Type of relationship: Subset, Superset, Derivative,	Relation.Has format Relation.Has version Relation.Has part

	Source, Extract, Version, Release, Edition, Integrates Parts, Compliment.	Relation.Is format of Relation.Is part of Relation.Is referenced by Relation.Is version of Relation.Is required by Relation.Is replaced by Relation.Redaction Relation.References Relation.Replaces Source
Relationship.RelationStartDate	Date relationship began.	
Relationship.RelationEndDate	Date relationship ended.	
Relationship.Note	Note about the relationship.	Relation.Reason for redaction
Identification.IdentificationID	Database generated, Primary Key	
Identification.ProvenanceID	Foreign Key, Provenance Table	
Identification.IdentifierType	Type of identifier for which the object has been assigned a unique ID: Global Identifier, TDB ID, UMDB Rec #, DOI, ISBN.	
Identification.IdentifierAssigned	Unique Identifier assigned to an object for an identifier type.	Identifier.Case ID
ProvReference.ProvReferenceID	Database generated, Primary Key	
ProvReference.ProvenanceID	Foreign Key, Provenance Table	
ProvReference.RefAuthor	Names of authors of reference work.	
ProvReference.RefAuthorRole	Role of authors of reference work (Eds.)	
ProvReference.RefTitle	Title of reference work.	
ProvReference.MonographAuthor	Author names of monograph containing reference work.	
ProvReference.MonographAuthRole	Role of authors of monograph containing reference work (Eds.)	
ProvReference.MonographTitle	Title of monograph containing reference work.	
ProvReference.JournalTitle	Title of journal containing reference work.	
ProvReference.TranslatedTitle	English translation of title if in another language.	
ProvReference.Edition	Edition identifier of monograph containing reference work.	
ProvReference.SubsidiaryAuthor	Names of subsidiary authors if author is an institution.	
ProvReference.PublicationPlace	Location where reference work is published.	
ProvReference.Publisher	Name of reference work publisher.	
ProvReference.PublicationDate	Date reference work was published.	

ProvReference.PublicationYear	Year when reference work	
D D (0 111D 1	was published.	
ProvReference.CopyrightDate	Date of copyright for	
D D ()/ D	reference work.	
ProvReference.VolumeID	Volume identifier of	
	reference work.	
ProvReference.IssueID	Issue identifier of reference	
	work.	
ProvReference.Page	Range of pages of	
	reference work.	
ProvReference.WorkExtent	Total number of pages of	
	reference work.	
ProvReference.PackagingMethod	Public accessibility of	
	reference work.	
ProvReference.SeriesEditor	Editor of series containing	
	reference work.	
ProvReference.SeriesEditorRole	Role of Editor for series	
	containing reference work.	
ProvReference.SeriesTitle	Title of series containing	
	reference work.	
ProvReference.SeriesVolumeID	Volume identifier for series	
	containing reference work.	
ProvReference.SeriesIssueID	Issue identifier for series	
Town color of color o	containing reference work.	
ProvReference.DocumentType	Type of reference work. Ex:	
1 Tovice ende. Bocament ype	Journal, Book, Proceedings	
ProvReference.URL	URL of text or full reference	
1 TOVICE GET GET CO. OT C.	of reference work.	
ProvReference.Availability	File path or file cabinet if	
Providerence. Availability	stored, or blank if not	
	available.	
ProvReference.ISBN	ISBN number for reference	
Provide reflection		
Daniel Defense as Note	work.	
ProvReference.Note	Note about reference work.	
ProvReference.RefAbstract	Abstract of reference work.	
ProvReference.CallNumber	Identifier in classification	
	system (LOC, Dewey, or	
	other).	
ProvReference.ReferenceType	Use of object by reference	
D D (0') i	work. Ex: Report,	5
ProvReference.RefCitation	Complete bibliographic	Relation.ls referenced by
	reference for reference	
D (0)	work.	
ProvReference.RefCitSource	Citation database or service	
	listing reference and date	
	found.	
ProvReference.RefUseRight	Right or permission to use	
	reference work, citation, or	
	abstract.	
ProvReference.RefAccessRight	Right/permission to access	
	or link reference work,	
	citation or abstract.	
ProvReference.DisplayOrder	Order in which reference	
	work will appear in	
	reference list.	
Property.PropertyID	Database generated,	
1 - 7 -1 - 9	Primary Key	
Property.PropertyParentID	Foreign Key, Property	
1	Table	
	Table	l

Property PropertyName	Name of the property	Disposal.Disposal Export
Property.PropertyName		l = -
	describing an object: Ingest	Status
	Status, Ingest Format	Subject.Category
	Processing, Significant	Subject.Keyword
	Property, DCMI Type,	Subject.Process Identifier
	Document Type, Content	Language
	Type, Subject, Language.	Type
	For Ingest Status: Under	
	Development by Creator,	
	Being Prepared for	
	Submission, Received by	
	Archivist, Content Review	
	Pending, Content Under	
	Review by Archivist,	
	Content Review Complete,	
	Description Pending,	
	Description Under Review,	
	Description Complete, DOI	
	Assigned, Quality Review	
	Pending, Quality Review	
	Complete, Failed Content	
	Quality Review. Rejected -	
	Data Returned to Creator,	
	Ingested, Destroyed; For	
	Ingest Format Processing:	
	All files Ingested in	
	Supported Formats,	
	Original Non-Supported	
	Formats Only, Original	
	formats and All Files	
	Migrated to Supported	
	Formats; For Significant	
	Properties: Intellectual	
	Content of Text, intellectual	
	content of image; For DCMI	
	Type: Collection, Dataset,	
	Event, Image, Interactive	
	Resource, Moving Image,	
	Physical Object, Service,	
	Software, Sound, Still	
	Image; For Document Type	
	(ISO 19115 Document	
	Type):	
	PresentationFormCode:	
	documentDigital,	
	documentHardcopy,	
	imageDigital,	
	imageDigital, imageHardcopy,	
	mapDigital, mapHardcopy,	
	modelDigital,	
	modelHardcopy,	
	profileDigital,	
	profileHardcopy,	
	tableDigital, tableHardcopy,	
	videoDigital,	
	videoHardcopy; Content	
	Type: Data, Documentation,	
	Permission; Subject	
	thesaurus or controlled	
	vocabulary; Language:	
	English, Spanish.	
Property.PropertyDesc	Description of a property.	

Property.PropertyStatus	Current status of the	
1 Topolty: Topolty olatao	property: Valid, Not in Use.	
Provenance_Property.ProvenancePropertyID	Database generated,	
	Primary Key	
Provenance_Property.ProvenanceID	Foreign Key, Provenance Table	
Provenance_Property.PropertyID	Foreign Key, Property Table	
Provenance_Property.PPStartDate	Date when property began	
Provenance_Property.PPEndDate	Date when property ended.	
Provenance_Property.Note	Note about property as it	
	pertains to a particular	
	provenance.	
D. N. D. N. ID.		
ProvenanceNoteID	Database generated, Primary Key	
ProvenanceNote.ProvenanceID	Foreign Key, Provenance Table	
ProvenanceNote.NoteText	Note about the provenance	
	of an object.	
ProvenanceNote.PostedBy	Person who posted the note	
	about the provenance of an	
	object.	
ProvenanceNote.PostedOn	Date the note was posted.	
ProvenanceNote.NoteType	Type of provenance note:	
	Accession, Maintenance, Disposition.	
	Disposition.	
OtherTitle.OtherTitleID	Database generated,	
Other Fille. Other Filler	Primary Key	
OtherTitle.ProvenanceID	Foreign Key, Provenance Table	
OtherTitle.TitleType	Alternate Title, Former Title	Relation.Provides Definition of
OtherTitle.Title	Other title of an object.	OI
	,	Title.Alternative Title
OtherTitle.Note	Note about the other title of	
	an object.	
D D ID		
Person.PersonID	Database generated,	
Person.ProvenanceID	Primary Key Foreign Key, Provenance	
reison.Flovenanceid	Table	
Person.PersonRole	Role of responsible person:	Addressee
	Author, Contributor,	Contributor
	Recipient, Internal Contact,	Creator
	Accessioner, Originating	
	Organization Technical	
	Contact, Originating	
	Organization Program Contact, Environment	
	Manager, Security Official.	
Person.PersonOrder	Order in which person will	
	appear in a Person Role	
	list, if sorted.	
Person.FirstName	First name of person.	
Person.LastName	Last name of person.	
Person.Address1	Line 1 of person address.	
Person.Address2	Line 2 of person address.	
Person.City	City of person.	

Person.State	State of person.	
Person.Country	Country of person.	
Person.PostalCode	Postal code address for	
1 orderin odlarodae	person.	
Person.Phone	Telephone number for	
1 Green. Hone	person.	
Person.Fax	Fax number for person.	
Person.Email1	Primary e-mail address for	
1 010011.EITIGHT	person.	
Person.Email2	Second e-mail address for	
1 orderii Erraii E	person.	
Person.Note	Note about person.	
Institution.InstitutionID	Database generated,	
	Primary Key	
Institution.ProvenanceID	Foreign Key, Provenance	
	Table	
Institution.InstitutionRole	Role of institution for object.	Mandate.Authorising
	Originating Organization,	Statute
	Program Support.	
Institution.InstitutionOrder	Order in which the	
	institution will appear on an	
	institution role list If higher	
	priority has been assigned.	
Institution.InstitutionName	Name of institution.	
Institution.Address1	Line 1 of institution address.	
Institution.Address2	Line 2 of institution address.	
Institution.City	City of institution.	
Institution.State	State of institution.	
Institution.Country	Country of institution.	
Institution.PostalCode	Postal code for institution	
	address.	
Institution.Phone	Telephone number for	
	institution.	
Institution.Fax	Fax number for institution.	
Institution.Website	Website URL for institution.	
Institution.Note	Note about institution.	
Document.DocumentID	Database generated,	
	Primary Key	
Document.ProvenanceID	Foreign Key, Provenance	
	Table	
Document.DocumentType	Type of document	
	describing the object: User	
	Manual, User Guide,	
	Variable List, Codebook,	
	Data Layout, Parameter	
	List, User Notes, File	
	Inventory, Installation	
Document Title	Instructions, Splash Page.	
Document.Title	Title of document	
Document.ArchivalID	describing the object. Identifier of the document if	
Document.Archivalid		
Document Accompaint	recorded as a provenance.	
Document.AccessPoint	URL of access point that disseminates document	
Document.FileName	(http://; ftp://). Filename of the document.	
Document.Scheme	Encoding scheme for the	
Document. Scheme	document. MARC, EAD,	
	uocument. WANO, LAD,	<u>l</u>

Document.Language	VRA, DC, NISOIMG, LC-AV, TEIHDR (Text Encoding Initiative Header), DDI, FGDC-STD-001-1998, FGDC CSGDM, DIF, ISO 19115, NY State Clearinghouse, Metalite, IEEE LOM, ESRI, Unknown. Language in which the document is written:	
Document.AdditionalInfo	English, Spanish. Additional information about the document.	
Distributor.DistributorID	Database generated, Primary Key	
Distributor.DistributorName	Name of the service that distributes a dissemination of an object: CIESIN, Columbia Earth Institute, SEDAC, SEDAC LTA.	Publisher
Distributor.Address1	Line 1 of distributor address.	
Distributor.Address2	Line 2 of distributor address.	
Distributor.City	City of distributor.	
Distributor.State	State of distributor.	
Distributor.PostalCode	Postal Code of distributor.	
Distributor.Country	Country of distributor.	
Distributor.TelePhone	Telephone number of distributor.	
Distributor.Fax	Fax number of distributor.	
Distributor.URL	URL of distributor.	
Distributor.Email	Email address of distributor.	
Distributor.Website	Website of distributor.	
Distributor Tropolito	Violence of distributor.	
Dissemination.DisseminationID	Database generated, Primary Key	
Dissemination. DistributorID	Foreign Key, Distributor Table	
Dissemination.Medium	Primary data storage medium for distributing object from dissemination service: CD-ROM, DVD, URN, URL, FTP.	
Dissemination.PublicAccessPoint	Primary Access Point for distributing object to the public from dissemination service (http://; ftp://).	
Dissemination.InternalLocation	Path and folder name of location from which object is distributed from internal dissemination service.	
Dissemination.DissemSize	Size of object disseminated in Bytes	
Dissemination.StartDate	Date dissemination service began disseminating object.	Date.Issued
Dissemination.EndDate	Date dissemination service discontinued disseminating object.	

Dissemination.DIPDescription	File Inventory of all files included in the Dissemination Information Package (DIP) submitted to
	dissemination service for distribution.
Dissemination.DissemCharge	Amount received from
Dissernination. Dissernonarge	dissemination service for
	distributing object.
Dissemination.DissemChargeUnit	Monetary unit of
	DissemCharge.
Dissemination.OriginalPublisher	Flag indicating that dissemination is by Original Publisher: N, Y.
Dissemination.PrimaryDistributor	Flag indicating that dissemination is by Primary Distributor: N. Y.
DissemAltPoint.DissemAltPointID	Database generated,
DISSEMARTOMICDISSEMARTOMIC	Primary Key
DissemAltPoint.DisseminationID	Foreign Key, Dissemination Table
DissemAltPoint.AltAccessPoint	Alternate access point
	disseminating object (http://; ftp://).
DissemAltPoint.StartDate	Date started disseminating
	object at alternate access
DissemAltPoint.EndDate	point. Date stopped disseminating
Dissemant officerable	object at alternate access
DissemAltPoint.Note	Note on alternate dissemination point.
ProvDissemination.ProvDisseminationID	Database generated, Primary Key
ProvDissemination.DisseminationID	Foreign Key, Dissemination Table, part of Alternate Key
ProvDissemination.ProvenanceID	Foreign Key, Provenance Table, part of Alternate Key
ProvDissemination.RootPath	Directory path where object is disseminated within group.
ProvDissemination.StartDate	Date object began being disseminated within group.
ProvDissemination.EndDate	Date object no longer disseminated within group.
ProvDissemination.Note	Note on object dissemination within group.
PDFileList.PDFileListID	Database generated,
. S. IISLIGHT ST HOLIGHS	Primary Key
PDFileList.ProvDissemID	Foreign Key, ProvDissemination Table
PDFileList.FileName	Name of the file listing files
	disseminated in
DDEiloList StortData	dissemination.
PDFileList.StartDate	Date the listed files were included in dissemination.
PDFileList.EndDate	Date the listed files were no
7	longer in dissemination.

PDFileList.Note Catalog.CatalogID	Note about the list of files included within dissemination.	
Catalog.CatalogID		
Catalog.CatalogID	dissemination.	
Catalog.CatalogID		
Catalog.CatalogID		
Catalog.Catalogib	Database generated,	
1		
	Primary Key.	
Catalog.CatalogName	Name of the catalog where	
	an object is registered:	
	SEDAC, CIESIN, EDGRS,	
	ESIP, DLESE, NSDL.	
Catalog.URL	URL of the catalog where	
Catalog. OIL		
	an object is registered.	
Catalog.ContactInfo	Contact information for a	
	catalog where an object is	
	registered.	
CatalogEntry.CatalogEntryID	Database generated,	
CatalogEntry.CatalogEntryID		
	Primary Key.	
CatalogEntry.DisseminationID	Foreign Key, Dissemination	
	Table.	
CatalogEntry.CatalogID	Foreign Key, Catalog Table.	
CatalogEntry.EntryID	Unique Identifier in the	
Jakanogena y. Enaryib	catalog for the record	
	describing the object.	
CatalogEntry.Submission	Date description of entry	
	was submitted to a catalog.	
CatalogEntry.StartDate	Date catalog entry was	
- Catalog - The front of the first of the fi	available.	
CatalagEntry EndData		
CatalogEntry.EndDate	Date catalog entry was no	
	longer available.	
CatalogEntry.EntryStatus	Status of catalog entry:	
	None, Partial, Complete,	
	Removed.	
CatalogEntry.EntryDesc	Description of the	
OdtalogEntry:EntryDesc	dissemination included in	
	the fields of the entry.	
CatalogEntry.EntryLastUpdate	Date of the last update to	
	the catalog entry for the	
	object.	
CatalogEntry.Note	Note about the catalog	
OdtalogEntry:Note	entry for an object.	
	entry for an object.	
Location.LocationID	Database generated,	
	Primary Key	
Location.LocType	Type of location. Onsite	
Location.Loc Type	Offline Archive, Offsite	
	Offline Archive, Onsite	
	Processing, Onsite	
	Network, Onsite Storage	
	Shelves.	
Location.LocName	Name of the Location.	
	CIESIN Archival Facility,	
	GISS Computer Room,	
	Geoscience Computer	
	Room, Geoscience Storage	
	Room.	
Location.LocDesc	Description of the archival	
	facilities at the location.	
Location.LocAGENT	Name of the individual	
LUCATION.LUCAGENT		
	responsible for the location.	

LocationParam.LocationParamID	Database generated, Primary Key	
LocationParam.LocationID	Foreign Key, Location Table	
LocationParam.ParamName	Name of the parameter measured at the location: Temperature, High Temperature, Low Temperature, Humidity, High Humidity, Low Humidity, Inventory, Recovery Test.	
LocationParam.ParamValue	Value of the parameter measured at the location.	
LocationParam.ParamUnit	Unit of measurement for recorded value measured at location: Degrees Fahrenheit, Percentage.	
LocationParam.ParamDate	Date and time of measurement.	
LocationParam.ParamNote	Note on instrument or parameter measured.	_
Media.MediaID	Database generated, Primary Key	
Media.MediaType	Type of media used: CD- ROM, CD-R, DVD-R, DVD+R, Print.	Format.Medium
Media.MediaBrand	Brand of the media: TDK 700 MB 48x Data CD-R.	
Media.MediaPurchaseDate	Date the media was purchased.	
Media.Note	Note about the media.	
Media_Location.LocationID	Database generated, Primary Key	
Media_Location.MediaID Media_Location.DepositedOn	Foreign Key, Media Table Date the archival media was deposited at the location.	Location.Home location
Media_Location.RemovedOn	Date the archival media was removed from the location.	
Media_Location.Note	Note about the archival media housed at a location.	
Event.EventID	Database generated, Primary Key	
Event.MediaID	Foreign Key, Media Table	
Event.EventStatus	Status of the event: Complete, Scheduled, Postponed.	
Event Dragodure	Name of the event: Deposit, Inventory, Audit, Inspection, Virus Check, Media Write, Quality Check, Format Conversion, Removal, Check Out, Bring Forward, Media Request, Media Destruction.	
Event.Procedure	Procedure completed on	

	media during an event.	
Event.Location	Location where the event	
	occurred.	
Event.EventDate	Date and time of event.	
Event.Outcome	Description of the event outcome.	
Event.Note	Note about the event.	
Event.ResponsiblePerson	Individual responsible for the event.	
Event.RetrievalRecipient	Individual who received the media.	Location.Current location
Event.RetrievalRequestor	Individual who requested the media.	
ProvenanceMedialD	Database generated, Primary Key	
ProvenanceMedia.ProvenanceID	Foreign Key, Provenance Table	
ProvenanceMedia.MediaID	Foreign Key, Media Table	
ProvenanceMedia.MediaCopy	Instance of object stored on media: Preservation Master, Security Master, Duplication Master, Access Service Copy.	
ProvenanceMedia.RootPath	Path and directory of the object on the media.	
ProvenanceMedia.WriteDate	Date the object was written on the media.	
ProvenanceMedia.DeleteDate	Date the object was deleted from the media.	
ProvenanceMedia.ValidationProc	Signature type used to generate validation key: MD5, SHA-1.	
ProvenanceMedia.KeyCreationDate	Date validation key was generated.	
ProvenanceMedia.Result	Hash value, filename, or path and filename of stored validation signature.	Digital Signature
ProvenanceMedia.LastCheckDate	Date validation key generated and compared with original.	
ProvenanceMedia.NextCheckDate	Date scheduled for validation key comparison.	
DataFile.DataFileID	Database generated, Primary Key	
DataFile.ProvenanceMediaID	Foreign Key, ProvenanceMedia Table	
DataFile.FileName	Name of the file including its extension.	
DataFile.FileSize	Size of the file in bytes.	
DataFile.ContentType	Type of content in the file: Data, Documentation, Permission, Startup.	
DataFile.MarkupType	Type of markup used to encode contents of file: HTML, SGML, XML.	
DataFile.MarkupName	Name of schema and version employed for the MarkupType: TEI DTD, W3C XML.	Relation.Conforms to

Contents of schema used	
•	
IP Addresses Only, No	
Online Access, No Access	
Allowed Pending Further	
Evaluation.	
Date access rights or	
restrictions specific to file	
expire.	
	D: 14 D : D 4 4:
	Rights.Previous Protective
	Marking
Version of the MIME Media	
Software program used to	
create the file: Microsoft	
Word 2000, Microsoft Excel	
2000.	
Registry to identify the	
software program used to	
create or view the file:	
Pronom.	
	D. M. III
	Date.Modified
formats that contain	
i iormais mai contain	
contents of files but sour nelf	
contents of file: txt, csv, pdf.	
Foreign key to	
Foreign key to DataFile.DataFile.DataFile.DataFile.DataFile.DataFileID.	
Foreign key to	
	for the Markup Type. Access rights or limitations specific to file: Universal Access -unrestricted, Research Use Only, Educational Use Only, Research and Educational Use Only, Non-Commercial Use Only, On-Site Use Only, Signed Confidentiality Agreement Only, Staff Only, Staff Addresses Only, Licensees Only, Domestic IP Addresses Only, No Online Access, No Access Allowed Pending Further Evaluation. Date access rights or restrictions specific to file expire. Preservation rights or limitations for preserving file. Description of encryption employed on file. Inhibitors to access inherent to the file: Password protection, AAA watermark. MIME Media Type for file in format Content Type/Subtype: application/pdf, audio/mpeg, image/tiff, message/http, model/vrml, multipart/signed, text/html, video/mpeg. Version of the MIME Media Type. Software program used to create the file: Microsoft Word 2000, Microsoft Excel 2000. Registry to identify the software program used to create or view the file: Pronom. Entry in the Format Registry for the file format. Last date and time when file was written or modified. File format is a preservation format: Y, N. Alternate or derivative

DataFile.OriginalFileName	Filename (and extension)	Preservation.Original format
	for the original source file	
	from which the file	
	described is a derivative.	
DataFile.Creation	Description of the file	
	creation, coded to record	
	file history: Original file	
	received, Migrated file,	
D. C. L.	Archive generated file.	
DataFile.History	Description of file history,	
	coded string to record file	
	history: O = Original file	
	received. M = Migrated file.	
	A = Archive generated file.	
	MMO = Migrated file from	
	Migrated file from Original	
	file.	
DataFile.RefreshDate	Last date and time file was	
Tata. Holl toll collecte	written to any media.	
DataFile.AccessStartDate	Date when access to file	
Datai IIE.AccessolaliDate		
Data File Asses F. ID :	may be granted.	
DataFile.AccessEndDate	Date when access to file	
	ends.	
DataFile.DeaccessionDate	Date when file was	
	deaccessioned from	
	archive.	
FilePart.FilePartID	Database generated,	
Thor artiful artib	Primary Key	
FilePart.DataFileID	Foreign Key, DataFile Table	
FilePart.FilePartType	Type of FilePart: Table,	
	Screenshot, Thumbnail	
	Image, Page Image,	
	Annotation, Mask, Metadata	
	Text.	
FilePart.FilePartLoc	Location or address of	
	FilePart within the file:	
	Unknown.	
FilePart.FilePartDesc	Description of FilePart	
Ther arm nor are book	differentiated from file.	
	amoroniated nom me.	
Environment EnvironmentID	Databasa ganaratad	
Environment.EnvironmentID	Database generated,	
	Primary Key	
Environment.DataFileID	Primary Key Foreign Key, DataFile Table	
	Primary Key Foreign Key, DataFile Table Type of environment	
Environment.DataFileID	Primary Key Foreign Key, DataFile Table Type of environment required for data file:	
Environment.DataFileID	Primary Key Foreign Key, DataFile Table Type of environment	
Environment.DataFileID	Primary Key Foreign Key, DataFile Table Type of environment required for data file: Rendering Software,	
Environment.DataFileID	Primary Key Foreign Key, DataFile Table Type of environment required for data file: Rendering Software, Display Application,	
Environment.DataFileID	Primary Key Foreign Key, DataFile Table Type of environment required for data file: Rendering Software, Display Application, Operating System,	
Environment.DataFileID	Primary Key Foreign Key, DataFile Table Type of environment required for data file: Rendering Software, Display Application, Operating System, Middleware, Hardware	
Environment.DataFileID	Primary Key Foreign Key, DataFile Table Type of environment required for data file: Rendering Software, Display Application, Operating System, Middleware, Hardware CPU, Hardware	
Environment.DataFileID Environment.EnvironmentType	Primary Key Foreign Key, DataFile Table Type of environment required for data file: Rendering Software, Display Application, Operating System, Middleware, Hardware CPU, Hardware Peripherals.	
Environment.DataFileID	Primary Key Foreign Key, DataFile Table Type of environment required for data file: Rendering Software, Display Application, Operating System, Middleware, Hardware CPU, Hardware Peripherals. Title of environment	
Environment.DataFileID Environment.EnvironmentType	Primary Key Foreign Key, DataFile Table Type of environment required for data file: Rendering Software, Display Application, Operating System, Middleware, Hardware CPU, Hardware Peripherals. Title of environment software or hardware	
Environment.DataFileID Environment.EnvironmentType Environment.Title	Primary Key Foreign Key, DataFile Table Type of environment required for data file: Rendering Software, Display Application, Operating System, Middleware, Hardware CPU, Hardware Peripherals. Title of environment software or hardware required.	
Environment.DataFileID Environment.EnvironmentType	Primary Key Foreign Key, DataFile Table Type of environment required for data file: Rendering Software, Display Application, Operating System, Middleware, Hardware CPU, Hardware Peripherals. Title of environment software or hardware required. Description of	
Environment.DataFileID Environment.EnvironmentType Environment.Title	Primary Key Foreign Key, DataFile Table Type of environment required for data file: Rendering Software, Display Application, Operating System, Middleware, Hardware CPU, Hardware Peripherals. Title of environment software or hardware required.	
Environment.DataFileID Environment.EnvironmentType Environment.Title	Primary Key Foreign Key, DataFile Table Type of environment required for data file: Rendering Software, Display Application, Operating System, Middleware, Hardware CPU, Hardware Peripherals. Title of environment software or hardware required. Description of	
Environment.DataFileID Environment.EnvironmentType Environment.Title	Primary Key Foreign Key, DataFile Table Type of environment required for data file: Rendering Software, Display Application, Operating System, Middleware, Hardware CPU, Hardware Peripherals. Title of environment software or hardware required. Description of implementation	
Environment.DataFileID Environment.EnvironmentType Environment.Title Environment.Description	Primary Key Foreign Key, DataFile Table Type of environment required for data file: Rendering Software, Display Application, Operating System, Middleware, Hardware CPU, Hardware Peripherals. Title of environment software or hardware required. Description of implementation environment for data file.	

Environment.ExpiryDate	Date environment is	
Environment.ExpiryDate	scheduled to expire or be	
	replaced.	
	Теріасец.	
AccessRestriction.AccessRestrictionID	Database generated	
AccessRestriction.AccessRestrictionid	Database generated,	
Assess Destriction Drovens and D	Primary Key Foreign Key, Provenance	
AccessRestriction.ProvenanceID	Table	
AccessRestriction.AccessRestriction	Security category or type of	Accessibility
	restriction: Onsite Use Only	Rights.GroupAccess
	- Confidential Data- No	Rights.Individual User
	Copying, Permission from	Access List
	Project Director Required,	Rights.Protective Marking
	Confidentiality Agreement	
	Required - No Copying or	
	Network Access, Project	
	Director only, Universal	
	Access (unrestricted),	
	Research Use Only,	
	Educational Use Only,	
	Research and Educational	
	Use Only, Non-Commercial	
	Use Only, On-Site Use	
	Only, Signed Confidentiality	
	Agreement Only, CU	
	Personnel Only, CU	
	Addresses Only, Domestic	
	IP Addresses Only, No	
A	Online Access.	Mandata Danas ad Data
AccessRestriction.AccessRestrictionDesc	Description of restriction on	Mandate.Personal Data
AccessRestriction.CurrentDeclaration	access to object. Confidentiality agreement	Acquisition Purpose Rights.EIR Disclosability
AccessRestriction.CurrentDeclaration	or user agreement on	Indicator
	restriction.	Rights.EIR Disclosability
	restriction.	Exemption
		Rights.FOIA Disclosability
		Indicator
		Rights.FOIA Disclosability
		Exemption
AccessRestriction.SecurityNote	Note about the security	Rights.FOIA Release
	restriction on object.	Details
AccessRestriction.SecurityReviewDate	Date security restriction is	Rights.Last FOIA
	scheduled for review.	Disclosability Review
AccessRestriction.ARStartDate	Date access restriction on	Rights.Protective Marking
	object begins.	Change Date
AccessRestriction.AREndDate	Date access restriction on	Rights.FOIA Release Date
	object ends.	Rights.Protective Marking
		Expiry Date
Decision.DecisionID	Database generated,	
Doddon.DoddonD	Primary Key	
Decision.DecisionType	Type of Decision:	
2 3 3 3 11 2 3 3 1 3 1 3 1 3 1 3 1 3 1 3	Acquisition, Nomination for	
	Dissemination, Nomination	
	for Deaccession,	
	Nomination for Transfer,	
	Nomination for Accession,	
	Dissemination, Disposition,	
	Transfer, Provisional Use,	
	Beta System	
	Dissemination; Production	
		į l

	System Dissemination.	
Decision.Decision	Decision about an object for	Disposal.Disposal Review
	a Decision Type. For	Details
	Preservation Service:	26146
	Preserve content, Preserve	
	Original Formats; For	
	SEDAC: Disseminate,	
	Ancillary Product, Transfer	
	to LTA; For SEDAC	
	Acquisition: redistributed	
	3rd party data, value-added	
	3rd party data, SEDAC-	
	developed; For LTA: Public	
	Dissemination, Restricted	
	Dissemination; (Others	
	Considered: Under Review,	
	Disseminate, Delete,	
	Remove) The following 7	
	categories are not mutually	
	exclusive: Delete; Retire;	
	Long-Term Archive;	
	Archive, But Not	
	Disseminate, SEDAC	
	Disseminate by Type: -	
	Subsets Only, - Web	
	Download - Internet	
	Mapping; Missing; Add to SDP; Consolidate.	
Decision.MeetingDate	Date when the decision was	
	made.	
Decision.DecisionActiveDate	Date on which the decision	Date.Valid
Decision.DecisionActiveDate	is implemented.	Date. Valid
Decision.Authority	Authority deciding the	
Decision. Authority	status of an object within	
	the archive: CIESIN	
	Director, CIESIN Deputy	
	Director, CIESIN Associate	
	Director for IS, SEDAC	
	UWG, SEDAC Project	
	Manager, SEDAC Lead	
	Project Scientist, SEDAC	
	Archives Manager, SEDAC	
	Archivist, LTA Board, LTA	
	Manager, LTA Archivist.	
Decision.Note	Note of Rationale or	
Decision.Note		
	Justification for making the decision.	
	uecision.	
ProvenanceDecision.ProvenanceDecisionID	Database generated	
FrovenanceDecision.ProvenanceDecisionID	Database generated,	
Provenance Decision Provenance ID	Primary Key	
ProvenanceDecision.ProvenanceID	Foreign Key, Provenance Table	
Provenance Decision Decision ID		
ProvenanceDecision.DecisionID	Foreign Key, Decision	
Drovenence Decision Nata	Table	
ProvenanceDecision.Note	Note about the decision in	
	reference to a specific	
	provenance.	
District Overs on District Overs and D	Datahasa	
RightOwner.RightOwnerID	Database generated,	
Pinh (Over an Entity)	Primary Key	
RightOwner.Entity	Organization that owns right	

	for an object or Public Domain.	
RightOwner.Signator	Person who signed document authorizing a	Rights.Custodian
	right for an object.	
RightOwner.SignatorTitle	Title of signer authorizing a	
	right for an object.	
RightOwner.SigContactInfo	Contact information for	
	signer authorizing a right for	
	an object.	
RightOwner.Address1	Line 1 of right owner address.	
RightOwner.Address2	Line 2 of right owner	
S	address.	
RightOwner.City	City of right owner.	
RightOwner.State	State of right owner.	
RightOwner.Country	Country of right owner.	
RightOwner.PostalCode	Postal code for right owner.	
RightOwner.Telephone	Telephone number for right owner.	
RightOwner.Fax	Fax number for right owner.	
RightOwner.Email	E-mail for right owner.	
RightOwner.Website	URL of right owner website.	
RightOwner.Note	Note about right owner.	
Trigino Wilor. Poto	Hote about right owner.	
Right.RightID	Database generated,	
	Primary Key	
Right.RightType	Type of right held:	Rights.Descriptor
0 0 71	copyright, license, public	
	domain, contract,	
	Permission.	
Right.RightName	Distribution Right, Usage	
	Right, Preservation Right,	
	Access Right, Print Right.	
Right.RightDesc	Description of the right and	
	intellectual property	
Right.Note	restrictions or obligations. Note on rights for object.	
Right.Note	Note on rights for object.	
RightHeld.RightHeldID	Database generated,	
Nighti leid.Nighti leidiD	Primary Key	
RightHeld.RightOwnerID	Foreign Key, RightOwner	
	Table	
RightHeld.ProvenanceID	Foreign Key, Provenance	
	Table	
RightHeld.RightID	Foreign Key, Right Table	
RightHeld.RightOrigination	Right granted to others or	
	received from owner:	
DightHold Curpo claration	Granted, Received.	Righto Conversable
RightHeld.CurDeclaration	Content of license, contract, or permission statement.	Rights.Copyright
RightHeld.RightDocFile	Filename and directory path	
ragna lola.ragni.bool lie	of the digital (or scanned)	
	document that authorizes	
	rights for an object.	
RightHeld.RightDocLoc	Location of original printed	
	license, contract, or	
	permission document:	
	Onsite Archive, Offsite	
	Archive, Storeroom, Not	
	Printed.	

RightHeld.BeginDate	Date of execution for rights held or date of contract if	
RightHeld.ExpiryDate	not specified. Date of expiration for rights held or null if no expiration date.	
RightHeld.Receiver	Person who signed document (or agreed to conditions) and is authorized to acquire or use object.	
RightHeld.Cost	Cost to acquire object or rights to object.	
RightHeld.CostUnit	Monetary unit for cost to acquire object or rights to object.	
RightHeld.Note	Note on right held for an object.	
RightHeld.RightBrief	Brief description of right held and intended usage group or purpose: Use and distribute freely, Use and distribute only within organization, Distribute for research or educational purposes, Third party distribution, Research use only, Educational use only, Non-commercial use only, Staff use only.	Mandate.Data Protection Exempt Category
RightHeld.Request	Request for rights, including the reason to justify authorization.	

Crosswalk:

Data Model for Managing and Preserving Geospatial Electronic Records to Model Requirements for the Management of Electronic Records: MoReq

Classification Scheme Metadata Elements (12.3), Class and File Metadata Elements (12.4), Metadata Elements for File or Volume (12.5), Volume Metadata Elements (12.6), Record Metadata Elements (12.7), and Record Extract Metadata Elements (12.8)

Field	Definition	MoReq
Collection.CollectionID	Database generated,	12.3.2, 12.4.1
	Primary Key	
Collection.Title	Title for a Collection:	12.3.1, 12.4.2
	CIESIN Archive, SEDAC	
	Scientific Data Archives,	
	specific project Archive.	
Collection.Description	Description of the collection	12.3.3, 12.4.3, 12.4.4
·	and keywords.	
Collection.AccessRegmnt	Requirements for accessing	
•	the collection: Object	
	Specific Requirements,	
	CMB Approval, Systems	
	Manager Approval.	
Collection.InstallReqmnt	Requirements for	
·	installation of collection	
Collection.SizeRegmnt	Storage volume	
·	requirement for collection,	
	automatically calculated.	
Collection.AccessInhibitor	Method(s) employed to	12.7.28, 12.7.29
	inhibit access to collection	·
	that could affect	
	preservation, such as	
	encryption or watermarking.	
Collection.FindingAid	Method used to facilitate	
	discovery of collection.	
Collection.PresrvPermission	Statement of permission to	
	copy collection or migrate to	
	various formats for	
	preservation.	
Collection.RelationDesc	Description of relationships,	
	relevant for preservation,	
	between collection and	
	other objects or collections.	
Collection.Quirk	Characteristic that could	
	degrade functionality or	
	aspects of the collection.	
Collection.Purpose	Purpose and reason for	
	archiving the collection:	
	Funding Agency	
	Requirement; Scientific	
	Value; Historical value;	
	Fiduciary responsibility.	
Collection.DecisionDate	Date of decision to archive	
	the collection.	
Collection.AccessStartDate	Date access was provided	
	to collection.	
Collection.AccessEndDate	Date when access to	

Collection.DeaccessionDate Collection.Note	Date collection is deaccessioned by archive.	12.4.15
Collection.Note	deaccassioned by archive	
Collection.Note		
	Notes about collection.	12.3.4, 12.4.14
Series.SeriesID	Database generated,	12.3.2, 12.4.1
Carias CallastianID	Primary Key	40.04
Series.CollectionID	Foreign Key, Collection Table	12.6.1
Series.Title	Title of a record series	12.3.1, 12.4.2
Series. Title	category within a Collection:	12.3.1, 12.4.2
	CIESIN Administrative	
	Records, CIESIN Records	
	Common to All Projects,	
	CIESIN Scientific Data,	
	SEDAC Operations	
	Records, SEDAC Active	
	Archive, SEDAC Long-	
	Term Archive.	
Series.SeriesCode	Unique identifier for the	12.3.2, 12.4.1
	record category: SEDAC Active Archive, SEDAC	
	Long-Term Archive, CIESIN	
	Archive, Series 100 CIESIN	
	Records, Series 500	
	CIESIN Records, Series	
	600 SEDAC Operations	
	Records, Series 700	
	SEDAC Active Archive,	
	Series 800 Series Long-	
	Term Archive.	
Series.Description	Description of the series.	12.3.3, 12.4.3, 12.4.4
Series.VRIndicator	Category of vital records, if	12.7.14
	applicable, for the series:	
	Non-Vital Records, Emergency - Operating	
	Records, Legal or Financial	
	Rights, Emergency and	
	Rights Records.	
Series.VRReviewDate	Date of next review of vital	
	records in series.	
Series.Activity	Level of use for series,	
	assignment based on	
	SeriesActivity.	
Series.ActivityDate	Date when activity for the	
	series was reviewed and	
Series.CutoffDate	assigned. Date to cutoff records in	
Series. Guion Date	series.	
Series.AnnualAccum	Estimate of annual	
35.136.7 (IIII dai) (00diii	accumulation of records in	
	series.	
Series.AccessStartDate	Date when access to series	
	began.	
Series.EndDate	Date when access to series	
	ended.	
Series.DeaccessionDate	Date of deaccession for all	12.4.15
	records in series.	
Series.Note	Notes about the series.	12.3.4, 12.4.14, 12.6.3
SeriesActivity.SeriesActivityID	Database generated,	1

	Primary Key	
SeriesActivity.SeriesID	Foreign Key, Series Table.	
SeriesActivity.PeriodStartDate	Date series activity period	
•	began.	
SeriesActivity.PeriodEndDate	Date series activity period	
•	ended.	
SeriesActivity.UniqueUserCnt	Number of unique users of	
,	series during period.	
SeriesActivity.TotalUserCnt	Total number of users of	
•	series during period.	
SeriesActivity.Note	Notes about series activity	12.4.14
	for a given period.	
Aggregate.AggregateID	Database generated,	
	Primary Key	
Aggregate.SeriesID	Foreign Key, Series Table	
Aggregate.Title	Title of Aggregate category	
	assignment. For SEDAC	
	Scientific Data Series	
	mission areas: PLUE,	
	ENTRI, EH, MVA, HVA,	
	AFS, ES, EX, IG.	
Aggregate.AccessStartDate	Date access to aggregate	
	began.	
Aggregate.AccessEnDate	Date when access to	
	aggregate ended.	10.1.15
Aggregate.DeaccessionDate	Date of deaccession for all	12.4.15
	records in aggregate.	
Provenance.ProvenanceID	Databasa ganaratad	
Provenance.ProvenanceiD	Database generated,	
Provenance.AggregateID	Primary Key Foreign Key, Aggregate	
Provenance. AggregaterD	Table	
Provenance.Origin	Description of the creation	
1 Toverlance. Origin	process of the object.	
Provenance.Title	Formal Title that identifies	
1 TOVORIANCE. THE	or describes the object.	
Provenance.Version	Identification to differentiate	12.7.26
1 Toverlance. Version	object from other versions.	12.7.20
Provenance.PreIngest	Description of pre-ingest	
Trevenance. Temigeot	processing and custody of	
	object.	
Provenance.CreationDate	Date object was completed	12.7.5, 12.8.3
	by Author.	-,
Provenance.SubmissionDate	Date object was submitted	12.7.22
	to the archive for ingest.	
Provenance.Citation	Complete citation for object.	
Provenance.DesignatedCommunity	Description of designated	
,	community of users,	
	potential users, or audience	
	for the object: Human	
	interactions in the	
	environment community,	
	Decision-maker, Learner,	
	Manager, Scientist,	
	Teacher.	
Provenance.ReqdPreservationService	Level of preservation	
	service or preservation plan	
	requested by submitter or	
	data provider: Preserve	
	Original Formats; Preserve	

	Content in Supported	
	Formats.	
Provenance.ReqdDisseminatnServce	Level of dissemination	
Troventarioon toque ioochimia and or voo	service or dissemination	
	plan requested by submitter	
	or data provider: Restricted	
	dissemination. Public	
	Dissemination.	
Provenance.ReasonForCreation	Reason or purpose for	12.8.5
	creating the described	
	object.	
Provenance.CustodyHistory	Chain of custody of object	
	prior to ingest into archive.	
Provenance.ReasonForPreservation	Justification for selecting	
	object for preservation in	
	archive.	
Provenance.AcquisitionDate	Date original object was	12.7.8
·	acquired by archive.	
Provenance.AcquisitionVolume	Volume of original object	
·	acquired by archive.	
Provenance.AcquisitionFileInventory	List of all files in original	
	object acquired by archive.	
Provenance.ReceivedDate	Date object received by the	12.7.23
	Archivist.	
Provenance.DeaccessionDate	Date the object was	12.4.15
	deaccessioned from	
	archive.	
Provenance.AIPVolume	Total Size of the Archival	
	Information Package	
	created by the archive to	
	preserve the Content	
	Information and Associated	
	Material	
Provenance.ContentInformationSize	Size of Content Information	
	of the Archival Information	
	Package in Bytes.	
Provenance.AssociatedMaterialSize	Size of material associated	
	with the Content	
	Information of the AIP in	
Decrease Francisco III	Bytes.	
Provenance.Functionality	Description of any	
	functional characteristics of	
Dravanana AIDEilalay t	the object.	40.740
Provenance.AIPFileInventory	List of all filenames and	12.7.13
	sizes organized by the	
Provenance.AIPDataDictionary	directory structure. List of each filename in	
Flovenance.AirDataDictionary		
	object with title of document or description for each file,	
	including alternate formats.	
Provenance.AIP	All the files within their	
i Toverlance.All	preservation structure,	
	containing Content	
	Information and Associated	
	Information that has been	
	transformed by the Archive	
	for preservation (location in	
	system if dbms is part of the	
	repository).	
Provenance.AIPCreationDate	Date archive created	
	Preservation Master for	
		1

	A nobical lafa was ation	T
	Archival Information	
D : 101D	Package.	
Provenance.ReceivedSIP	All of the files (within their	
	original structure) received	
	from the provider in the	
	Submission Information	
	Package (SIP) containing	
	the Content Information and	
	all Associated Information	
	for the original object	
	acquired (stored in system	
	if dbms is part of the	
	repository).	
Provenance.PreparedSIP	All of the files (within their	
Flovenance.FrepareuSiF		
	preservation structure),	
	containing the Content	
	Information and the	
	Associated Information that	
	have been prepared by the	
	Archive for submission to	
	another Archive or	
	Collection (stored in system	
	if dbms is part of the	
	repository).	
Provenance.VitalRecordIndicator	Vital Record status of	12.7.14
1 Toverlance. Vitalivecordinalcator	object: Non-Vital Record,	12.7.14
	Emergency - Operating	
	Record, Legal or Financial	
	Rights Record, Emergency	
	and Rights Record.	
Provenance.PermRecordIndicator	Indicator that the record is a	
	Permanent Record: N, Y.	
Provenance.RecordCondition	Condition of record.	
Provenance.Description	Description of the	
The second secon	intellectual content of the	
	object.	
Provenance.Methodology	Instruments and techniques	
1 Toverlance.iviethodology	•	
Provenance.Variable	used to create the data.	
Provenance. Variable	Variables, layouts, and	
	codes used to describe the	
	data.	
Provenance.SpatialCoverageDesc	Political or geographical	
	description of spatial	
	coverage.	
Provenance.SpatialCoverageNote	Latitude and longitude	
	covered, if available.	
Provenance.SpatialResolution	Spatial Resolution.	
Provenance.SpatialResolutionNote	Notes on the spatial	
Frovenance.opaliarresolutioninote		
Drawanana CDC	resolution of the object.	
Provenance.SRS	Spatial Reference System	
	used for spatial resolution.	
Provenance.BBoxMinX	Minimum X Coordinate	
	(Longitude) for the	
	Bounding Box.	
Provenance.BBoxMinY	Minimum Y Coordinate	
	(Latitude) for the Bounding	
	Box.	
Provenance.BBoxMaxX	Maximum X Coordinate	
	I MUNITUM A COULDINALE	İ
1 Tovorianoon Bookinaxi	(Longitude) for the	
T Tovorianoo.	(Longitude) for the	
Provenance.BBoxMaxY	(Longitude) for the Bounding Box. Maximum Y Coordinate	

	(Latitude) for the Bounding Box.	
Provenance.SpatialCoverage	If database supports native spatial data types, this field should be used to store actual shape of spatial coverage.	
Retention.RetentionID	Database generated,	
	Primary Key	
Retention.ProvenanceID	Foreign Key, Provenance Table, if retention relates to provenance.	
Retention.SeriesID	Foreign Key, Series Table, if retention relates to series.	
Retention.Instruction	Instructions for retention or disposition of record or series: Review every Five Years, Retain Indefinitely, Freeze, Transfer to LTA, Retire, Destroy.	12.4.12, 12.7.16, 12.5.1, 12.5.4
Retention.InstructionReason	Justification for retention instructions on record or series.	12.4.17, 12.4.18, 12.5.16
Retention.InstrctnDate	Date instructions were decided for record or series.	12.4.18
Retention.InstrctnActDate	Date instructions are to be executed for record or series.	12.4.5, 12.4.6, 12.4.12, 12.4.12, 12.5.2, 12.5.3, 12.5.15
Retention.ScheduleDate	Date record or series will be reviewed.	
Retention.Authority	Name of individual or group deciding on instructions for record or series: SEDAC UWG, LTA Board.	12.4.7, 12.4.11, 12.5.15
TemporalData.TemporalDataID	Database generated, Primary Key	
TemporalData.ProvenanceID	Foreign Key, Provenance	
TemporalData.TCovPrecision	Precision of data used to describe temporal coverage: Year, Month, Day.	
TemporalData.TCovStart	Start date for data collection.	
TemporalData.TCovEnd	End date for data collection.	
TemporalData.TCovProjectionTo	Date of temporal coverage projection to a future date.	
TemporalData.TresDescription	Description of temporal resolution, time intervals between successive observations, frequency of granule production.	
Relationship.FromProvenancID	Foreign Key, Provenance Table, part of Primary Key	12.8.1
Relationship.ToProvenanceID	Foreign Key, Provenance Table, part of Primary Key	12.7.24, 12.8.2
Relationship.Relation	Part of Primary Key. Type of relationship: Subset,	12.7.15

	10 10 1	T
	Superset, Derivative,	
	Source, Extract, Version,	
	Release, Edition, Integrates	
	Parts, Compliment.	
Relationship.RelationStartDate	Date relationship began.	12.8.3
Relationship.RelationEndDate	Date relationship ended.	
Relationship.Note	Note about the relationship.	12.4.14
Telationomp. Note	140te about the relationship.	12.7.17
Identification.IdentificationID	Database generated,	
	Primary Key	
Identification.ProvenanceID	Foreign Key, Provenance	
	Table	
Identification.IdentifierType	Type of identifier for which	12.5.20
	the object has been	
	assigned a unique ID:	
	Global Identifier, TDB ID,	
	UMDB Rec #, DOI, ISBN.	
Identification.IdentifierAssigned	Unique Identifier assigned	12.7.1
G	to an object for an identifier	
	type.	
	3,50.	
ProvReference.ProvReferenceID	Database generated,	
	Primary Key	
ProvReference.ProvenanceID	Foreign Key, Provenance	
	Table	
ProvReference.RefAuthor	Names of authors of	
	reference work.	
ProvReference.RefAuthorRole	Role of authors of reference	
Trovice cronoc. New Authoritoid	work (Eds.)	
ProvReference.RefTitle	Title of reference work.	
	Author names of	
ProvReference.MonographAuthor		
	monograph containing	
Daniel Defense as Management Australia	reference work.	
ProvReference.MonographAuthRole	Role of authors of	
	monograph containing	
D D (1777)	reference work (Eds.)	
ProvReference.MonographTitle	Title of monograph	
	containing reference work.	
ProvReference.JournalTitle	Title of journal containing	
	reference work.	
ProvReference.TranslatedTitle	English translation of title if	
	in another language.	
ProvReference.Edition	Edition identifier of	
	monograph containing	
	reference work.	
ProvReference.SubsidiaryAuthor	Names of subsidiary	
	authors if author is an	
	institution.	
ProvReference.PublicationPlace	Location where reference	
	work is published.	
ProvReference.Publisher	Name of reference work	
	publisher.	
ProvReference.PublicationDate	Date reference work was	
	published.	
ProvReference.PublicationYear	Year when reference work	
	was published.	
ProvReference.CopyrightDate	Date of copyright for	
. 1311 tolorolloo.oopynginDate	reference work.	
ProvReference.VolumeID	Volume identifier of	
1 10 VI COLOTOTO COLOTO	reference work.	
ProvReference.IssueID	Issue identifier of reference	
1 1041/010101001990010	ISSUE INCHINICI OF TELEFICE	I

	work.	
ProvReference.Page	Range of pages of	
· ·	reference work.	
ProvReference.WorkExtent	Total number of pages of	
	reference work.	
ProvReference.PackagingMethod	Public accessibility of	
	reference work.	
ProvReference.SeriesEditor	Editor of series containing	
	reference work.	
ProvReference.SeriesEditorRole	Role of Editor for series	
	containing reference work.	
ProvReference.SeriesTitle	Title of series containing	
	reference work.	
ProvReference.SeriesVolumeID	Volume identifier for series	
	containing reference work.	
ProvReference.SeriesIssueID	Issue identifier for series	
	containing reference work.	
ProvReference.DocumentType	Type of reference work. Ex:	
	Journal, Book, Proceedings	
ProvReference.URL	URL of text or full reference	
	of reference work.	
ProvReference.Availability	File path or file cabinet if	
	stored, or blank if not	
	available.	
ProvReference.ISBN	ISBN number for reference	
	work.	
ProvReference.Note	Note about reference work.	
ProvReference.RefAbstract	Abstract of reference work.	
ProvReference.CallNumber	Identifier in classification	
	system (LOC, Dewey, or	
	other).	
ProvReference.ReferenceType	Use of object by reference	
	work. Ex: Report,	
ProvReference.RefCitation	Complete bibliographic	
	reference for reference	
	work.	
ProvReference.RefCitSource	Citation database or service	
	listing reference and date	
B B (found.	
ProvReference.RefUseRight	Right or permission to use	
	reference work, citation, or	
B B (abstract.	
ProvReference.RefAccessRight	Right/permission to access	
	or link reference work,	
B B (B: 1 0 1	citation or abstract.	
ProvReference.DisplayOrder	Order in which reference	
	work will appear in	
	reference list.	
Duan anti- i Duan anti-dD	Database granantad	
Property.PropertyID	Database generated,	
Duananti / Duananti /Daire / UD	Primary Key	
Property.PropertyParentID	Foreign Key, Property	
Duamanti / Duamanti Alarea	Table	40.5.5.40.5.44
Property.PropertyName	Name of the property	12.5.5, 12.5.14
	describing an object: Ingest	
	Status, Ingest Format	
	Processing, Significant	
	Property, DCMI Type,	
	Document Type, Content Type, Subject, Language.	
	For Ingest Status: Under	
	roi ingesi sialus. Under	

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Migrated to Supported Formats; For Significant	
Formats; For Significant	
Properties: Intellectual	
Toperties, intellectual	
Content of Text, intellectual	
content of image; For DCMI	
Type: Collection, Dataset,	
Event, Image, Interactive	
Resource, Moving Image,	
Physical Object, Service,	
Software, Sound, Still	
Image; For Document Type	
(ISO 19115 Document	
Type):	
PresentationFormCode:	
documentDigital,	
documentHardcopy,	
imageDigital,	
imageHardcopy,	
mapDigital, mapHardcopy,	
modelDigital,	
modelHardcopy,	
profileDigital,	
profileHardcopy,	
tableDigital, tableHardcopy,	
videoDigital,	
videoHardcopy; Content	
Type: Data, Documentation,	
Permission; Subject	
thesaurus or controlled	
vocabulary; Language:	
English, Spanish.	
Property.PropertyDesc Description of a property. 12.7.2	
Description of a property. 12.7.2	
Drop orth Drop orth Status	
Property.PropertyStatus Current status of the	
property: Valid, Not in Use.	
Provenance_Property.ProvenancePropertyID Database generated,	
Primary Key	
Provenance_Property.ProvenanceID Foreign Key, Provenance	

	Table	
Provenance_Property.PropertyID	Foreign Key, Property Table	
Provenance_Property.PPStartDate	Date when property began	12.5.17
Provenance_Property.PPEndDate	Date when property ended.	
Provenance_Property.Note	Note about property as it pertains to a particular provenance.	12.4.14, 12.5.18
ProvenanceNoteID	Database generated, Primary Key	
ProvenanceNote.ProvenanceID	Foreign Key, Provenance Table	
ProvenanceNote.NoteText	Note about the provenance of an object.	
ProvenanceNote.PostedBy	Person who posted the note about the provenance of an object.	
ProvenanceNote.PostedOn	Date the note was posted.	
ProvenanceNote.NoteType	Type of provenance note: Accession, Maintenance, Disposition.	12.4.14, 12.7.18, 12.8.6
OtherTitle.OtherTitleID	Database generated, Primary Key	
OtherTitle.ProvenanceID	Foreign Key, Provenance Table	
OtherTitle.TitleType	Alternate Title, Former Title	
OtherTitle.Title	Other title of an object.	
OtherTitle.Note	Note about the other title of an object.	
Davida Davida ID	Database reported	
Person.PersonID	Database generated, Primary Key	
Person.ProvenanceID	Foreign Key, Provenance	
1 Groom Tovonanoon	Table	
Person.PersonRole	Role of responsible person: Author, Contributor, Recipient, Internal Contact, Accessioner, Originating Organization Technical Contact, Originating Organization Program Contact, Environment Manager, Security Official.	12.4.11, 12.4.16, 12.7.3, 12.7.4, 12.7.6, 12.8.4
Person.PersonOrder	Order in which person will appear in a Person Role list, if sorted.	
Person.FirstName	First name of person.	
Person.LastName	Last name of person.	
Person.Address1	Line 1 of person address.	
Person.Address2	Line 2 of person address.	
Person.City Person.State	City of person. State of person.	
Person.Country	Country of person.	
Person.PostalCode	Postal code address for person.	
Person.Phone	Telephone number for person.	
Person.Fax	Fax number for person.	

Person.Email1	Primary e-mail address for	
	person.	
Person.Email2	Second e-mail address for	
	person.	
Person.Note	Note about person.	
Institution.InstitutionID	Database generated,	
Institution:institutionid	Primary Key	
Institution.ProvenanceID	Foreign Key, Provenance	
medicaleriii revenanceib	Table	
Institution.InstitutionRole	Role of institution for object.	
	Originating Organization,	
	Program Support.	
Institution.InstitutionOrder	Order in which the	
	institution will appear on an	
	institution role list If higher priority has been assigned.	
Institution.InstitutionName	Name of institution.	
Institution.Address1	Line 1 of institution address.	
Institution.Address2	Line 2 of institution address.	
Institution.City	City of institution.	
Institution.State	State of institution.	
Institution.Country	Country of institution.	
Institution.PostalCode	Postal code for institution	
	address.	
Institution.Phone	Telephone number for	
I o c e	institution.	
Institution.Fax	Fax number for institution.	
Institution.Website Institution.Note	Website URL for institution. Note about institution.	
Institution.Note	Note about institution.	
Document.DocumentID	Database generated,	
	Primary Key	
Document.ProvenanceID	Foreign Key, Provenance	
	Table	
Document.DocumentType	Type of document	
	describing the object: User	
	Manual, User Guide, Variable List, Codebook,	
	Data Layout, Parameter	
	List, User Notes, File	
	Inventory, Installation	
	Instructions, Splash Page.	
Document.Title	Title of document	
	describing the object.	
Document.ArchivalID	Identifier of the document if	
	recorded as a provenance.	
Document.AccessPoint	URL of access point that	
	disseminates document	
Document.FileName	(http://; ftp://). Filename of the document.	
Document.Scheme	Encoding scheme for the	
Bootiment. General	document. MARC, EAD,	
	VRA, DC, NISOIMG, LC-	
	AV, TEIHDR (Text	
	Encoding Initiative Header),	
	DDI, FGDC-STD-001-1998,	
	FGDC CSGDM, DIF, ISO	
	19115, NY State	
	Clearinghouse, Metalite,	
	IEEE LOM, ESRI,	

	Unknown.	
Document.Language	Language in which the	
	document is written:	
	English, Spanish.	
Document.AdditionalInfo	Additional information about	
	the document.	
Distributor.DistributorID	Database generated,	
	Primary Key	
Distributor.DistributorName	Name of the service that	
	distributes a dissemination	
	of an object: CIESIN,	
	Columbia Earth Institute,	
Dietrikuten Addresed	SEDAC, SEDAC LTA.	
Distributor.Address1	Line 1 of distributor address.	
Distributor.Address2	Line 2 of distributor	
Distributor. Address2	address.	
Distributor.City	City of distributor.	
Distributor.State	State of distributor.	
Distributor.PostalCode	Postal Code of distributor.	
Distributor.Country	Country of distributor.	
Distributor.TelePhone	Telephone number of	
	distributor.	
Distributor.Fax	Fax number of distributor.	
Distributor.URL	URL of distributor.	
Distributor.Email	Email address of distributor.	
Distributor.Website	Website of distributor.	
Dissemination.DisseminationID	Database generated,	
Discouring tion DistributorID	Primary Key	
Dissemination.DistributorID	Foreign Key, Distributor Table	
Dissemination.Medium	Primary data storage	
	medium for distributing	
	object from dissemination	
	service: CD-ROM, DVD,	
	URN, URL, FTP.	
Dissemination.PublicAccessPoint	Primary Access Point for	
	distributing object to the	
	public from dissemination	
Discomination Intervall	service (http://; ftp://).	
Dissemination.InternalLocation	Path and folder name of	
	location from which object is distributed from internal	
	dissemination service.	
Dissemination.DissemSize	Size of object disseminated	
	in Bytes	
Dissemination.StartDate	Date dissemination service	
	began disseminating object.	
Dissemination.EndDate	Date dissemination service	
	discontinued disseminating	
	object.	
Dissemination.DIPDescription	File Inventory of all files	
	included in the	
	Dissemination Information	
	Package (DIP) submitted to dissemination service for	
	dissemination service for distribution.	
Dissemination.DissemCharge	Amount received from	
2.000mmation.Dissemonarye	dissemination service for	

	distributing object.	
Dissemination.DissemChargeUnit	Monetary unit of	
Diodonination. Diodonional goothic	DissemCharge.	
Dissemination.OriginalPublisher	Flag indicating that	
Dissertification. Originali abilisher	dissemination is by Original	
	Publisher: N, Y.	
Dissemination.PrimaryDistributor	Flag indicating that	
Dissemination.FilmaryDistributor	dissemination is by Primary	
	Distributor: N. Y.	
	Distributor. N. T.	
DissemAltPoint.DissemAltPointID	Database generated,	
DISSEMAILFOINI. DISSEMAILFOINIID	Primary Key	
DissemAltPoint.DisseminationID	Foreign Key, Dissemination	
Disseman Point. Dissemination D	Table	
DissemAltPoint.AltAccessPoint	Alternate access point	
Dissemalipoint.Altaccesspoint		
	disseminating object	
Discour Alt Deint Otent Dete	(http://; ftp://).	
DissemAltPoint.StartDate	Date started disseminating	
	object at alternate access	
D: AUD : (E ID :	point.	
DissemAltPoint.EndDate	Date stopped disseminating	
	object at alternate access	
	point	
DissemAltPoint.Note	Note on alternate	
	dissemination point.	
ProvDissemination.ProvDisseminationID	Database generated,	
	Primary Key	
ProvDissemination.DisseminationID	Foreign Key, Dissemination	
	Table, part of Alternate Key	
ProvDissemination.ProvenanceID	Foreign Key, Provenance	
	Table, part of Alternate Key	
ProvDissemination.RootPath	Directory path where object	
	is disseminated within	
	group.	
ProvDissemination.StartDate	Date object began being	
	disseminated within group.	
ProvDissemination.EndDate	Date object no longer	
	disseminated within group.	
ProvDissemination.Note	Note on object	12.4.14
	dissemination within group.	
PDFileList.PDFileListID	Database generated,	
	Primary Key	
PDFileList.ProvDissemID	Foreign Key,	
	ProvDissemination Table	
PDFileList.FileName	Name of the file listing files	
	disseminated in	
	dissemination.	
PDFileList.StartDate	Date the listed files were	
. I. Hollowski Dato	included in dissemination.	
PDFileList.EndDate	Date the listed files were no	
. D. Hollotteliabato	longer in dissemination.	
PDFileList.Note	Note about the list of files	12.4.14
I DI NOLISUITOLE	included within	12.7.17
	dissemination.	
	นเออธิกาแกลแบก.	
Catalog CatalogID	Database generated	
Catalog.CatalogID	Database generated,	
Catalag CatalagNama	Primary Key.	
Catalog.CatalogName	Name of the catalog where	
	an object is registered:	

	SEDAC, CIESIN, EDGRS,	
0.41 1101	ESIP, DLESE, NSDL.	
Catalog.URL	URL of the catalog where	
Catalog.ContactInfo	an object is registered. Contact information for a	
Catalog.Contactinio	catalog where an object is	
	registered.	
	3	
CatalogEntry.CatalogEntryID	Database generated,	
	Primary Key.	
CatalogEntry.DisseminationID	Foreign Key, Dissemination	
	Table.	
CatalogEntry.CatalogID	Foreign Key, Catalog Table.	
CatalogEntry.EntryID	Unique Identifier in the catalog for the record	
	describing the object.	
CatalogEntry.Submission	Date description of entry	
	was submitted to a catalog.	
CatalogEntry.StartDate	Date catalog entry was	
	available.	
CatalogEntry.EndDate	Date catalog entry was no	
0.11 5 1 5 1 01 1	longer available.	
CatalogEntry.EntryStatus	Status of catalog entry:	
	None, Partial, Complete, Removed.	
CatalogEntry.EntryDesc	Description of the	
January Emily 2000	dissemination included in	
	the fields of the entry.	
CatalogEntry.EntryLastUpdate	Date of the last update to	
	the catalog entry for the	
0.11.5.11.1	object.	
CatalogEntry.Note	Note about the catalog	
	entry for an object.	
Location.LocationID	Database generated,	
	Primary Key	
Location.LocType	Type of location. Onsite	
	Offline Archive, Offsite	
	Offline Archive, Onsite	
	Processing, Onsite	
	Network, Onsite Storage Shelves.	
Location.LocName	Name of the Location.	12.5.7
Location. Locivaine	CIESIN Archival Facility,	12.5.7
	GISS Computer Room,	
	Geoscience Computer	
	Room, Geoscience Storage	
	Room.	
Location.LocDesc	Description of the archival	
Location.LocAGENT	facilities at the location. Name of the individual	
LOCATION.LUCAGENT	responsible for the location.	
	responsible for the location.	
LocationParam.LocationParamID	Database generated,	
	Primary Key	
LocationParam.LocationID	Foreign Key, Location	
	Table	
LocationParam.ParamName	Name of the parameter	
	measured at the location:	
	Temperature, High Temperature, Low	
	Tremperature, Low	

	T - 1 11 110	
	Temperature, Humidity,	
	High Humidity, Low	
	Humidity, Inventory,	
	Recovery Test.	
LocationParam.ParamValue	Value of the parameter	
	measured at the location.	
LocationParam.ParamUnit	Unit of measurement for	
	recorded value measured at	
	location: Degrees	
	Fahrenheit, Percentage.	
LocationParam.ParamDate	Date and time of	
Location Param. Parambate		
	measurement.	
LocationParam.ParamNote	Note on instrument or	
	parameter measured.	
Media.MediaID	Database generated,	
	Primary Key	
Media.MediaType	Type of media used: CD-	12.4.13, 12.5.22
	ROM, CD-R, DVD-R,	
	DVD+R, Print.	
Media.MediaBrand	Brand of the media: TDK	
	700 MB 48x Data CD-R.	
Media.MediaPurchaseDate	Date the media was	
ivibula.ivibular ulullaseDale		
Madia Nata	purchased.	
Media.Note	Note about the media.	
Media_Location.LocationID	Database generated,	
	Primary Key	
Media_Location.MediaID	Foreign Key, Media Table	12.6.2, 12.5.6
Media_Location.DepositedOn	Date the archival media	12.5.21
••••	was deposited at the	
	location.	
Media_Location.RemovedOn	Date the archival media	12.5.9
Wedia_Location.NemovedOn	was removed from the	12.5.9
	location.	
Media_Location.Note	Note about the archival	
Media_Location.Note		
	Note about the archival media housed at a location.	
Media_Location.Note Event.EventID	Note about the archival media housed at a location. Database generated,	
	Note about the archival media housed at a location. Database generated, Primary Key	
	Note about the archival media housed at a location. Database generated,	
Event.EventID Event.MediaID	Note about the archival media housed at a location. Database generated, Primary Key Foreign Key, Media Table	12.5.8
Event.EventID	Note about the archival media housed at a location. Database generated, Primary Key Foreign Key, Media Table Status of the event:	12.5.8
Event.EventID Event.MediaID	Note about the archival media housed at a location. Database generated, Primary Key Foreign Key, Media Table Status of the event: Complete, Scheduled,	12.5.8
Event.EventID Event.MediaID Event.EventStatus	Note about the archival media housed at a location. Database generated, Primary Key Foreign Key, Media Table Status of the event: Complete, Scheduled, Postponed.	12.5.8
Event.EventID Event.MediaID	Note about the archival media housed at a location. Database generated, Primary Key Foreign Key, Media Table Status of the event: Complete, Scheduled, Postponed. Name of the event: Deposit,	12.5.8
Event.EventID Event.MediaID Event.EventStatus	Note about the archival media housed at a location. Database generated, Primary Key Foreign Key, Media Table Status of the event: Complete, Scheduled, Postponed. Name of the event: Deposit, Inventory, Audit, Inspection,	12.5.8
Event.EventID Event.MediaID Event.EventStatus	Note about the archival media housed at a location. Database generated, Primary Key Foreign Key, Media Table Status of the event: Complete, Scheduled, Postponed. Name of the event: Deposit, Inventory, Audit, Inspection, Virus Check, Media Write,	12.5.8
Event.EventID Event.MediaID Event.EventStatus	Note about the archival media housed at a location. Database generated, Primary Key Foreign Key, Media Table Status of the event: Complete, Scheduled, Postponed. Name of the event: Deposit, Inventory, Audit, Inspection, Virus Check, Media Write, Quality Check, Format	12.5.8
Event.EventID Event.MediaID Event.EventStatus	Note about the archival media housed at a location. Database generated, Primary Key Foreign Key, Media Table Status of the event: Complete, Scheduled, Postponed. Name of the event: Deposit, Inventory, Audit, Inspection, Virus Check, Media Write, Quality Check, Format Conversion, Removal,	12.5.8
Event.EventID Event.MediaID Event.EventStatus	Note about the archival media housed at a location. Database generated, Primary Key Foreign Key, Media Table Status of the event: Complete, Scheduled, Postponed. Name of the event: Deposit, Inventory, Audit, Inspection, Virus Check, Media Write, Quality Check, Format Conversion, Removal, Check Out, Bring Forward,	12.5.8
Event.EventID Event.MediaID Event.EventStatus	Note about the archival media housed at a location. Database generated, Primary Key Foreign Key, Media Table Status of the event: Complete, Scheduled, Postponed. Name of the event: Deposit, Inventory, Audit, Inspection, Virus Check, Media Write, Quality Check, Format Conversion, Removal, Check Out, Bring Forward, Media Request, Media	12.5.8
Event.EventID Event.MediaID Event.EventStatus Event.Designation	Note about the archival media housed at a location. Database generated, Primary Key Foreign Key, Media Table Status of the event: Complete, Scheduled, Postponed. Name of the event: Deposit, Inventory, Audit, Inspection, Virus Check, Media Write, Quality Check, Format Conversion, Removal, Check Out, Bring Forward, Media Request, Media Destruction.	12.5.8
Event.EventID Event.MediaID Event.EventStatus	Note about the archival media housed at a location. Database generated, Primary Key Foreign Key, Media Table Status of the event: Complete, Scheduled, Postponed. Name of the event: Deposit, Inventory, Audit, Inspection, Virus Check, Media Write, Quality Check, Format Conversion, Removal, Check Out, Bring Forward, Media Request, Media	12.5.8
Event.EventID Event.MediaID Event.EventStatus Event.Designation	Note about the archival media housed at a location. Database generated, Primary Key Foreign Key, Media Table Status of the event: Complete, Scheduled, Postponed. Name of the event: Deposit, Inventory, Audit, Inspection, Virus Check, Media Write, Quality Check, Format Conversion, Removal, Check Out, Bring Forward, Media Request, Media Destruction. Procedure completed on	12.5.8
Event.EventID Event.MediaID Event.EventStatus Event.Designation	Note about the archival media housed at a location. Database generated, Primary Key Foreign Key, Media Table Status of the event: Complete, Scheduled, Postponed. Name of the event: Deposit, Inventory, Audit, Inspection, Virus Check, Media Write, Quality Check, Format Conversion, Removal, Check Out, Bring Forward, Media Request, Media Destruction.	12.5.8
Event.EventID Event.MediaID Event.EventStatus Event.Designation	Note about the archival media housed at a location. Database generated, Primary Key Foreign Key, Media Table Status of the event: Complete, Scheduled, Postponed. Name of the event: Deposit, Inventory, Audit, Inspection, Virus Check, Media Write, Quality Check, Format Conversion, Removal, Check Out, Bring Forward, Media Request, Media Destruction. Procedure completed on media during an event. Location where the event	12.5.8
Event.EventID Event.MediaID Event.EventStatus Event.Designation Event.Procedure Event.Location	Note about the archival media housed at a location. Database generated, Primary Key Foreign Key, Media Table Status of the event: Complete, Scheduled, Postponed. Name of the event: Deposit, Inventory, Audit, Inspection, Virus Check, Media Write, Quality Check, Format Conversion, Removal, Check Out, Bring Forward, Media Request, Media Destruction. Procedure completed on media during an event. Location where the event occurred.	
Event.EventID Event.MediaID Event.EventStatus Event.Designation Event.Procedure Event.Location Event.EventDate	Note about the archival media housed at a location. Database generated, Primary Key Foreign Key, Media Table Status of the event: Complete, Scheduled, Postponed. Name of the event: Deposit, Inventory, Audit, Inspection, Virus Check, Media Write, Quality Check, Format Conversion, Removal, Check Out, Bring Forward, Media Request, Media Destruction. Procedure completed on media during an event. Location where the event occurred. Date and time of event.	12.5.8
Event.EventID Event.MediaID Event.EventStatus Event.Designation Event.Procedure Event.Location	Note about the archival media housed at a location. Database generated, Primary Key Foreign Key, Media Table Status of the event: Complete, Scheduled, Postponed. Name of the event: Deposit, Inventory, Audit, Inspection, Virus Check, Media Write, Quality Check, Format Conversion, Removal, Check Out, Bring Forward, Media Request, Media Destruction. Procedure completed on media during an event. Location where the event occurred. Date and time of event.	
Event.EventID Event.MediaID Event.EventStatus Event.Designation Event.Procedure Event.Location Event.EventDate Event.Outcome	Note about the archival media housed at a location. Database generated, Primary Key Foreign Key, Media Table Status of the event: Complete, Scheduled, Postponed. Name of the event: Deposit, Inventory, Audit, Inspection, Virus Check, Media Write, Quality Check, Format Conversion, Removal, Check Out, Bring Forward, Media Request, Media Destruction. Procedure completed on media during an event. Location where the event occurred. Date and time of event. Description of the event outcome.	12.4.15, 12.5.11
Event.EventID Event.MediaID Event.EventStatus Event.Designation Event.Procedure Event.Location Event.EventDate	Note about the archival media housed at a location. Database generated, Primary Key Foreign Key, Media Table Status of the event: Complete, Scheduled, Postponed. Name of the event: Deposit, Inventory, Audit, Inspection, Virus Check, Media Write, Quality Check, Format Conversion, Removal, Check Out, Bring Forward, Media Request, Media Destruction. Procedure completed on media during an event. Location where the event occurred. Date and time of event.	

	the event.	
Event.RetrievalRecipient	Individual who received the media.	12.5.10
Event.RetrievalRequestor	Individual who requested the media.	12.5.12
ProvenanceMedia.ProvenanceMediaID	Database generated, Primary Key	
ProvenanceMedia.ProvenanceID	Foreign Key, Provenance Table	
ProvenanceMedia.MediaID ProvenanceMedia.MediaCopy	Foreign Key, Media Table Instance of object stored on media: Preservation Master, Security Master, Duplication Master, Access Service Copy.	
ProvenanceMedia.RootPath	Path and directory of the object on the media.	
ProvenanceMedia.WriteDate	Date the object was written on the media.	
ProvenanceMedia.DeleteDate	Date the object was deleted from the media.	12.4.15
ProvenanceMedia.ValidationProc	Signature type used to generate validation key: MD5, SHA-1.	12.7.21
ProvenanceMedia.KeyCreationDate	Date validation key was generated.	
ProvenanceMedia.Result	Hash value, filename, or path and filename of stored validation signature.	12.7.20
ProvenanceMedia.LastCheckDate	Date validation key generated and compared with original.	12.7.21
ProvenanceMedia.NextCheckDate	Date scheduled for validation key comparison.	
DataFile.DataFileID	Database generated, Primary Key	
DataFile.ProvenanceMediaID	Foreign Key, ProvenanceMedia Table	
DataFile.FileName	Name of the file including its extension.	12.7.13
DataFile.FileSize	Size of the file in bytes.	
DataFile.ContentType	Type of content in the file: Data, Documentation, Permission, Startup.	
DataFile.MarkupType	Type of markup used to encode contents of file: HTML, SGML, XML.	12.7.13
DataFile.MarkupName	Name of schema and version employed for the MarkupType: TEI DTD, W3C XML.	
DataFile.MarkupSchema	Contents of schema used for the Markup Type.	
DataFile.FileAccessRight	Access rights or limitations specific to file: Universal Access -unrestricted, Research Use Only, Educational Use Only, Research and Educational	12.7.25

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	Use Only, Non-Commercial Use Only, On-Site Use Only, Signed Confidentiality Agreement Only, Staff Only, Staff Addresses Only, Licensees Only, Domestic IP Addresses Only, No Online Access, No Access Allowed Pending Further Evaluation.	
DataFile.ExpofAccessRight	Date access rights or restrictions specific to file expire.	
DataFile.PreservRestrictn	Preservation rights or limitations for preserving file.	
DataFile.EncryptionInfo	Description of encryption employed on file.	12.7.13, 12.7.28
DataFile.AccessInhibitors	Inhibitors to access inherent to the file: Password protection, AAA watermark.	12.7.13, 12.7.29
DataFile.FileType	MIME Media Type for file in format Content Type/Subtype: application/pdf, audio/mpeg, image/tiff, message/http, model/vrml, multipart/signed, text/html, video/mpeg.	
DataFile.FileVersion	Version of the MIME Media Type.	
DataFile.FileFormat	Software program used to create the file: Microsoft Word 2000, Microsoft Excel 2000.	12.7.13
DataFile.FormatRegistry	Registry to identify the software program used to create or view the file: Pronom.	
DataFile.RegistryEntry	Entry in the Format Registry for the file format.	
DataFile.DateModified	Last date and time when file was written or modified.	
DataFile.PreservFormat	File format is a preservation format: Y, N.	12.7.13
DataFile.AltFormat	Alternate or derivative formats that contain contents of file: txt, csv, pdf.	12.7.13
DataFile.OriginalFileID	Foreign key to DataFile.DataFileID. DataFileID for original file from which the file is a derivative.	
DataFile.OriginalFileName	Filename (and extension) for the original source file from which the file described is a derivative.	12.7.13
DataFile.Creation	Description of the file creation, coded to record file history: Original file received, Migrated file,	

	Archive generated file.	
DataFile.History	Description of file history,	
	coded string to record file	
	history: O = Original file	
	received. M = Migrated file.	
	A = Archive generated file.	
	MMO = Migrated file from	
	Migrated file from Original	
	file.	
DataFile.RefreshDate	Last date and time file was	
Balar no.remochbalo	written to any media.	
DataFile.AccessStartDate	Date when access to file	
Balar IIC./ (CCC33ClartBale	may be granted.	
DataFile.AccessEndDate	Date when access to file	
Datal lie.AccessEliaDate	ends.	
DataFile.DeaccessionDate	Date when file was	12.4.15
DataFile.DeaccessionDate	deaccessioned from	12.4.15
	archive.	
	archive.	
FiloPort FiloPort!D	Dotobooc generated	
FilePart.FilePartID	Database generated,	
Ella David Data Ella 1D	Primary Key	
FilePart.DataFileID	Foreign Key, DataFile Table	
FilePart.FilePartType	Type of FilePart: Table,	
	Screenshot, Thumbnail	
	Image, Page Image,	
	Annotation, Mask, Metadata	
	Text.	
FilePart.FilePartLoc	Location or address of	
	FilePart within the file:	
	Unknown.	
FilePart.FilePartDesc	Description of FilePart	
	differentiated from file.	
Environment.EnvironmentID	Database generated,	
	Primary Key	
Environment.DataFileID	Foreign Key, DataFile Table	
Environment.EnvironmentType	Type of environment	12.7.13
	required for data file:	
	Rendering Software,	
	Display Application,	
	Operating System,	
	Middleware, Hardware	
	CPU, Hardware	
	Peripherals.	
Environment.Title	Title of environment	
	software or hardware	
	required.	
Environment.Description	Description of	
	implementation	
	environment for data file.	
Environment.Documentation	Documentation for the	
	implementation	
	environment.	
Environment.ExpiryDate	Date environment is	
Επνιτοπιπιστικ.Ελριτίνοαιο	scheduled to expire or be	
	replaced.	
	Teplaceu.	
AccessRestriction.AccessRestrictionID	Database generated	
ACCESSRESTRICTION ACCESSRESTRICTION D	Database generated,	
Access Postriction Proveness ID	Primary Key Provence	
AccessRestriction.ProvenanceID	Foreign Key, Provenance	
	Table	

AccessRestriction.AccessRestriction	Security category or type of restriction: Onsite Use Only - Confidential Data- No Copying, Permission from Project Director Required, Confidentiality Agreement Required - No Copying or Network Access, Project Director only, Universal Access (unrestricted), Research Use Only, Educational Use Only, Research and Educational Use Only, Non-Commercial Use Only, Non-Commercial Use Only, On-Site Use Only, Signed Confidentiality Agreement Only, CU Personnel Only, CU Addresses Only, Domestic IP Addresses Only, No Online Access.	12.4.8, 12.4.10, 12.4.11, 12.7.9
AccessRestriction.AccessRestrictionDesc	Description of restriction on access to object.	12.4.9, 12.4.11
AccessRestriction.CurrentDeclaration	Confidentiality agreement or user agreement on restriction.	12.4.11, 12.7.10
AccessRestriction.SecurityNote	Note about the security restriction on object.	12.4.11, 12.4.14, 12.7.11
AccessRestriction.SecurityReviewDate	Date security restriction is scheduled for review.	12.7.19, 12.5.19
AccessRestriction.ARStartDate	Date access restriction on object begins.	12.4.11, 12.7.12
AccessRestriction.AREndDate	Date access restriction on object ends.	12.4.11
Decision.DecisionID	Database generated, Primary Key	
Decision.DecisionType	Type of Decision: Acquisition, Nomination for Dissemination, Nomination for Deaccession, Nomination for Transfer, Nomination for Accession, Dissemination, Disposition, Transfer, Provisional Use, Beta System Dissemination; Production System Dissemination.	
Decision.Decision	Decision about an object for a Decision Type. For Preservation Service: Preserve content, Preserve Original Formats; For SEDAC: Disseminate, Ancillary Product, Transfer to LTA; For SEDAC Acquisition: redistributed 3rd party data, value-added 3rd party data, SEDAC-developed; For LTA: Public Dissemination, Restricted Dissemination; (Others	12.7.17

	Considered: Under Review,	
	Disseminate, Delete,	
	Remove) The following 7	
	categories are not mutually	
	exclusive: Delete; Retire;	
	Long-Term Archive;	
	Archive, But Not	
	Disseminate, SEDAC	
	Disseminate by Type: -	
	Subsets Only, - Web	
	Download - Internet	
	Mapping; Missing; Add to	
	11 0	
	SDP; Consolidate.	
Decision.MeetingDate	Date when the decision was	
	made.	
Decision.DecisionActiveDate	Date on which the decision	
	is implemented.	
Decision.Authority	Authority deciding the	
,	status of an object within	
	the archive: CIESIN	
	Director, CIESIN Deputy	
	Director, CIESIN Deputy Director, CIESIN Associate	
	1	
	Director for IS, SEDAC	
	UWG, SEDAC Project	
	Manager, SEDAC Lead	
	Project Scientist, SEDAC	
	Archives Manager, SEDAC	
	Archivist, LTA Board, LTA	
	Manager, LTA Archivist.	
Decision.Note	Note of Rationale or	12.4.14
Decision.Note		
Decision.Note		
Decision.Note	Justification for making the	
Decision.inote		
	Justification for making the decision.	
ProvenanceDecision.ProvenanceDecisionID	Justification for making the decision. Database generated,	
ProvenanceDecision.ProvenanceDecisionID	Justification for making the decision. Database generated, Primary Key	
	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance	
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table	
ProvenanceDecision.ProvenanceDecisionID	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision	
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table	
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision	12.4.14
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in	12.4.14
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table	12.4.14
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific	12.4.14
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance.	12.4.14
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated,	12.4.14
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key	12.4.14
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right	12.4.14
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public	12.4.14
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID RightOwner.Entity	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain.	12.4.14
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain. Person who signed	12.4.14
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID RightOwner.Entity	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain.	12.4.14
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID RightOwner.Entity	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain. Person who signed document authorizing a	12.4.14
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID RightOwner.Entity RightOwner.Signator	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain. Person who signed document authorizing a right for an object.	12.4.14
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID RightOwner.Entity	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain. Person who signed document authorizing a right for an object. Title of signer authorizing a	12.4.14
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID RightOwner.Entity RightOwner.Signator	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain. Person who signed document authorizing a right for an object. Title of signer authorizing a right for an object.	12.4.14
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID RightOwner.Entity RightOwner.Signator	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain. Person who signed document authorizing a right for an object. Title of signer authorizing a right for an object. Contact information for	12.4.14
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID RightOwner.Entity RightOwner.Signator	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain. Person who signed document authorizing a right for an object. Title of signer authorizing a right for an object. Contact information for signer authorizing a right for	12.4.14
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID RightOwner.Entity RightOwner.Signator RightOwner.SignatorTitle RightOwner.SigContactInfo	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain. Person who signed document authorizing a right for an object. Title of signer authorizing a right for an object. Contact information for signer authorizing a right for an object.	12.4.14
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID RightOwner.Entity RightOwner.Signator	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain. Person who signed document authorizing a right for an object. Title of signer authorizing a right for an object. Contact information for signer authorizing a right for an object. Line 1 of right owner	12.4.14
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID RightOwner.Entity RightOwner.Signator RightOwner.SignatorTitle RightOwner.SigContactInfo	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain. Person who signed document authorizing a right for an object. Title of signer authorizing a right for an object. Contact information for signer authorizing a right for an object. Line 1 of right owner address.	12.4.14
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID RightOwner.Entity RightOwner.Signator RightOwner.SignatorTitle RightOwner.SigContactInfo	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain. Person who signed document authorizing a right for an object. Title of signer authorizing a right for an object. Contact information for signer authorizing a right for an object. Line 1 of right owner	12.4.14
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID RightOwner.Entity RightOwner.Signator RightOwner.SignatorTitle RightOwner.SigContactInfo	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain. Person who signed document authorizing a right for an object. Title of signer authorizing a right for an object. Contact information for signer authorizing a right for an object. Line 1 of right owner address.	12.4.14
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID RightOwner.Entity RightOwner.Signator RightOwner.SignatorTitle RightOwner.SigContactInfo	Justification for making the decision. Database generated, Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain. Person who signed document authorizing a right for an object. Title of signer authorizing a right for an object. Contact information for signer authorizing a right for an object. Line 1 of right owner address. Line 2 of right owner	12.4.14

RightOwner.State	State of right owner.	
RightOwner.Country	Country of right owner.	
RightOwner.PostalCode	Postal code for right owner.	
RightOwner.Telephone	Telephone number for right	
g	owner.	
RightOwner.Fax	Fax number for right owner.	
RightOwner.Email	E-mail for right owner.	
RightOwner.Website	URL of right owner website.	
RightOwner.Note	Note about right owner.	
-		
Right.RightID	Database generated,	
	Primary Key	
Right.RightType	Type of right held:	
	copyright, license, public	
	domain, contract,	
	Permission.	
Right.RightName	Distribution Right, Usage	12.4.9
	Right, Preservation Right,	
	Access Right, Print Right.	
Right.RightDesc	Description of the right and	12.7.25
	intellectual property	
	restrictions or obligations.	
Right.Note	Note on rights for object.	12.4.14
RightHeld.RightHeldID	Database generated,	
	Primary Key	
RightHeld.RightOwnerID	Foreign Key, RightOwner	
B: 14111B	Table	
RightHeld.ProvenanceID	Foreign Key, Provenance	
D: 141 11 D: 141	Table	
RightHeld.RightID	Foreign Key, Right Table	
RightHeld.RightOrigination	Right granted to others or	
	received from owner:	
Disabiliald Companion	Granted, Received.	
RightHeld.CurDeclaration	Content of license, contract,	
PightHold PightDogFile	or permission statement. Filename and directory path	
RightHeld.RightDocFile	of the digital (or scanned)	
	document that authorizes	
RightHeld.RightDocLoc	rights for an object. Location of original printed	
Nighti leid.NightDocLoc	license, contract, or	
	permission document:	
	Onsite Archive, Offsite	
	Archive, Storeroom, Not	
	Printed.	
RightHeld.BeginDate	Date of execution for rights	
ragna ioid.bogiiibate	held or date of contract if	
	not specified.	
RightHeld.ExpiryDate	Date of expiration for rights	
- 1.g 10.0.2.2.p.ii j 20.00	held or null if no expiration	
	date.	
RightHeld.Receiver	Person who signed	
<u>g</u>	document (or agreed to	
	conditions) and is	
	authorized to acquire or use	
	object.	
RightHeld.Cost	Cost to acquire object or	
O	rights to object.	
RightHeld.CostUnit	Monetary unit for cost to	
<u> </u>	acquire object or rights to	
		1

object.	
Note on right held for an object.	12.4.14
Brief description of right held and intended usage group or purpose: Use and distribute freely, Use and distribute only within organization, Distribute for research or educational purposes, Third party distribution, Research use only, Educational use only, Non-commercial use only, Staff use only.	12.4.8
Request for rights, including the reason to justify authorization.	
	Note on right held for an object. Brief description of right held and intended usage group or purpose: Use and distribute freely, Use and distribute only within organization, Distribute for research or educational purposes, Third party distribution, Research use only, Educational use only, Non-commercial use only, Staff use only. Request for rights, including the reason to justify

Crosswalk:

Data Model for Managing and Preserving Geospatial Electronic Records to DOD 5015.2-STD Design Criteria Standard for Electronic Records Management Software Applications. June 19, 2002. Assistant Secretary of Defense for Command, Control, Communications and Intelligence. Available Online: http://jitc.fhu.disa.mil/recmgt/standards.html

File Plan Components (C2.T1) Record Folder Components (C2.T2) Record Metadata Components (C2.T3)

Field	Definition	DoD5015.2
Collection.CollectionID	Database generated,	C2.T1.2. Record Category
	Primary Key	Identifier
Collection.Title	Title for a Collection:	C2.T1.1. Record Category
	CIESIN Archive, SEDAC	Name
	Scientific Data Archives,	
	specific project Archive.	
Collection.Description	Description of the collection	C2.T1.3. Record Category
	and keywords.	Description
Collection.AccessReqmnt	Requirements for accessing	
	the collection: Object	
	Specific Requirements,	
	CMB Approval, Systems	
	Manager Approval.	
Collection.InstallReqmnt	Requirements for	
	installation of collection	
Collection.SizeReqmnt	Storage volume	
	requirement for collection,	
	automatically calculated.	
Collection.AccessInhibitor	Method(s) employed to	
	inhibit access to collection	
	that could affect	
	preservation, such as	
	encryption or watermarking.	
Collection.FindingAid	Method used to facilitate	
	discovery of collection.	
Collection.PresrvPermission	Statement of permission to	
	copy collection or migrate to	
	various formats for	
0 11 11 15 1 11 15	preservation.	
Collection.RelationDesc	Description of relationships,	
	relevant for preservation,	
	between collection and	
Collection.Quirk	other objects or collections.	
Collection.Quirk	Characteristic that could	
	degrade functionality or	
Collection.Purpose	aspects of the collection. Purpose and reason for	
Collection.Purpose		
	archiving the collection:	
	Funding Agency Requirement; Scientific	
	Value; Historical value;	
	Fiduciary responsibility.	
Collection.DecisionDate	Date of decision to archive	
Collection. DecisionDate	the collection.	
Collection.AccessStartDate		
Collection.AccessStaftDate	Date access was provided	
	to collection.	

Collection.AccessEndDate	Date when access to collection ended.	
Collection.DeaccessionDate	Date collection is	
Collection. Deaccession Date	deaccessioned by archive.	
Collection.Note	Notes about collection.	C2.T1.9 User Definable Fields
Series.SeriesID	Database generated, Primary Key	C2.T2.1.2. Folder Unique Identifier
Series.CollectionID	Foreign Key, Collection Table	
Series.Title	Title of a record series category within a Collection: CIESIN Administrative Records, CIESIN Records Common to All Projects, CIESIN Scientific Data, SEDAC Operations Records, SEDAC Active Archive, SEDAC Long-Term Archive.	C2.T2.1.1. Folder Name
Series.SeriesCode	Unique identifier for the record category: SEDAC Active Archive, SEDAC Long-Term Archive, CIESIN Archive, Series 100 CIESIN Records, Series 500 CIESIN Records, Series 600 SEDAC Operations Records, Series 700 SEDAC Active Archive, Series 800 Series Long-Term Archive.	C2.T2.1.6 Supplemental Marking List
Series.Description	Description of the series.	
Series.VRIndicator	Category of vital records, if applicable, for the series: Non-Vital Records, Emergency - Operating Records, Legal or Financial Rights, Emergency and Rights Records.	C2.T2.1.4. Vital Record Indicator
Series.VRReviewDate	Date of next review of vital records in series.	
Series.Activity	Level of use for series, assignment based on SeriesActivity.	
Series.ActivityDate	Date when activity for the series was reviewed and assigned.	
Series.CutoffDate	Date to cutoff records in series.	
Series.AnnualAccum	Estimate of annual accumulation of records in series.	
Series.AccessStartDate	Date when access to series began.	
Series.EndDate	Date when access to series ended.	
Series.DeaccessionDate	Date of deaccession for all records in series.	
Series.Note	Notes about the series.	C2.T2.7 User-Definable

		Fields
0 1 1 1 1 1 0 1 1 1 1 1 1 1		
SeriesActivity.SeriesActivityID	Database generated, Primary Key	
SeriesActivity.SeriesID	Foreign Key, Series Table.	
SeriesActivity.PeriodStartDate	Date series activity period	
,	began.	
SeriesActivity.PeriodEndDate	Date series activity period	
	ended.	
SeriesActivity.UniqueUserCnt	Number of unique users of	
	series during period.	
SeriesActivity.TotalUserCnt	Total number of users of	
Carian Antivity Nata	series during period. Notes about series activity	
SeriesActivity.Note	for a given period.	
	ioi a giveri period.	
Aggregate.AggregateID	Database generated,	
7.ggrogato rggrogatorb	Primary Key	
Aggregate.SeriesID	Foreign Key, Series Table	
Aggregate.Title	Title of Aggregate category	
	assignment. For SEDAC	
	Scientific Data Series	
	mission areas: PLUE,	
	ENTRI, EH, MVA, HVA,	
	AFS, ES, EX, IG.	
Aggregate.AccessStartDate	Date access to aggregate	
A	began.	
Aggregate.AccessEnDate	Date when access to	
Assuranta Danasasian Data	aggregate ended.	
Aggregate.DeaccessionDate	Date of deaccession for all	
	records in aggregate.	
Provenance.ProvenanceID	Database generated,	C2.T3.1 Unique Record
1 Toverlande: Toverlander	Primary Key	Identifier
Provenance.AggregateID	Foreign Key, Aggregate	
33 - 3	Table	
Provenance.Origin	Description of the creation	
	process of the object.	
Provenance.Title	Formal Title that identifies	C2.T3.3 Subject or Title
	or describes the object.	
Provenance.Version	Identification to differentiate	
	object from other versions.	
Provenance.PreIngest	Description of pre-ingest	
	processing and custody of object.	
Provenance.CreationDate	Date object was completed	C2.T3.7 Publication Date
1 Toverlance. Orealion Date	by Author.	OZ.10.7 1 abilication bate
Provenance.SubmissionDate	Date object was submitted	
	to the archive for ingest.	
Provenance.Citation	Complete citation for object.	
Provenance.DesignatedCommunity	Description of designated	
	community of users,	
	potential users, or audience	
	for the object: Human	
	interactions in the	Í
	environment community,	
	environment community, Decision-maker, Learner,	
	environment community, Decision-maker, Learner, Manager, Scientist,	
Provenance.ReqdPreservationService	environment community, Decision-maker, Learner,	

	requested by submitter or	
	data provider: Preserve	
	Original Formats; Preserve	
	Content in Supported Formats.	
Provenance.ReqdDisseminatnServce	Level of dissemination	
	service or dissemination	
	plan requested by submitter	
	or data provider: Restricted	
	dissemination. Public	
Provenance.ReasonForCreation	Dissemination. Reason or purpose for	
1 Toverlance.reasoni orcreation	creating the described	
	object.	
Provenance.CustodyHistory	Chain of custody of object	
	prior to ingest into archive.	
Provenance.ReasonForPreservation	Justification for selecting	
	object for preservation in archive.	
Provenance.AcquisitionDate	Date original object was	C2.T3.6 Date Filed
1 Toverlance. Acquisition bate	acquired by archive.	Oz. 13.0 Date 1 lied
Provenance.AcquisitionVolume	Volume of original object	
·	acquired by archive.	
Provenance.AcquisitionFileInventory	List of all files in original	
D : 1D /	object acquired by archive.	00 T0 0 D + D + 1
Provenance.ReceivedDate	Date object received by the Archivist.	C2.T3.8 Date Received
Provenance.DeaccessionDate	Date the object was	
	deaccessioned from	
D AIDY I	archive.	
Provenance.AIPVolume	Total Size of the Archival Information Package	
	created by the archive to	
	preserve the Content	
	Information and Associated	
	Material	
Provenance.ContentInformationSize	Size of Content Information	
	of the Archival Information Package in Bytes.	
Provenance.AssociatedMaterialSize	Size of material associated	
1 Toverlande./ tooddiatediviaterialoize	with the Content	
	Information of the AIP in	
	Bytes.	
Provenance.Functionality	Description of any	
	functional characteristics of	
Provenance.AIPFileInventory	the object. List of all filenames and	
i Toveriance.All Fliethveritory	sizes organized by the	
	directory structure.	
Provenance.AIPDataDictionary	List of each filename in	
	object with title of document	
	or description for each file,	
Provenance.AIP	including alternate formats. All the files within their	
	preservation structure,	
	containing Content	
	Information and Associated	
	Information that has been	
	transformed by the Archive	
	for preservation (location in	
	system if dbms is part of the	

	repository).	
Provenance.AIPCreationDate	Date archive created	
	Preservation Master for	
	Archival Information	
	Package.	
Provenance.ReceivedSIP	All of the files (within their	
	original structure) received	
	from the provider in the	
	Submission Information	
	Package (SIP) containing	
	the Content Information and	
	all Associated Information	
	for the original object	
	acquired (stored in system	
	if dbms is part of the	
Dravanana DranaradCID	repository). All of the files (within their	
Provenance.PreparedSIP		
	preservation structure), containing the Content	
	Information and the	
	Associated Information that	
	have been prepared by the	
	Archive for submission to	
	another Archive or	
	Collection (stored in system	
	if dbms is part of the	
	repository).	
Provenance.VitalRecordIndicator	Vital Record status of	C2.T1.7. Vital Record
	object: Non-Vital Record,	Indicator
	Emergency - Operating	C2.T2.1.4. Vital Record
	Record, Legal or Financial	Indicator
	Rights Record, Emergency	C2.T3.14. Vital Record
	and Rights Record.	Indicator
Provenance.PermRecordIndicator	Indicator that the record is a	C2.T1.6. Permanent
Daniel Da	Permanent Record: N, Y.	Record Indicator
Provenance.RecordCondition	Condition of record.	
Provenance.Description	Description of the intellectual content of the	
	object.	
Provenance.Methodology	Instruments and techniques	
1 Toverlance: Methodology	used to create the data.	
Provenance.Variable	Variables, layouts, and	
	codes used to describe the	
	data.	
Provenance.SpatialCoverageDesc	Political or geographical	
• •	description of spatial	
	coverage.	
Provenance.SpatialCoverageNote	Latitude and longitude	
	covered, if available.	
Provenance.SpatialResolution	Spatial Resolution.	
Provenance.SpatialResolutionNote	Notes on the spatial	
000	resolution of the object.	
Provenance.SRS	Spatial Reference System	
Dravanana DDMir V	used for spatial resolution.	
Provenance.BBoxMinX	Minimum X Coordinate	
	(Longitude) for the	
Provenance.BBoxMinY	Bounding Box. Minimum Y Coordinate	
FIOVERIALICE.DDUXIVIIITY	(Latitude) for the Bounding	
	Box.	
	. DUA.	1
Provenance.BBoxMaxX	Maximum X Coordinate	

Provenance.BBoxMaxY		
Provenance.bboxwax r	Bounding Box. Maximum Y Coordinate (Latitude) for the Bounding	
Provenance.SpatialCoverage	Box. If database supports native spatial data types, this field should be used to store actual shape of spatial coverage.	
Retention.RetentionID	Database generated, Primary Key	
Retention.ProvenanceID	Foreign Key, Provenance Table, if retention relates to provenance.	
Retention.SeriesID	Foreign Key, Series Table, if retention relates to series.	
Retention.Instruction	Instructions for retention or disposition of record or series: Review every Five Years, Retain Indefinitely, Freeze, Transfer to LTA, Retire, Destroy.	C2.T1.4. Disposition Instructions
Retention.InstructionReason	Justification for retention instructions on record or series.	
Retention.InstrctnDate	Date instructions were decided for record or series.	
Retention.InstrctnActDate	Date instructions are to be executed for record or series.	
Retention.ScheduleDate	Date record or series will be reviewed.	C2.T1.8. Vital Record Review and Update Cycle Period C2.T2.1.5 Vital Record Review and Update Cycle Period C2.T3.15. Vital Record Review and Update Cycle Period Review and Update Cycle Period
Retention.Authority	Name of individual or group deciding on instructions for record or series: SEDAC UWG, LTA Board.	C2.T1.5. Disposition Authority
TemporalData.TemporalDataID	Database generated, Primary Key	
TemporalData.ProvenanceID	Foreign Key, Provenance Table	
TemporalData.TCovPrecision	Precision of data used to describe temporal coverage: Year, Month, Day.	
TemporalData.TCovStart	Start date for data collection.	
T 10 1 TO 1	End date for data collection.	
TemporalData.TCovEnd TemporalData.TCovProjectionTo	Date of temporal coverage	

	uccessive
granule pr	ns, frequency of
	oduction.
Relationship.FromProvenancID Foreign Ke	ey, Provenance
	t of Primary Key
	ey, Provenance
Table, par	t of Primary Key
	mary Key. Type
	ship: Subset,
	Derivative,
Source, E	ktract, Version,
Release, E	Edition, Integrates
Parts, Cor	
	onship began.
	onship ended.
Relationship.Note Note about	t the relationship.
	generated,
Primary K	еу 📗
	ey, Provenance
Table	
	entifier for which
the object	
	a unique ID:
	ntifier, TDB ID,
UMDB Re	c #, DOI, ISBN.
Identification.IdentifierAssigned Unique Ide	entifier assigned
	ct for an identifier
type.	
1,750.	
ProvReference.ProvReferenceID Database	generated,
Primary K	=y
	ey, Provenance
Table	
ProvReference.RefAuthor Names of	authors of
reference	work.
ProvReference.RefAuthorRole Role of au	thors of reference
work (Eds	
	erence work.
ProvReference.MonographAuthor Author nat	
1	n containing
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ProvReference.MonographAuthRole Role of au monograp reference ProvReference.MonographTitle Title of motocontaining ProvReference.JournalTitle Title of jour reference ProvReference.TranslatedTitle English train another ProvReference.Edition Edition idea	thors of h containing work (Eds.) nograph reference work. rnal containing work. inslation of title if language.
ProvReference.MonographAuthRole Role of au monograp reference ProvReference.MonographTitle Title of motocontaining ProvReference.JournalTitle Title of jour reference ProvReference.TranslatedTitle English train another ProvReference.Edition Edition idea	thors of h containing work (Eds.) nograph reference work. rnal containing work. inslation of title if language. ntifier of h containing
ProvReference.MonographAuthRole ProvReference.MonographTitle ProvReference.MonographTitle ProvReference.JournalTitle ProvReference.TranslatedTitle ProvReference.Edition Role of au monograp reference Title of mo containing Title of journalTitle English train another ProvReference.Edition Edition ide monograp reference	thors of h containing work (Eds.) nograph reference work. rnal containing work. inslation of title if language. ntifier of h containing work.
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ProvReference.MonographAuthRole ProvReference.MonographTitle ProvReference.MonographTitle ProvReference.JournalTitle ProvReference.TranslatedTitle ProvReference.Edition ProvReference.Edition ProvReference.SubsidiaryAuthor ProvReference.SubsidiaryAuthor ProvReference.SubsidiaryAuthor ProvReference.MonographTitle Title of monograph Title in another English tration another Role of authors if an another ProvReference.SubsidiaryAuthor Names of authors if an another ProvReference.SubsidiaryAuthor	thors of h containing work (Eds.) nograph reference work. rnal containing work. inslation of title if language. ntifier of h containing work.
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ProvReference.MonographAuthRole ProvReference.MonographTitle ProvReference.MonographTitle ProvReference.JournalTitle ProvReference.TranslatedTitle ProvReference.Edition ProvReference.Edition ProvReference.SubsidiaryAuthor ProvReference.SubsidiaryAuthor ProvReference.PublicationPlace ProvReference.PublicationPlace ProvReference.MonographTitle Title of monograph Title of pour reference English train another Roman Mare of authors if a institution. ProvReference.PublicationPlace Location was a single provided and provided authors in a sinstitution.	thors of h containing work (Eds.) nograph reference work. rnal containing work. inslation of title if language. rntifier of h containing work. subsidiary author is an
ProvReference.MonographAuthRole ProvReference.MonographTitle ProvReference.MonographTitle ProvReference.JournalTitle ProvReference.TranslatedTitle ProvReference.Edition ProvReference.Edition ProvReference.SubsidiaryAuthor ProvReference.SubsidiaryAuthor ProvReference.PublicationPlace ProvReference.PublicationPlace ProvReference.PublicationPlace ProvReference.MonographTitle Title of monograph Title English train another Edition ide monograph Teference ProvReference.PublicationPlace Location work is pu	thors of h containing work (Eds.) nograph reference work. rnal containing work. inslation of title if language. rntifier of h containing work. subsidiary author is an

	publisher.	
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ProvReference.PublicationYear	Year when reference work	
1 TOVINGIGIETICE.1 ablication 1 ear	was published.	
ProvReference.CopyrightDate	Date of copyright for	
FlovReletence.CopyrightDate	reference work.	
ProvReference.VolumeID	Volume identifier of	
Provide letter de la volument	reference work.	
ProvReference.lssueID	Issue identifier of reference	
Providerence.issueiD		
Dray Deference Dema	work.	
ProvReference.Page	Range of pages of	
D D () W 15 ()	reference work.	
ProvReference.WorkExtent	Total number of pages of	
	reference work.	
ProvReference.PackagingMethod	Public accessibility of	
	reference work.	
ProvReference.SeriesEditor	Editor of series containing	
	reference work.	
ProvReference.SeriesEditorRole	Role of Editor for series	
	containing reference work.	
ProvReference.SeriesTitle	Title of series containing	
	reference work.	
ProvReference.SeriesVolumeID	Volume identifier for series	
	containing reference work.	
ProvReference.SeriesIssueID	Issue identifier for series	
	containing reference work.	
ProvReference.DocumentType	Type of reference work. Ex:	
1 Tovicolorido. Bodamone 1 ypo	Journal, Book, Proceedings	
ProvReference.URL	URL of text or full reference	
1 TOVICE LETTER CONC	of reference work.	
ProvReference.Availability	File path or file cabinet if	
1 TOVINGIGIBLICE. Availability	stored, or blank if not	
	available.	
ProvReference.ISBN	ISBN number for reference	
PIOVREIEIEIICE.IODIN	work.	
Drey Deference Note	-	
ProvReference.Note	Note about reference work.	
ProvReference.RefAbstract	Abstract of reference work.	
ProvReference.CallNumber	Identifier in classification	
	system (LOC, Dewey, or	
	other).	
ProvReference.ReferenceType	Use of object by reference	
	work. Ex: Report,	
ProvReference.RefCitation	Complete bibliographic	
	reference for reference	
	work.	
ProvReference.RefCitSource	Citation database or service	
	listing reference and date	
	found.	
ProvReference.RefUseRight	Right or permission to use	
3	reference work, citation, or	
	abstract.	
ProvReference.RefAccessRight	Right/permission to access	
	or link reference work,	
	citation or abstract.	
ProvReference.DisplayOrder	Order in which reference	
	work will appear in	
	reference list.	
	10101001001	
Property.PropertyID	Database generated,	
i roporty.i ropertyro	Dalabase generaleu,	
	Primary Key	

Property.PropertyParentID	Foreign Key, Property Table	
Property.PropertyName	Name of the property	C2.T3.16. User-Defined
	describing an object: Ingest	Fields
	Status, Ingest Format	
	Processing, Significant	
	Property, DCMI Type,	
	Document Type, Content	
	Type, Subject, Language.	
	For Ingest Status: Under	
	Development by Creator,	
	Being Prepared for	
	Submission, Received by	
	Archivist, Content Review	
	Pending, Content Under	
	Review by Archivist,	
	Content Review Complete,	
	Description Pending,	
	Description Under Review,	
	Description Complete, DOI	
	Assigned, Quality Review	
	Pending, Quality Review	
	Complete, Failed Content	
	Quality Review. Rejected -	
	Data Returned to Creator,	
	Ingested, Destroyed; For	
	Ingest Format Processing:	
	All files Ingested in	
	Supported Formats,	
	Original Non-Supported	
	Formats Only, Original	
	formats and All Files	
	Migrated to Supported	
	Formats; For Significant	
	Properties: Intellectual	
	Content of Text, intellectual	
	content of image; For DCMI	
	Type: Collection, Dataset,	
	Event, Image, Interactive	
	Resource, Moving Image,	
	Physical Object, Service,	
	Software, Sound, Still	
	Image; For Document Type	
	(ISO 19115 Document	
	Type):	
	PresentationFormCode:	
	documentDigital,	
	documentHardcopy,	
	imageDigital,	
	imageHardcopy,	
	mapDigital, mapHardcopy,	
	modelDigital,	
	modelHardcopy,	
	profileDigital,	
	profileHardcopy,	
	tableDigital, tableHardcopy,	
	videoDigital,	
	videoHardcopy; Content	
	Type: Data, Documentation,	
	Permission; Subject	
	thesaurus or controlled	
	vocabulary; Language:	

	Facility Consider	T
	English, Spanish.	
Property.PropertyDesc	Description of a property.	
Property.PropertyStatus	Current status of the	
., . , ., .,	property: Valid, Not in Use.	
	1	
Provenance_Property.ProvenancePropertyID	Database generated,	
1 Toverlance_1 Toperty.1 Toverlancer Toperty15	Primary Key	
Provenance_Property.ProvenanceID	Foreign Key, Provenance	
Flovenance_Floperty.FlovenanceiD	Table	
Provenance_Property.PropertyID	Foreign Key, Property	
	Table	
Provenance_Property.PPStartDate	Date when property began	
Provenance_Property.PPEndDate	Date when property ended.	
Provenance_Property.Note	Note about property as it	
	pertains to a particular	
	provenance.	
ProvenanceNote.ProvenanceNoteID	Database generated,	
Flovenancenote.Flovenancenoteid		
D N (D ID	Primary Key	
ProvenanceNote.ProvenanceID	Foreign Key, Provenance	
	Table	
ProvenanceNote.NoteText	Note about the provenance	
	of an object.	
ProvenanceNote.PostedBy	Person who posted the note	
•	about the provenance of an	
	object.	
ProvenanceNote.PostedOn	Date the note was posted.	
ProvenanceNote.NoteType	Type of provenance note:	
1 Tovoriance Note in Note Type	Accession, Maintenance,	
	Disposition.	
	Візрозіцоп.	
Oth outitle Oth outitle ID	Detabase generated	
OtherTitle.OtherTitleID	Database generated,	
	Primary Key	
OtherTitle.ProvenanceID	Foreign Key, Provenance	
	Table	
OtherTitle.TitleType	Alternate Title, Former Title	
OtherTitle.Title	Other title of an object.	
OtherTitle.Note	Note about the other title of	
	an object.	
Person.PersonID	Database generated,	
1 613011.F61301110		
Deven DreveneralD	Primary Key	
Person.ProvenanceID	Foreign Key, Provenance	
	Table	
Person.PersonRole	Role of responsible person:	C3.T2.9. Author or
	Author, Contributor,	Originator
	Recipient, Internal Contact,	C3.T2.10. Addressee(s)
	Accessioner, Originating	C3.T2.11. Other
	Organization Technical	Addressee(s)
	Contact, Originating	\
	Organization Program	
	Contact, Environment	
	Manager, Security Official.	
Person.PersonOrder	Order in which person will	
i diddini diddindiddi	appear in a Person Role	
	Tappear iii a reisuii kule	

	list, if sorted.	
Person.FirstName	First name of person.	
Person.LastName	Last name of person.	
Person.Address1	Line 1 of person address.	
Person.Address2	Line 2 of person address.	
Person.City	City of person.	
Person.State	State of person.	
Person.Country	Country of person.	
Person.PostalCode	Postal code address for	
1 discini solaresas	person.	
Person.Phone	Telephone number for	
T Glocim Home	person.	
Person.Fax	Fax number for person.	
Person.Email1	Primary e-mail address for	
	person.	
Person.Email2	Second e-mail address for	
	person.	
Person.Note	Note about person.	
	·	
Institution.InstitutionID	Database generated,	
	Primary Key	
Institution.ProvenanceID	Foreign Key, Provenance	
	Table	
Institution.InstitutionRole	Role of institution for object.	C2.T3.12. Originating
	Originating Organization,	Organization
	Program Support.	
Institution.InstitutionOrder	Order in which the	
	institution will appear on an	
	institution role list If higher	
	priority has been assigned.	
Institution.InstitutionName	Name of institution.	
Institution.Address1	Line 1 of institution address.	
Institution.Address2	Line 2 of institution address.	
Institution.City	City of institution.	
Institution.State	State of institution.	
Institution.Country	Country of institution.	
Institution.PostalCode	Postal code for institution	
	address.	
Institution.Phone	Telephone number for	
	institution.	
Institution.Fax	Fax number for institution.	
Institution.Website	Website URL for institution.	
Institution.Note	Note about institution.	
Document.DocumentID	Database generated,	
	Primary Key	
Document.ProvenanceID	Foreign Key, Provenance	
	Table	
Document.DocumentType	Type of document	
31 -	describing the object: User	
	Manual, User Guide,	
	Variable List, Codebook,	
	Data Layout, Parameter	
	List, User Notes, File	
	Inventory, Installation	
	Instructions, Splash Page.	
Document.Title	Title of document	
	describing the object.	
Document.ArchivalID	Identifier of the document if	
	recorded as a provenance.	
	. 200. 404 40 4 provonarioo.	T I

Document.AccessPoint	URL of access point that	
Document. Accessi onit	disseminates document	
	(http://; ftp://).	
Document.FileName	Filename of the document.	
Document.Scheme	Encoding scheme for the	
Boodinging	document. MARC, EAD,	
	VRA, DC, NISOIMG, LC-	
	AV, TEIHDR (Text	
	Encoding Initiative Header),	
	DDI, FGDC-STD-001-1998,	
	FGDC CSGDM, DIF, ISO	
	19115, NY State	
	Clearinghouse, Metalite,	
	IEEE LOM, ESRI,	
	Unknown.	
Document.Language	Language in which the	
	document is written:	
	English, Spanish.	
Document.AdditionalInfo	Additional information about	
	the document.	
Distributor.DistributorID	Database generated,	
	Primary Key	
Distributor.DistributorName	Name of the service that	
	distributes a dissemination	
	of an object: CIESIN,	
	Columbia Earth Institute,	
	SEDAC, SEDAC LTA.	
Distributor.Address1	Line 1 of distributor	
Distributes Address 0	address.	
Distributor.Address2	Line 2 of distributor address.	
Distributor.City	City of distributor.	
Distributor.State	State of distributor.	
Distributor.PostalCode	Postal Code of distributor.	
Distributor.Country	Country of distributor.	
Distributor.TelePhone	Telephone number of	
2.51.154.61.175.61.61.6	distributor.	
Distributor.Fax	Fax number of distributor.	
Distributor.URL	URL of distributor.	
Distributor.Email	Email address of distributor.	
Distributor.Website	Website of distributor.	
Dissemination.DisseminationID	Database generated,	
	Primary Key	
Dissemination.DistributorID	Foreign Key, Distributor	
Discourie ation Madiene	Table	
Dissemination.Medium	Primary data storage	
	medium for distributing	
	object from dissemination	
	service: CD-ROM, DVD, URN, URL, FTP.	
Dissemination.PublicAccessPoint	Primary Access Point for	
Dissertification a ability of the second sec	distributing object to the	
	public from dissemination	
	service (http://; ftp://).	
Dissemination.InternalLocation	Path and folder name of	
2.000//middoff.mtomarEoution	location from which object	
	is distributed from internal	
	dissemination service.	
Dissemination.DissemSize	Size of object disseminated	
=::::::::::::::::::::::::::::::::::::::	2.20 0. 00j00. diodoiimid.0d	

	in Bytes	
Dissemination.StartDate	Date dissemination service	
	began disseminating object.	
Dissemination.EndDate	Date dissemination service	
Diodoniniation. Enabato	discontinued disseminating	
	object.	
Dissemination.DIPDescription	File Inventory of all files	
Dissemination. Dir Description	included in the	
	Dissemination Information	
	Package (DIP) submitted to	
	dissemination service for	
	distribution.	
Dissemination.DissemCharge	Amount received from	
Disseriination. Disseriionarge	dissemination service for	
Discourie etia a Discour Observat Init	distributing object.	
Dissemination.DissemChargeUnit	Monetary unit of	
51 1 1 5 1 1 5 1 1 1	DissemCharge.	
Dissemination.OriginalPublisher	Flag indicating that	
	dissemination is by Original	
	Publisher: N, Y.	
Dissemination.PrimaryDistributor	Flag indicating that	
	dissemination is by Primary	
	Distributor: N. Y.	
DissemAltPoint.DissemAltPointID	Database generated,	
	Primary Key	
DissemAltPoint.DisseminationID	Foreign Key, Dissemination	
	Table	
DissemAltPoint.AltAccessPoint	Alternate access point	
	disseminating object	
	(http://; ftp://).	
DissemAltPoint.StartDate	Date started disseminating	
	object at alternate access	
	point.	
DissemAltPoint.EndDate	Date stopped disseminating	
	object at alternate access	
	point	
DissemAltPoint.Note	Note on alternate	
Diocominate outlineto	dissemination point.	
	diccommunity period	
ProvDissemination.ProvDisseminationID	Database generated,	
	Primary Key	
ProvDissemination.DisseminationID	Foreign Key, Dissemination	
า เองปางจะเกเกินเปที่เปางจะเกเกินเปที่เป	Table, part of Alternate Key	
ProvDissemination.ProvenanceID	Foreign Key, Provenance	
FIOVDISSEMINATION.FIOVERIANCEID	Table, part of Alternate Key	
Dray Diagonain ation DoctDath		
ProvDissemination.RootPath	Directory path where object	
	is disseminated within	
DrouDingomination CtartDat-	group.	
ProvDissemination.StartDate	Date object began being	
D D: : : : = 10 :	disseminated within group.	
ProvDissemination.EndDate	Date object no longer	
	disseminated within group.	
ProvDissemination.Note	Note on object	
	dissemination within group.	
PDFileList.PDFileListID	Database generated,	
	Primary Key	
PDFileList.ProvDissemID	Foreign Key,	
	ProvDissemination Table	
PDFileList.FileName	Name of the file listing files	
	<u> </u>	

	disseminated in	
	dissemination.	
PDFileList.StartDate	Date the listed files were	
	included in dissemination.	
PDFileList.EndDate	Date the listed files were no	
	longer in dissemination.	
PDFileList.Note	Note about the list of files	
	included within	
	dissemination.	
Catalog.CatalogID	Database generated,	
	Primary Key.	
Catalog.CatalogName	Name of the catalog where	
	an object is registered:	
	SEDAC, CIESIN, EDGRS,	
	ESIP, DLESE, NSDL.	
Catalog.URL	URL of the catalog where	
	an object is registered.	
Catalog.ContactInfo	Contact information for a	
	catalog where an object is	
	registered.	
CatalogEntry.CatalogEntryID	Database generated,	
	Primary Key.	
CatalogEntry.DisseminationID	Foreign Key, Dissemination	
	Table.	
CatalogEntry.CatalogID	Foreign Key, Catalog Table.	
CatalogEntry.EntryID	Unique Identifier in the	
	catalog for the record	
	describing the object.	
CatalogEntry.Submission	Date description of entry	
	was submitted to a catalog.	
CatalogEntry.StartDate	Date catalog entry was	
	available.	
CatalogEntry.EndDate	Date catalog entry was no	
	longer available.	
CatalogEntry.EntryStatus	Status of catalog entry:	
	None, Partial, Complete,	
	Removed.	
CatalogEntry.EntryDesc	Description of the	
	dissemination included in	
	the fields of the entry.	
CatalogEntry.EntryLastUpdate	Date of the last update to	
	the catalog entry for the	
0	object.	
CatalogEntry.Note	Note about the catalog	
	entry for an object.	
Location.LocationID	Database generated,	
	Primary Key	
Location.LocType	Type of location. Onsite	
	Offline Archive, Offsite	
	Offline Archive, Onsite	
	Processing, Onsite	
	Network, Onsite Storage	
Landin Lanking	Shelves.	00.704.01 "
Location.LocName	Name of the Location.	C2.T2.1.3 Location
	CIESIN Archival Facility,	
	GISS Computer Room,	
	Geoscience Computer	
	Room, Geoscience Storage	

	Room.	
Location.LocDesc	Description of the archival	
	facilities at the location.	
Location.LocAGENT	Name of the individual	
	responsible for the location.	
LocationParam.LocationParamID	Database generated,	
	Primary Key	
LocationParam.LocationID	Foreign Key, Location	
	Table	
LocationParam.ParamName	Name of the parameter	
	measured at the location:	
	Temperature, High	
	Temperature, Low	
	Temperature, Humidity, High Humidity, Low	
	Humidity, Inventory,	
	Recovery Test.	
LocationParam.ParamValue	Value of the parameter	
	measured at the location.	
LocationParam.ParamUnit	Unit of measurement for	
	recorded value measured at	
	location: Degrees	
	Fahrenheit, Percentage.	
LocationParam.ParamDate	Date and time of	
	measurement.	
LocationParam.ParamNote	Note on instrument or	
	parameter measured.	
M E M E ID	D. I.	
Media.MediaID	Database generated,	
Madia Madia Typa	Primary Key Type of media used: CD-	C2.T3.4 Media Type
Media.MediaType	ROM, CD-R, DVD-R,	C2.13.4 Media Type
	DVD+R, Print.	
Media.MediaBrand	Brand of the media: TDK	
	700 MB 48x Data CD-R.	
Media.MediaPurchaseDate	Date the media was	
	purchased.	
Media.Note	Note about the media.	
Media_Location.LocationID	Database generated,	C2.T3.13. Location
	Primary Key	
Media_Location.MediaID	Foreign Key, Media Table	
Media_Location.DepositedOn	Date the archival media	
	was deposited at the	
Media_Location.RemovedOn	location. Date the archival media	
wedia_Location.kemovedOn	was removed from the	
	location.	
Media_Location.Note	Note about the archival	
modia_Loodiioiii toto	media housed at a location.	
Event.EventID	Database generated,	
	Primary Key	
Event.MediaID	Foreign Key, Media Table	
Event.EventStatus	Status of the event:	
	Complete, Scheduled,	
	Postponed.	
Event.Designation	Name of the event: Deposit,	
	Inventory, Audit, Inspection,	
	Virus Check, Media Write,	

	Quality Check, Format
	Conversion, Removal,
	Check Out, Bring Forward,
	Media Request, Media
	Destruction.
Event.Procedure	Procedure completed on
	media during an event.
Event.Location	Location where the event
	occurred.
Event.EventDate	Date and time of event.
Event.Outcome	
Event.Outcome	Description of the event
	outcome.
Event.Note	Note about the event.
Event.ResponsiblePerson	Individual responsible for
	the event.
Event.RetrievalRecipient	Individual who received the
'	media.
Event.RetrievalRequestor	Individual who requested
2 vontar total ovali toquestor	the media.
	ino modia.
Drovenence Media Drovenence Madia II	Database generated
ProvenanceMedia.ProvenanceMediaID	Database generated,
	Primary Key
ProvenanceMedia.ProvenanceID	Foreign Key, Provenance
	Table
ProvenanceMedia.MediaID	Foreign Key, Media Table
ProvenanceMedia.MediaCopy	Instance of object stored on
· · · · · · · · · · · · · · · · · · ·	media: Preservation
	Master, Security Master,
	Duplication Master, Access
D 14 1: D 15 11	Service Copy.
ProvenanceMedia.RootPath	Path and directory of the
	object on the media.
ProvenanceMedia.WriteDate	Date the object was written
	on the media.
ProvenanceMedia.DeleteDate	Date the object was deleted
	from the media.
ProvenanceMedia.ValidationProc	Signature type used to
	generate validation key:
	MD5, SHA-1.
ProvenanceMedia.KeyCreationDate	Date validation key was
1 Toverlancewedia. Reyorcation Bate	generated.
Drovenence Media Recult	
ProvenanceMedia.Result	Hash value, filename, or
	path and filename of stored
	validation signature.
ProvenanceMedia.LastCheckDate	Date validation key
	generated and compared
	with original.
ProvenanceMedia.NextCheckDate	Date scheduled for
	validation key comparison.
	and the state of t
DataFile.DataFileID	Database generated,
שממו ווכּ.שממו ווכּוש	
Data File Description M. P. JD.	Primary Key
DataFile.ProvenanceMediaID	Foreign Key,
	ProvenanceMedia Table
DataFile.FileName	Name of the file including
	its extension.
DataFile.FileSize	Size of the file in bytes.
DataFile.ContentType	Type of content in the file:
2 a.a. 10.00 mont 1,50	Data, Documentation,
DataFile.MarkupType	Permission, Startup. Type of markup used to

	encode contents of file:	
DataFile.MarkupName	HTML, SGML, XML. Name of schema and	
Datarile.iviarkupivame	version employed for the	
	MarkupType: TEI DTD,	
	W3C XML.	
Data Fila Markum Cahama	Contents of schema used	
DataFile.MarkupSchema		
Detectile Cite Assess Diselet	for the Markup Type.	00.70.00
DataFile.FileAccessRight	Access rights or limitations	C2.T3.2 Supplemental
	specific to file: Universal	Marking List
	Access -unrestricted,	
	Research Use Only,	
	Educational Use Only,	
	Research and Educational	
	Use Only, Non-Commercial	
	Use Only, On-Site Use	
	Only, Signed Confidentiality	
	Agreement Only, Staff Only,	
	Staff Addresses Only,	
	Licensees Only, Domestic	
	IP Addresses Only, No	
	Online Access, No Access	
	Allowed Pending Further	
	Evaluation.	
DataFile.ExpofAccessRight	Date access rights or	
	restrictions specific to file	
	expire.	
DataFile.PreservRestrictn	Preservation rights or	
	limitations for preserving	
	file.	
DataFile.EncryptionInfo	Description of encryption	
	employed on file.	
DataFile.AccessInhibitors	Inhibitors to access inherent	C2.T3.2 Supplemental
	to the file: Password	Marking List
	protection, AAA watermark.	
DataFile.FileType	MIME Media Type for file in	
	format Content	
	Type/Subtype:	
	application/pdf,	
	audio/mpeg, image/tiff,	
	message/http, model/vrml,	
	multipart/signed, text/html,	
	video/mpeg.	
DataFile.FileVersion	Version of the MIME Media	
	Type.	
DataFile.FileFormat	Software program used to	C2.T3.5 Format
	create the file: Microsoft	
	Word 2000, Microsoft Excel	
	2000.	
DataFile.FormatRegistry	Registry to identify the	
	software program used to	
	create or view the file:	
	Pronom.	
DataFile.RegistryEntry	Entry in the Format Registry	
- a.a. non togion j - m j	for the file format.	
DataFile.DateModified	Last date and time when file	
Datai iie.Dateiviouiiieu	was written or modified.	
DataFile.PreservFormat	File format is a preservation	
Datai lie.F1656(VFUIIIdt		
DataFile.AltFormat	format: Y, N. Alternate or derivative	
. Dalacile.Altcomat	LATERDATE OF ACTIVATIVE	
	formats that contain	

	contents of file: txt, csv, pdf.	
DataFile.OriginalFileID	Foreign key to	
Datai ile.Originali ileiD	DataFile.DataFileID.	
	DataFileID for original file	
	from which the file is a	
	derivative.	
DataFile.OriginalFileName	Filename (and extension)	\rightarrow
Datarile.OriginalrileName	for the original source file	
	from which the file	
	described is a derivative.	
DataFile.Creation	Description of the file	
Datarile.Creation	creation, coded to record	
	file history: Original file	
	received, Migrated file,	
	Archive generated file.	
DataFile.History	Description of file history,	-
Datai lie.i listory	coded string to record file	
	history: O = Original file	
	received. M = Migrated file.	
	A = Archive generated file.	
	MMO = Migrated file from	
	Migrated file from Original	
	file.	
DataFile.RefreshDate	Last date and time file was	
	written to any media.	
DataFile.AccessStartDate	Date when access to file	
Batar no., tooobootaribato	may be granted.	
DataFile.AccessEndDate	Date when access to file	
Datal III., 100000EllaBato	ends.	
DataFile.DeaccessionDate	Date when file was	
Datal IIC.DeaccessionDate	deaccessioned from	
	archive.	
	aronivo.	\rightarrow
FilePart.FilePartID	Database generated,	
	Primary Key	
FilePart.DataFileID	Foreign Key, DataFile Table	
FilePart.FilePartType	Type of FilePart: Table,	
7, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	Screenshot, Thumbnail	
	Image, Page Image,	
	Annotation, Mask, Metadata	
	Text.	
FilePart.FilePartLoc	Location or address of	
	FilePart within the file:	
	Unknown.	
FilePart.FilePartDesc	Description of FilePart	
	differentiated from file.	
Environment.EnvironmentID	Database generated,	
	Primary Key	
Environment.DataFileID	Foreign Key, DataFile Table	
Environment.EnvironmentType	Type of environment	
	required for data file:	
	Rendering Software,	
	Display Application,	
	Operating System,	
	Middleware, Hardware	
	CPU, Hardware	
	Peripherals.	
Environment.Title	Title of environment	
	software or hardware	
	required.	

Environment.Description	Description of implementation environment for data file.	
Environment.Documentation	Documentation for the implementation environment.	
Environment.ExpiryDate	Date environment is scheduled to expire or be replaced.	
AccessRestriction.AccessRestrictionID	Database generated, Primary Key	
AccessRestriction.ProvenanceID	Foreign Key, Provenance Table	
AccessRestriction.AccessRestriction	Security category or type of restriction: Onsite Use Only - Confidential Data- No Copying, Permission from Project Director Required, Confidentiality Agreement Required - No Copying or Network Access, Project Director only, Universal Access (unrestricted), Research Use Only, Educational Use Only, Research and Educational Use Only, Non-Commercial Use Only, Non-Site Use Only, Signed Confidentiality Agreement Only, CU Personnel Only, CU Addresses Only, Domestic IP Addresses Only, No Online Access.	C2.T3.2 Supplemental Marking List
AccessRestriction.AccessRestrictionDesc	Description of restriction on access to object.	
AccessRestriction.CurrentDeclaration	Confidentiality agreement or user agreement on restriction.	
AccessRestriction.SecurityNote	Note about the security restriction on object.	
AccessRestriction.SecurityReviewDate	Date security restriction is scheduled for review.	
AccessRestriction.ARStartDate	Date access restriction on object begins.	
AccessRestriction.AREndDate	Date access restriction on object ends.	
Decision.DecisionID	Database generated, Primary Key	
Decision.DecisionType	Type of Decision: Acquisition, Nomination for Dissemination, Nomination for Deaccession, Nomination for Transfer, Nomination for Accession, Dissemination, Disposition, Transfer, Provisional Use, Beta System Dissemination; Production	

Decision.Decision Decision about an object for a Decision Type, For Preservation Service: Preserve content, Preserve Original Formatis, For SEDAC: Disseminate, Ancillary Product, Transfer to LTA; For SEDAC Acquisition: redistributed 3rd party data, SEDAC-developed; For LTA: Public Dissemination, Restricted Dissemination, (Others Considered: Under Review, Disseminate, Delete, Remove) The following 7 categories are not mutually exclusive: Delete; Refire; Long-Term Archive; Archive, But Not Disseminate, SEDAC Disseminate,	Decision.Decision Decision about an object for a Decision Type. For Preservation Service: Preserve content, Preserve Preserve Coriginal Formats; For SEDAC: Disseminate, Ancillary Product, Transfer to LTA; For SEDAC Acquisition: redistributed 3rd party data, value-added 3rd party data, SEDAC-developed; For LTA: Public Dissemination, Restricted Dissemination, Centriced Dissemination, Chers Considered: Under Review, Dissemination, Product, Transfer to LTA; For SEDAC developed; For LTA: Public Dissemination, Chers Considered: Under Review, Dissemination, Production of Consideration of the Cons		System Dissemination.
a Decision Type. For Preservation Service: Preserve content, Preserve Original Formats; For SEDAC: Disseminate, Ancillary Product, Transfer to LTA; For SEDAC Acquisition: redistributed 3rd party data, value-added 3rd party data, value-added 3rd party data, SEDAC-developed; For LTA: Public Dissemination, Restricted Dissemination, Restricted Dissemination, Restricted Dissemination, Restricted Dissemination, Restricted Dissemination, Protect Under Review, Disseminate, Delete, Remove) The following 7 categories are not mutually exclusive: Delete, Remove) The following 7 categories are not mutually exclusive: Delete, Retriet, Long-Term Archive, But Not Disseminate, SEDAC Disseminate by Type: Subsets Only, - Web Download - Internet Mapping; Missing; Add to SDP; Consolidate. Decision.MeetingDate Date when the decision was made. Decision.DecisionActiveDate Date when the decision is implemented. Decision.Authority Authority deciding the status of an object within the archive: CIESIN Director, CIESIN Associate D	a Decision Type. For Preservation Service: Preserve content, Preserve Content, Preserve Content, Preserve Original Formats; For SEDAC: Disseminate, Ancillary Product, Transfer to LTA; For SEDAC: Disseminate Ancillary Product, Transfer to LTA; For SEDAC: Acquisition: redistributed 3rd party data, value-added 4rd party exclusive. Delete, Retire; Long-Term Archive; Archive, But Not Disseminate, SEDAC Disseminate, SEDAC Disseminate, SEDAC Disseminate by Type: Subsets Only, - Web Download - Internet Mapping, Missing; Add to SSP; Consolidate. Decision MeetingDate Date on which the decision was made. Decision MeetingDate Date on which the decision was made. Decision MeetingDate Date on which the decision is implemented. Authority deciding the status of an object within the archive: CIESIN Deputy Director, CIESIN Deputy Director, CIESIN Deputy Director, CIESIN Deputy Director, CIESIN Associate Director for IS, SEDAC Archivist, LTA Board, LTA Manager, SEDAC Lead Project Scientist, SEDAC Archivist, LTA Board, LTA Manager, SEDAC Archivist, LTA Board, LTA Manager, SEDAC Archivist, LTA Board, LTA Manager, SEDAC Lead Project Scientist, SEDAC Archivist, LTA Board, LTA Manager, SEDAC Lead Project Scientist, SEDAC Archivist, LTA Board, LTA Manager, SEDAC Lead Project Scientist, SEDAC Archivist, LTA Board, LTA Archivist. Decision Note ProvenanceDecision Decision Database generated, Primary Key Provenance Decision Note Provenance Table Provenance	Decision Decision	
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Total and a opposition	RightOwner.RightOwnerID Database generated, Primary Key		reference to a specific
provenance.	Primary Key		provenance.
	Primary Key		
		RightOwner.RightOwnerID	
	RightOwner Entity Organization that owns right		
RightOwner Entity Organization that owns right	Night-Owner.Entity Organization that Owns fight	RightOwner.Entity	Organization that owns right

	for an object or Public Domain.	
RightOwner.Signator	Person who signed	
rugine unon eignater	document authorizing a	
	right for an object.	
RightOwner.SignatorTitle	Title of signer authorizing a	
	right for an object.	
RightOwner.SigContactInfo	Contact information for	
	signer authorizing a right for	
	an object.	
RightOwner.Address1	Line 1 of right owner	
51110	address.	
RightOwner.Address2	Line 2 of right owner	
DiahtOwn as City	address.	
RightOwner.City	City of right owner.	
RightOwner Country	State of right owner.	
RightOwner.Country RightOwner.PostalCode	Country of right owner. Postal code for right owner.	
RightOwner.Telephone	Telephone number for right	
Nightowher. relephone	owner.	
RightOwner.Fax	Fax number for right owner.	
RightOwner.Email	E-mail for right owner.	
RightOwner.Website	URL of right owner website.	
RightOwner.Note	Note about right owner.	
- 1 · · · · · · · · · · · · · · · · · ·	l l l l l l l l l l l l l l l l l l l	
Right.RightID	Database generated,	
3 3	Primary Key	
Right.RightType	Type of right held:	
	copyright, license, public	
	domain, contract,	
	Permission.	
Right.RightName	Distribution Right, Usage	
	Right, Preservation Right,	
D: 1 (D: 1 (D	Access Right, Print Right.	
Right.RightDesc	Description of the right and	
	intellectual property restrictions or obligations.	
Right.Note	Note on rights for object.	
Night:Note	Note on rights for object.	
RightHeld.RightHeldID	Database generated,	
ragna icia.ragna iciaib	Primary Key	
RightHeld.RightOwnerID	Foreign Key, RightOwner	
g	Table	
RightHeld.ProvenanceID	Foreign Key, Provenance	
•	Table	
RightHeld.RightID	Foreign Key, Right Table	
RightHeld.RightOrigination	Right granted to others or	
	received from owner:	
	Granted, Received.	
RightHeld.CurDeclaration	Content of license, contract,	
	or permission statement.	
RightHeld.RightDocFile	Filename and directory path	
	of the digital (or scanned)	
	document that authorizes	
RightHeld.RightDocLoc	rights for an object. Location of original printed	
Nighti leid.NightDocLoc	license, contract, or	
	permission document:	
	Onsite Archive, Offsite	
	Archive, Storeroom, Not	
	Printed.	

RightHeld.BeginDate	Date of execution for rights held or date of contract if not specified.	
RightHeld.ExpiryDate	Date of expiration for rights held or null if no expiration date.	
RightHeld.Receiver	Person who signed document (or agreed to conditions) and is authorized to acquire or use object.	
RightHeld.Cost	Cost to acquire object or rights to object.	
RightHeld.CostUnit	Monetary unit for cost to acquire object or rights to object.	
RightHeld.Note	Note on right held for an object.	
RightHeld.RightBrief	Brief description of right held and intended usage group or purpose: Use and distribute freely, Use and distribute only within organization, Distribute for research or educational purposes, Third party distribution, Research use only, Educational use only, Non-commercial use only, Staff use only.	
RightHeld.Request	Request for rights, including the reason to justify authorization.	

Crosswalk:

Data Model for Managing and Preserving Geospatial Electronic Records to Dublin Core Metadata Element Set, Version 1.1, Available Online: http://www.dublincore.org/documents/dces/

Field	Definition	Dublin Core Element v. 1.1
Collection.CollectionID	Database generated,	
	Primary Key	
Collection.Title	Title for a Collection:	
	CIESIN Archive, SEDAC	
	Scientific Data Archives,	
	specific project Archive.	
Collection.Description	Description of the collection	
	and keywords.	
Collection.AccessReqmnt	Requirements for accessing	
	the collection: Object	
	Specific Requirements,	
	CMB Approval, Systems	
	Manager Approval.	
Collection.InstallReqmnt	Requirements for	
	installation of collection	
Collection.SizeReqmnt	Storage volume	
	requirement for collection,	
	automatically calculated.	
Collection.AccessInhibitor	Method(s) employed to	
	inhibit access to collection	
	that could affect	
	preservation, such as	
	encryption or watermarking.	
Collection.FindingAid	Method used to facilitate	
	discovery of collection.	
Collection.PresrvPermission	Statement of permission to	
	copy collection or migrate to	
	various formats for	
	preservation.	
Collection.RelationDesc	Description of relationships,	
	relevant for preservation,	
	between collection and	
	other objects or collections.	
Collection.Quirk	Characteristic that could	
	degrade functionality or	
0 11 6 12	aspects of the collection.	
Collection.Purpose	Purpose and reason for	
	archiving the collection:	
	Funding Agency	
	Requirement; Scientific	
	Value; Historical value;	
Collection Designan Data	Fiduciary responsibility. Date of decision to archive	
Collection.DecisionDate		
Collection Access Start Date	the collection. Date access was provided	
Collection.AccessStartDate	to collection.	
Collection.AccessEndDate	Date when access to	
Collection. AccessEndDate	collection ended.	
Collection.DeaccessionDate	Date collection is	
Collection. DeaccessionDate	deaccessioned by archive.	
Collection.Note	Notes about collection.	
Concollon.inote	TAULES ADOUT COHECTION.	
Series.SeriesID	Database generated	
Selies.SeliesiD	Database generated,	
	Primary Key	

Series.CollectionID	Foreign Key, Collection	
	Table	
Series.Title	Title of a record series category within a Collection: CIESIN Administrative	
	Records, CIESIN Records	
	Common to All Projects,	
	CIESIN Scientific Data,	
	SEDAC Operations Records, SEDAC Active	
	Archive, SEDAC Long-	
	Term Archive.	
Series.SeriesCode	Unique identifier for the	
	record category: SEDAC	
	Active Archive, SEDAC Long-Term Archive, CIESIN	
	Archive, Series 100 CIESIN	
	Records, Series 500	
	CIESIN Records, Series	
	600 SEDAC Operations	
	Records, Series 700 SEDAC Active Archive,	
	Series 800 Series Long-	
	Term Archive.	
Series.Description	Description of the series.	
Series.VRIndicator	Category of vital records, if	
	applicable, for the series:	
	Non-Vital Records, Emergency - Operating	
	Records, Legal or Financial	
	Rights, Emergency and	
	Rights Records.	
Series.VRReviewDate	Date of next review of vital	
Series.Activity	records in series. Level of use for series,	
Series. Activity	assignment based on	
	SeriesActivity.	
Series.ActivityDate	Date when activity for the	
	series was reviewed and	
Series.CutoffDate	assigned.	
Genes. Guion Date	Date to cutoff records in series.	
Series.AnnualAccum	Estimate of annual	
	accumulation of records in	
	series.	
Series.AccessStartDate	Date when access to series	
Series.EndDate	began. Date when access to series	
Conco.Lindbate	ended.	
Series.DeaccessionDate	Date of deaccession for all	
	records in series.	
Series.Note	Notes about the series.	
SeriesActivity.SeriesActivityID	Database generated	
Jenesactivity. JenesactivityID	Database generated, Primary Key	
SeriesActivity.SeriesID	Foreign Key, Series Table.	
SeriesActivity.PeriodStartDate	Date series activity period	
	began.	
SeriesActivity.PeriodEndDate	Date series activity period	
SeriesActivity.UniqueUserCnt	ended. Number of unique users of	
oenesActivity.oniqueOseront	Tradition of dilique users of	

	series during period.	
SeriesActivity.TotalUserCnt	Total number of users of	
Concortainty. Foldies of Cit.	series during period.	
SeriesActivity.Note	Notes about series activity	
Concortativity. Note	for a given period.	
	lor a given penea.	
Aggregate.AggregateID	Database generated,	
/ iggrogato./ iggrogatorb	Primary Key	
Aggregate.SeriesID	Foreign Key, Series Table	
Aggregate. Title	Title of Aggregate category	
Aggregate. Title	assignment. For SEDAC	
	Scientific Data Series	
	mission areas: PLUE,	
	ENTRI, EH, MVA, HVA,	
	AFS, ES, EX, IG.	
Aggregate.AccessStartDate	Date access to aggregate	
Aggregate. AccessStartDate	began.	
Aggregate AccessEnDate	Date when access to	
Aggregate.AccessEnDate		
Aggregate Decession Data	aggregate ended.	
Aggregate.DeaccessionDate	Date of deaccession for all	
	records in aggregate.	
Decrease Dec	Databas	
ProvenanceID	Database generated,	
	Primary Key	
Provenance.AggregateID	Foreign Key, Aggregate	
	Table	
Provenance.Origin	Description of the creation	
	process of the object.	
Provenance.Title	Formal Title that identifies	Title
	or describes the object.	
Provenance.Version	Identification to differentiate	
	object from other versions.	
Provenance.PreIngest	Description of pre-ingest	
	processing and custody of	
	object.	
Provenance.CreationDate	Date object was completed	Date
	by Author.	
Provenance.SubmissionDate	Date object was submitted	
	to the archive for ingest.	
Provenance.Citation	Complete citation for object.	
Provenance.DesignatedCommunity	Description of designated	
,	community of users,	
	potential users, or audience	
	for the object: Human	
	interactions in the	
	environment community,	
	Decision-maker, Learner,	
	Manager, Scientist,	
	Teacher.	
Provenance.ReqdPreservationService	Level of preservation	
	service or preservation plan	
	requested by submitter or	
	data provider: Preserve	
	Original Formats; Preserve	
	Content in Supported	
	Formats.	
Provenance.ReqdDisseminatnServce	Level of dissemination	
i iovenance.ivequbisseminamoervce	service or dissemination	
	plan requested by submitter	
	or data provider: Restricted	
	dissemination. Public	

	Dissemination.	
Provenance.ReasonForCreation	Reason or purpose for	
	creating the described	
	object.	
Provenance.CustodyHistory	Chain of custody of object	
	prior to ingest into archive.	
Provenance.ReasonForPreservation	Justification for selecting	
	object for preservation in	
	archive.	
Provenance.AcquisitionDate	Date original object was	
	acquired by archive.	
Provenance.AcquisitionVolume	Volume of original object	
	acquired by archive.	
Provenance.AcquisitionFileInventory	List of all files in original	
	object acquired by archive.	
Provenance.ReceivedDate	Date object received by the	
	Archivist.	
Provenance.DeaccessionDate	Date the object was	
	deaccessioned from	
	archive.	
Provenance.AIPVolume	Total Size of the Archival	
	Information Package	
	created by the archive to	
	preserve the Content	
	Information and Associated	
Provenance.ContentInformationSize	Material Size of Content Information	
Provenance.ContentiniormationSize	of the Archival Information	
Provenance.AssociatedMaterialSize	Package in Bytes. Size of material associated	
Provendnce. Associatediviaterial Size	with the Content	
	Information of the AIP in	
	Bytes.	
Provenance.Functionality	Description of any	
	functional characteristics of	
	the object.	
Provenance.AIPFileInventory	List of all filenames and	
ŕ	sizes organized by the	
	directory structure.	
Provenance.AIPDataDictionary	List of each filename in	
ŕ	object with title of document	
	or description for each file,	
	including alternate formats.	
Provenance.AIP	All the files within their	
	preservation structure,	
	containing Content	
	Information and Associated	
	Information that has been	
	transformed by the Archive	
	for preservation (location in	
	system if dbms is part of the	
Decree Alborratic Dis	repository).	
Provenance.AIPCreationDate	Date archive created	
	Preservation Master for Archival Information	
Dravanana Dagaiya (CID	Package.	
Provenance.ReceivedSIP	All of the files (within their	
	original structure) received from the provider in the	
	Submission Information	
	Package (SIP) containing	
	i ackage (SIF) containing	

	T	T
	the Content Information and	
	all Associated Information	
	for the original object	
	acquired (stored in system	
	if dbms is part of the	
	repository).	
Provenance.PreparedSIP	All of the files (within their	
1 Toverlanden Topareaen	preservation structure),	
	containing the Content Information and the	
	Associated Information that	
	have been prepared by the	
	Archive for submission to	
	another Archive or	
	Collection (stored in system	
	if dbms is part of the	
	repository).	
Provenance.VitalRecordIndicator	Vital Record status of	
	object: Non-Vital Record,	
	Emergency - Operating	
	Record, Legal or Financial	
	Rights Record, Emergency	
D D D D D	and Rights Record.	
Provenance.PermRecordIndicator	Indicator that the record is a	
	Permanent Record: N, Y.	
Provenance.RecordCondition	Condition of record.	
Provenance.Description	Description of the	Description
•	intellectual content of the	·
	object.	
Provenance.Methodology	Instruments and techniques	
1 Toverlance.Methodology	used to create the data.	
Drawanan Variabla		
Provenance.Variable	Variables, layouts, and	
	codes used to describe the	
	data.	_
Provenance.SpatialCoverageDesc	Political or geographical	Coverage
	description of spatial	
	coverage.	
Provenance.SpatialCoverageNote	Latitude and longitude	
3	covered, if available.	
Provenance.SpatialResolution	Spatial Resolution.	
Provenance.SpatialResolutionNote	Notes on the spatial	
i Toveriance.opatiancesolutioninote		
D ODC	resolution of the object.	
Provenance.SRS	Spatial Reference System	
	used for spatial resolution.	
Provenance.BBoxMinX	Minimum X Coordinate	
	(Longitude) for the	
	Bounding Box.	
Provenance.BBoxMinY	Minimum Y Coordinate	
	(Latitude) for the Bounding	
	Box.	
Provenance.BBoxMaxX	Maximum X Coordinate	
I TOVETIATICE.DDUXIVIAXA		
	(Longitude) for the	
	Bounding Box.	
Provenance.BBoxMaxY	Maximum Y Coordinate	
	(Latitude) for the Bounding	
	Box.	
Provenance.SpatialCoverage	If database supports native	
	spatial data types, this field	
	should be used to store	
	こうこうしょう しょうしょう かんしょう しょうしょう	î .
	actual shape of spatial coverage.	

Retention.RetentionID	Database generated,	
	Primary Key	
Retention.ProvenanceID	Foreign Key, Provenance	
	Table, if retention relates to	
	provenance.	
Retention.SeriesID	Foreign Key, Series Table,	
	if retention relates to series.	
Retention.Instruction	Instructions for retention or	
	disposition of record or	
	series: Review every Five	
	Years, Retain Indefinitely,	
	Freeze, Transfer to LTA,	
	Retire, Destroy.	
Retention.InstructionReason	Justification for retention	
	instructions on record or	
	series.	
Retention.InstrctnDate	Date instructions were	
Detection Install A 1D 1	decided for record or series.	
Retention.InstrctnActDate	Date instructions are to be	
	executed for record or	
Detention CohodulaD-1-	series.	
Retention.ScheduleDate	Date record or series will be	
Detection Authority	reviewed.	
Retention.Authority	Name of individual or group	
	deciding on instructions for record or series: SEDAC	
	UWG, LTA Board.	
TemporalData.TemporalDataID	Database generated,	
Temporalbata. Temporalbataib	Primary Key	
TemporalData.ProvenanceID	Foreign Key, Provenance	
Tomporal Batan Tovonanooi B	Table	
TemporalData.TCovPrecision	Precision of data used to	
•	describe temporal	
	coverage: Year, Month,	
	Day.	
TemporalData.TCovStart	Start date for data	
	collection.	
TemporalData.TCovEnd	End date for data collection.	
TemporalData.TCovProjectionTo	Date of temporal coverage	
	projection to a future date.	
TemporalData.TresDescription	Description of temporal	
	resolution, time intervals	
	between successive	
	observations, frequency of	
	granule production.	
Polotionahia FramPrayanan ID	Foreign Key, Drayeran	
Relationship.FromProvenancID	Foreign Key, Provenance Table, part of Primary Key	
Relationship.ToProvenanceID	Foreign Key, Provenance	Source, Relation
Neiationship. For toverlanceid	Table, part of Primary Key	Jource, Relation
Relationship.Relation	Part of Primary Key. Type	
Neiauonanip.iNeiauon	of relationship: Subset,	
	Superset, Derivative,	
	Source, Extract, Version,	
	Release, Edition, Integrates	
	Parts, Compliment.	
Relationship.RelationStartDate	Date relationship began.	
Relationship.RelationEndDate	Date relationship ended.	
Relationship.Note	Note about the relationship.	
		l

Identification.IdentificationID	Database generated,	
identinoation.identinoationib	Primary Key	
Identification.ProvenanceID	Foreign Key, Provenance	
	Table	
Identification.IdentifierType	Type of identifier for which	
	the object has been	
	assigned a unique ID:	
	Global Identifier, TDB ID,	
	UMDB Rec #, DOI, ISBN.	
Identification.IdentifierAssigned	Unique Identifier assigned	Identifier
	to an object for an identifier	
	type.	
ProvReference.ProvReferenceID	Database generated,	
1 TOVICE LETTERS TOVICE LETTERS	Primary Key	
ProvReference.ProvenanceID	Foreign Key, Provenance	
Trovitoronoch rovenanoons	Table	
ProvReference.RefAuthor	Names of authors of	
	reference work.	
ProvReference.RefAuthorRole	Role of authors of reference	
	work (Eds.)	
ProvReference.RefTitle	Title of reference work.	
ProvReference.MonographAuthor	Author names of	
	monograph containing	
	reference work.	
ProvReference.MonographAuthRole	Role of authors of	
	monograph containing	
	reference work (Eds.)	
ProvReference.MonographTitle	Title of monograph	
ProvReference.JournalTitle	containing reference work.	
Providerence. Journal Little	Title of journal containing reference work.	
ProvReference.TranslatedTitle	English translation of title if	
Troviterence. Translated file	in another language.	
ProvReference.Edition	Edition identifier of	
Trovitoronoo:Eamon	monograph containing	
	reference work.	
ProvReference.SubsidiaryAuthor	Names of subsidiary	
·	authors if author is an	
	institution.	
ProvReference.PublicationPlace	Location where reference	
	work is published.	
ProvReference.Publisher	Name of reference work	
D D (D	publisher.	
ProvReference.PublicationDate	Date reference work was	
DrovBoforongo DublicationVasa	published.	
ProvReference.PublicationYear	Year when reference work was published.	
ProvReference.CopyrightDate	Date of copyright for	
i ioviteieieiice.copyiigiiiDate	reference work.	
ProvReference.VolumeID	Volume identifier of	
. 1311 tolololog. Volullolo	reference work.	
ProvReference.lssueID	Issue identifier of reference	
	work.	
ProvReference.Page	Range of pages of	
-	reference work.	
ProvReference.WorkExtent	Total number of pages of	
	reference work.	
ProvReference.PackagingMethod	Public accessibility of	
	reference work.	

ProvReference.SeriesEditor	Editor of series containing reference work.	
ProvReference.SeriesEditorRole	Role of Editor for series	
	containing reference work.	
ProvReference.SeriesTitle	Title of series containing	
	reference work.	
ProvReference.SeriesVolumeID	Volume identifier for series	
	containing reference work.	
ProvReference.SeriesIssueID	Issue identifier for series	
	containing reference work.	
ProvReference.DocumentType	Type of reference work. Ex:	
	Journal, Book, Proceedings	
ProvReference.URL	URL of text or full reference	
	of reference work.	
ProvReference.Availability	File path or file cabinet if	
	stored, or blank if not	
	available.	
ProvReference.ISBN	ISBN number for reference	
	work.	
ProvReference.Note	Note about reference work.	
ProvReference.RefAbstract	Abstract of reference work.	
ProvReference.CallNumber	Identifier in classification	
1 TOVICOIOTOTIOO. Odili Vdiribot	system (LOC, Dewey, or	
	other).	
ProvReference.ReferenceType	Use of object by reference	
1 Tovice lettere lice 1 ype	work. Ex: Report,	
ProvReference.RefCitation	Complete bibliographic	
1 TOVICE TELECTION (AUDIT	reference for reference	
	work.	
ProvReference.RefCitSource	Citation database or service	
Providerence. ReiCitSource		
	listing reference and date found.	
Drov Deference Defiles Dight		
ProvReference.RefUseRight	Right or permission to use	
	reference work, citation, or	
Drov Deference DefAcease Dight	abstract.	
ProvReference.RefAccessRight	Right/permission to access	
	or link reference work,	
Day Defended Display Onder	citation or abstract.	
ProvReference.DisplayOrder	Order in which reference	
	work will appear in	
	reference list.	
D + D + ID	5	
Property.PropertyID	Database generated,	
D 1 D 1 D	Primary Key	
Property.PropertyParentID	Foreign Key, Property	
	Table	
Property.PropertyName	Name of the property	Subject, Type, Language
	describing an object: Ingest	
	Status, Ingest Format	
	Processing, Significant	
	Property, DCMI Type,	
	Document Type, Content	
	Type, Subject, Language.	
	For Ingest Status: Under	
	Development by Creator,	
	Being Prepared for	
	Being Prepared for Submission, Received by	
	Being Prepared for Submission, Received by Archivist, Content Review	
	Being Prepared for Submission, Received by Archivist, Content Review Pending, Content Under	
	Being Prepared for Submission, Received by Archivist, Content Review	

	Description Pending,
	Description Under Review,
	Description Complete, DOI
	Assigned, Quality Review
	Pending, Quality Review
	Complete, Failed Content
	Quality Review. Rejected -
	Data Returned to Creator,
	Ingested, Destroyed; For
	Ingest Format Processing:
	All files Ingested in
	Supported Formats,
	Original Non-Supported
	Formats Only, Original
	formats and All Files
	Migrated to Supported
	Formats; For Significant
	Properties: Intellectual
	Content of Text, intellectual
	content of image; For DCMI
	Type: Collection, Dataset,
	Event, Image, Interactive
	Resource, Moving Image,
	Physical Object, Service,
	Software, Sound, Still
	Image; For Document Type
	(ISO 19115 Document
	Type):
	PresentationFormCode:
	documentDigital,
	,
	documentHardcopy,
	imageDigital,
	imageHardcopy,
	mapDigital, mapHardcopy,
	modelDigital,
	modelHardcopy,
	profileDigital,
	profileHardcopy,
	tableDigital, tableHardcopy,
	videoDigital,
	videoHardcopy; Content
	Type: Data, Documentation,
	Permission; Subject
	thesaurus or controlled
	vocabulary; Language:
	English, Spanish.
Property.PropertyDesc	Description of a property.
Property.PropertyStatus	Current status of the
-1	property: Valid, Not in Use.
	property. Valia, Not in Ooc.
Provenance_Property.ProvenancePropertyID	Database generated,
	Primary Key
Provenance_Property.ProvenanceID	Foreign Key, Provenance
	Table
Drevenes as Drevenes Drevenes ID	
Provenance_Property.PropertyID	Foreign Key, Property
	Table
Provenance_Property.PPStartDate	Date when property began
Provenance_Property.PPEndDate	Date when property ended.
Provenance_Property.Note	Note about property as it
	pertains to a particular
	provenance.
	1

ProvenanceNoteID	Database generated, Primary Key	
ProvenanceNote.ProvenanceID	Foreign Key, Provenance Table	
ProvenanceNote.NoteText	Note about the provenance of an object.	
ProvenanceNote.PostedBy	Person who posted the note about the provenance of an object.	
ProvenanceNote.PostedOn	Date the note was posted.	
ProvenanceNote.NoteType	Type of provenance note: Accession, Maintenance, Disposition.	
OtherTitle.OtherTitleID	Database generated, Primary Key	
OtherTitle.ProvenanceID	Foreign Key, Provenance Table	
OtherTitle.TitleType	Alternate Title, Former Title	
OtherTitle.Title	Other title of an object.	
OtherTitle.Note	Note about the other title of an object.	
Person.PersonID	Database generated, Primary Key	
Person.ProvenanceID	Foreign Key, Provenance Table	
Person.PersonRole	Role of responsible person: Author, Contributor, Recipient, Internal Contact, Accessioner, Originating Organization Technical Contact, Originating Organization Program Contact, Environment Manager, Security Official.	Creator, Contributor
Person.PersonOrder	Order in which person will appear in a Person Role list, if sorted.	
Person.FirstName	First name of person.	
Person.LastName	Last name of person.	
Person.Address1	Line 1 of person address.	
Person.Address2	Line 2 of person address.	
Person.City	City of person.	
Person.State	State of person.	
Person.Country Person.PostalCode	Country of person. Postal code address for person.	
Person.Phone	Telephone number for person.	
Person.Fax	Fax number for person.	
Person.Email1	Primary e-mail address for person.	
Person.Email2	Second e-mail address for person.	
Person.Note	Note about person.	
Institution.InstitutionID	Database generated, Primary Key	
Institution.ProvenanceID	Foreign Key, Provenance	

	Table	
Institution.InstitutionRole	Role of institution for object.	
	Originating Organization,	
	Program Support.	
Institution.InstitutionOrder	Order in which the	
	institution will appear on an	
	institution role list If higher	
	priority has been assigned.	
Institution.InstitutionName	Name of institution.	
Institution.Address1	Line 1 of institution address.	
Institution.Address2	Line 2 of institution address.	
Institution.City	City of institution.	
Institution.State	State of institution.	
Institution.Country	Country of institution.	
Institution.PostalCode	Postal code for institution	
	address.	
Institution.Phone	Telephone number for	
	institution.	
Institution.Fax	Fax number for institution.	
Institution.Website	Website URL for institution.	
Institution.Note	Note about institution.	
Document.DocumentID	Database generated,	
Document.DocumentiD	Primary Key	
Document.ProvenanceID	Foreign Key, Provenance	
Document. Tovenanceib	Table	
Document.DocumentType	Type of document	
Boodinent. Boodinent Type	describing the object: User	
	Manual, User Guide,	
	Variable List, Codebook,	
	Data Layout, Parameter	
	List, User Notes, File	
	Inventory, Installation	
	Instructions, Splash Page.	
Document.Title	Title of document	
	describing the object.	
Document.ArchivalID	Identifier of the document if	
	recorded as a provenance.	
Document.AccessPoint	URL of access point that	
	disseminates document	
	(http://; ftp://).	
Document.FileName	Filename of the document.	
Document.Scheme	Encoding scheme for the	
	document. MARC, EAD,	
	VRA, DC, NISOIMG, LC-	
	AV, TEIHDR (Text	
	Encoding Initiative Header),	
	DDI, FGDC-STD-001-1998,	
	FGDC CSGDM, DIF, ISO	
	19115, NY State	
	Clearinghouse, Metalite,	
	IEEE LOM, ESRI,	
	Unknown.	
Document.Language	Language in which the	
-	document is written:	
	English, Spanish.	
Document.AdditionalInfo	Additional information about	
	the document.	
Distributor.DistributorID	Database generated,	
	Primary Key	

Distributor.DistributorName	Name of the service that distributes a dissemination of an object: CIESIN, Columbia Earth Institute, SEDAC, SEDAC LTA.	Publisher
Distributor.Address1	Line 1 of distributor address.	
Distributor.Address2	Line 2 of distributor address.	
Distributor.City	City of distributor.	
Distributor.State	State of distributor.	
Distributor.PostalCode	Postal Code of distributor.	
Distributor.Country	Country of distributor.	
Distributor.TelePhone	Telephone number of distributor.	
Distributor.Fax	Fax number of distributor.	
Distributor.URL	URL of distributor.	
Distributor.Email	Email address of distributor.	
Distributor.Website	Website of distributor.	
Dissemination.DisseminationID	Database generated, Primary Key	
Dissemination.DistributorID	Foreign Key, Distributor Table	
Dissemination.Medium	Primary data storage medium for distributing object from dissemination service: CD-ROM, DVD, URN, URL, FTP.	
Dissemination.PublicAccessPoint	Primary Access Point for distributing object to the public from dissemination service (http://; ftp://).	
Dissemination.InternalLocation	Path and folder name of location from which object is distributed from internal dissemination service.	
Dissemination.DissemSize	Size of object disseminated in Bytes	
Dissemination.StartDate	Date dissemination service began disseminating object.	
Dissemination.EndDate	Date dissemination service discontinued disseminating object.	
Dissemination.DIPDescription	File Inventory of all files included in the Dissemination Information Package (DIP) submitted to dissemination service for distribution.	
Dissemination.DissemCharge	Amount received from dissemination service for distributing object.	
Dissemination.DissemChargeUnit	Monetary unit of DissemCharge.	
Dissemination.OriginalPublisher	Flag indicating that dissemination is by Original Publisher: N, Y.	
Dissemination.PrimaryDistributor	Flag indicating that dissemination is by Primary Distributor: N. Y.	

DissemAltPoint.DissemAltPointID	Database generated,	
DISSEMAIL UIIILDISSEMAILFUIILID	Primary Key	
DissemAltPoint.DisseminationID	Foreign Key, Dissemination	
Disserrati oint. Disserrinationid	Table	
DissemAltPoint.AltAccessPoint	Alternate access point	
Disserii/ titi Oirit./ tit/ toocasi Oirit	disseminating object	
	(http://; ftp://).	
DissemAltPoint.StartDate	Date started disseminating	
Dissemant officialibate	object at alternate access	
	point.	
DissemAltPoint.EndDate	Date stopped disseminating	
DISSETTART OFFICE PRODUCT	object at alternate access	
	point	
DissemAltPoint.Note	Note on alternate	
Disserii/ titi oiiit.ivote	dissemination point.	
	dissernination point.	
ProvDissemination.ProvDisseminationID	Database generated,	
1 10 V D 133611 III I I I I I I I I I I I I I I I I	Primary Key	
ProvDissemination.DisseminationID	Foreign Key, Dissemination	+
1 104D133ETHHAUUTI.D133ETHHAUUTIID	Table, part of Alternate Key	
ProvDissemination.ProvenanceID	Foreign Key, Provenance	
1 10VD135EHIIHAUUH.F10VEHAHCEID	Table, part of Alternate Key	
ProvDiggomination RestDath	Directory path where object	
ProvDissemination.RootPath	is disseminated within	
	io alcoolimiatoa miliini	
Described the Ottow Detail	group.	
ProvDissemination.StartDate	Date object began being	
D D: : : : E ID :	disseminated within group.	
ProvDissemination.EndDate	Date object no longer	
D. Di vi vi Nv	disseminated within group.	
ProvDissemination.Note	Note on object	
	dissemination within group.	
DDET 1: (DDET 1: (ID		
PDFileList.PDFileListID	Database generated,	
DDE"LL' (D. D' ID	Primary Key	
PDFileList.ProvDissemID	Foreign Key,	
	ProvDissemination Table	
PDFileList.FileName	Name of the file listing files	
	disseminated in	
	dissemination.	
PDFileList.StartDate	Date the listed files were	
DDE" L'AF ID A	included in dissemination.	
PDFileList.EndDate	Date the listed files were no	
DDE" I AN A	longer in dissemination.	
PDFileList.Note	Note about the list of files	
	included within	
	dissemination.	
Catalog.CatalogID	Database generated,	
	Primary Key.	
Catalog.CatalogName	Name of the catalog where	
	an object is registered:	
	SEDAC, CIESIN, EDGRS,	
	ESIP, DLESE, NSDL.	
Catalog.URL	URL of the catalog where	
	an object is registered.	
Catalog.ContactInfo	Contact information for a	
	catalog where an object is	
	registered.	
CatalogEntry.CatalogEntryID	Database generated,	

CatalogEntry. DisseminationID Table. CatalogEntry. CatalogID CatalogEntry. CatalogID CatalogEntry. EntryID CatalogEntry. EntryID CatalogEntry. Submission CatalogEntry. Submission CatalogEntry. StartDate CatalogEntry. StartDate CatalogEntry. EntryDate CatalogEntry. EntryDate CatalogEntry. EntryDate CatalogEntry. EntryStatus CatalogEntry. EntryStatus CatalogEntry. EntryDesc CatalogEntry. EntryDesc CatalogEntry. EntryDesc CatalogEntry. EntryDate CatalogEntry. EntryDesc CatalogEntry. EntryDate CatalogEntry. EntryDesc CatalogEntry. EntryLastUpdate CatalogEntry. EntryLastUpdate CatalogEntry. EntryLastUpdate CatalogEntry. EntryLastUpdate CatalogEntry. EntryLastUpdate CatalogEntry. EntryLastUpdate CatalogEntry. Note CatalogEntry. Onsite Offline Archive, Onsite Offline Arc		Primary Key.	
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LocationParam.ParamUnit Unit of measurement for recorded value measured at			
	LocationParam.ParamUnit		-
location: Degrees		recorded value measured at	
···		location: Degrees	

	Fahrenheit, Percentage.	
LocationParam.ParamDate	Date and time of	
Localion Param. Parambale		
l c D D N c	measurement.	
LocationParam.ParamNote	Note on instrument or	
	parameter measured.	
Media.MediaID	Database generated,	
	Primary Key	
Media.MediaType	Type of media used: CD-	
	ROM, CD-R, DVD-R,	
	DVD+R, Print.	
Media.MediaBrand	Brand of the media: TDK	
	700 MB 48x Data CD-R.	
Media.MediaPurchaseDate	Date the media was	
	purchased.	
Media.Note	Note about the media.	
Wedia.ivote	Note about the media.	
Madia Lagation Lagation ID	Databasa ganaratad	
Media_Location.LocationID	Database generated,	
A4 P 1 C 14 P 15	Primary Key	
Media_Location.MediaID	Foreign Key, Media Table	
Media_Location.DepositedOn	Date the archival media	
	was deposited at the	
	location.	
Media_Location.RemovedOn	Date the archival media	
	was removed from the	
	location.	
Media_Location.Note	Note about the archival	
	media housed at a location.	
	media nedeca at a lecation.	
Event.EventID	Database generated,	
Eveni.EveniiD		
Frank MadialD	Primary Key	
Event.MediaID	Foreign Key, Media Table	
Event.EventStatus	Status of the event:	
	Complete, Scheduled,	
	Postponed.	
Event.Designation	Name of the event: Deposit,	
	Inventory, Audit, Inspection,	
	Virus Check, Media Write,	
	Quality Check, Format	
	Conversion, Removal,	
	Check Out, Bring Forward,	
	Media Request, Media	
	Destruction.	
Event.Procedure	Procedure completed on	
	media during an event.	
Event.Location	Location where the event	
2.0.16.2006.011		
Event EventDate	occurred.	
Event.EventDate	occurred. Date and time of event.	
Event.EventDate Event.Outcome	occurred. Date and time of event. Description of the event	
Event.Outcome	occurred. Date and time of event. Description of the event outcome.	
Event.Note	occurred. Date and time of event. Description of the event outcome. Note about the event.	
Event.Outcome	occurred. Date and time of event. Description of the event outcome. Note about the event. Individual responsible for	
Event.Note Event.ResponsiblePerson	occurred. Date and time of event. Description of the event outcome. Note about the event. Individual responsible for the event.	
Event.Note	occurred. Date and time of event. Description of the event outcome. Note about the event. Individual responsible for the event. Individual who received the	
Event.Note Event.ResponsiblePerson Event.RetrievalRecipient	occurred. Date and time of event. Description of the event outcome. Note about the event. Individual responsible for the event. Individual who received the media.	
Event.Note Event.ResponsiblePerson Event.RetrievalRecipient	occurred. Date and time of event. Description of the event outcome. Note about the event. Individual responsible for the event. Individual who received the media.	
Event.Note Event.ResponsiblePerson	occurred. Date and time of event. Description of the event outcome. Note about the event. Individual responsible for the event. Individual who received the	
Event.Note Event.ResponsiblePerson Event.RetrievalRecipient	occurred. Date and time of event. Description of the event outcome. Note about the event. Individual responsible for the event. Individual who received the media. Individual who requested	
Event.Outcome Event.Note Event.ResponsiblePerson Event.RetrievalRecipient Event.RetrievalRequestor	occurred. Date and time of event. Description of the event outcome. Note about the event. Individual responsible for the event. Individual who received the media. Individual who requested the media.	
Event.Note Event.ResponsiblePerson Event.RetrievalRecipient	occurred. Date and time of event. Description of the event outcome. Note about the event. Individual responsible for the event. Individual who received the media. Individual who requested the media. Database generated,	
Event.Outcome Event.Note Event.ResponsiblePerson Event.RetrievalRecipient Event.RetrievalRequestor	occurred. Date and time of event. Description of the event outcome. Note about the event. Individual responsible for the event. Individual who received the media. Individual who requested the media.	

	Table
ProvenanceMedia.MediaID	Foreign Key, Media Table
ProvenanceMedia.MediaCopy	Instance of object stored on
	media: Preservation
	Master, Security Master,
	Duplication Master, Access
	Service Copy.
ProvenanceMedia.RootPath	Path and directory of the
	object on the media.
ProvenanceMedia.WriteDate	Date the object was written
D 14 11 D 1 4 D 1	on the media.
ProvenanceMedia.DeleteDate	Date the object was deleted
Drovenes and dis Validation Dros	from the media.
ProvenanceMedia.ValidationProc	Signature type used to
	generate validation key: MD5, SHA-1.
Provenence Media KovCreation Data	
ProvenanceMedia.KeyCreationDate	Date validation key was
ProvenanceMedia.Result	generated. Hash value, filename, or
FTOVEHATICEIVIEUIA.RESUIL	path and filename of stored
	validation signature.
ProvenanceMedia.LastCheckDate	Date validation key
1 Toverlanceiviedia.LastoneckDate	generated and compared
	with original.
ProvenanceMedia.NextCheckDate	Date scheduled for
1 Toverlancewedia. NextoneerDate	validation key comparison.
	validation key companson.
DataFile.DataFileID	Database generated,
Batal lie.Batal lielb	Primary Key
DataFile.ProvenanceMediaID	Foreign Key,
	ProvenanceMedia Table
DataFile.FileName	Name of the file including
	its extension.
DataFile.FileSize	Size of the file in bytes.
DataFile.ContentType	Type of content in the file:
••	Data, Documentation,
	Permission, Startup.
DataFile.MarkupType	Type of markup used to
	encode contents of file:
	HTML, SGML, XML.
DataFile.MarkupName	Name of schema and
	version employed for the
	MarkupType: TEI DTD,
D (E') M O	W3C XML.
DataFile.MarkupSchema	Contents of schema used
Deta File File Assess District	for the Markup Type.
DataFile.FileAccessRight	Access rights or limitations
	specific to file: Universal
	Access -unrestricted, Research Use Only,
	Educational Use Only,
	Research and Educational
	Use Only, Non-Commercial
	Use Only, On-Site Use
	Only, Signed Confidentiality
	Agreement Only, Staff Only,
	Staff Addresses Only,
	Licensees Only, Domestic
	IP Addresses Only, No
	Online Access, No Access
	Allowed Pending Further

	Evaluation.	
DataFile.ExpofAccessRight	Date access rights or	
	restrictions specific to file	
	expire.	
DataFile.PreservRestrictn	Preservation rights or	
	limitations for preserving	
	file.	
DataFile.EncryptionInfo	Description of encryption	
B (E) A LIVE	employed on file.	
DataFile.AccessInhibitors	Inhibitors to access inherent	
	to the file: Password	
DataFile FileTune	protection, AAA watermark.	Format
DataFile.FileType	MIME Media Type for file in format Content	Format
	Type/Subtype:	
	application/pdf,	
	audio/mpeg, image/tiff,	
	message/http, model/vrml,	
	multipart/signed, text/html,	
	video/mpeg.	
DataFile.FileVersion	Version of the MIME Media	
	Type.	
DataFile.FileFormat	Software program used to	
	create the file: Microsoft	
	Word 2000, Microsoft Excel	
	2000.	
DataFile.FormatRegistry	Registry to identify the	
	software program used to	
	create or view the file:	
B. El B. C. E.	Pronom.	
DataFile.RegistryEntry	Entry in the Format Registry	
DataFile.DateModified	for the file format. Last date and time when file	
Datarile.Datewoonled	was written or modified.	
DataFile.PreservFormat	File format is a preservation	
Datai ile.i Tesei vi Olillat	format: Y, N.	
DataFile.AltFormat	Alternate or derivative	
Batar no.7 ttr offnat	formats that contain	
	contents of file: txt, csv, pdf.	
DataFile.OriginalFileID	Foreign key to	
, and the second	DataFile.DataFileID.	
	DataFileID for original file	
	from which the file is a	
	derivative.	
DataFile.OriginalFileName	Filename (and extension)	
	for the original source file	
	from which the file	
D . E'' O:	described is a derivative.	
DataFile.Creation	Description of the file	
	creation, coded to record	
	file history: Original file	
	received, Migrated file, Archive generated file.	
DataFile.History	Description of file history,	
Datai lie.i listory	coded string to record file	
	history: O = Original file	
	received. M = Migrated file.	
	A = Archive generated file.	
	MMO = Migrated file from	
	Migrated file from Original	
	file.	
	j ::::=:	1

DataFile.RefreshDate	Last date and time file was	
Batar ile. Refrestibate	written to any media.	
DataFile.AccessStartDate	Date when access to file	
	may be granted.	
DataFile.AccessEndDate	Date when access to file	
	ends.	
DataFile.DeaccessionDate	Date when file was	
	deaccessioned from	
	archive.	
FilePart.FilePartID	Database generated,	
	Primary Key	
FilePart.DataFileID	Foreign Key, DataFile Table	
FilePart.FilePartType	Type of FilePart: Table,	
	Screenshot, Thumbnail	
	Image, Page Image,	
	Annotation, Mask, Metadata	
CiloDort CiloDortl oo	Text. Location or address of	
FilePart.FilePartLoc	FilePart within the file:	
	Unknown.	
FilePart.FilePartDesc	Description of FilePart	
i lier art.i lier artbest	differentiated from file.	
	differentiated from file.	
Environment.EnvironmentID	Database generated,	
Liviloriment.LivilorimentiD	Primary Key	
Environment.DataFileID	Foreign Key, DataFile Table	
Environment.EnvironmentType	Type of environment	
Environment. Environment ype	required for data file:	
	Rendering Software,	
	Display Application,	
	Operating System,	
	Middleware, Hardware	
	CPU, Hardware	
	Peripherals.	
Environment.Title	Title of environment	
	software or hardware	
	required.	
Environment.Description	Description of	
	implementation	
	environment for data file.	
Environment.Documentation	Documentation for the	
	implementation	
	environment.	
Environment.ExpiryDate	Date environment is	
	scheduled to expire or be	
	replaced.	
AccessRestriction.AccessRestrictionID	Database generated,	
Asses Destriction D. 12	Primary Key	
AccessRestriction.ProvenanceID	Foreign Key, Provenance	
Annua Destriction Annua D. (1)	Table Sequential and the sequence of	
AccessRestriction.AccessRestriction	Security category or type of	
	restriction: Onsite Use Only	
	- Confidential Data- No	
	Copying, Permission from	
	Project Director Required,	
	Confidentiality Agreement	
	Required - No Copying or Network Access, Project	
	Director only, Universal	
	Director only, onliversal	

	Access (unrestricted),
	Research Use Only,
	Educational Use Only,
	Research and Educational
	Use Only, Non-Commercial
	Use Only, On-Site Use
	Only, Signed Confidentiality
	Agreement Only, CU
	Personnel Only, CU
	Addresses Only, Domestic
	IP Addresses Only, No
	Online Access.
AccessRestriction.AccessRestrictionDesc	Description of restriction on
7 1000001 1001110110110110110110110110110	access to object.
Acces Destriction Comment Designation	
AccessRestriction.CurrentDeclaration	Confidentiality agreement
	or user agreement on
	restriction.
AccessRestriction.SecurityNote	Note about the security
	restriction on object.
Access Deptwiction Committed to Committee	
AccessRestriction.SecurityReviewDate	Date security restriction is
	scheduled for review.
AccessRestriction.ARStartDate	Date access restriction on
	object begins.
AccessRestriction.AREndDate	, · · ·
ACCESSIVESTITION.AKEHUDATE	Date access restriction on
	object ends.
Decision.DecisionID	Database generated,
	Primary Key
Design Design Tyre	
Decision.DecisionType	Type of Decision:
	Acquisition, Nomination for
	Dissemination, Nomination
	for Deaccession,
	Nomination for Transfer,
	Nomination for Accession,
	Dissemination, Disposition,
	Transfer, Provisional Use,
	Beta System
	Dissemination; Production
<u> </u>	System Dissemination.
Decision.Decision	Decision about an object for
	a Decision Type. For
	Preservation Service:
	Preserve content, Preserve
	Original Formats; For
	SEDAC: Disseminate,
	Ancillary Product, Transfer
	to LTA; For SEDAC
	Acquisition: redistributed
	3rd party data, value-added
	3rd party data, SEDAC-
	developed; For LTA: Public
	Dissemination, Restricted
	Dissemination; (Others
	, ,
	Considered: Under Review,
	Disseminate, Delete,
	Remove) The following 7
	categories are not mutually
	1 - 1
	exclusive: Delete; Retire;
	Long-Term Archive;
	Archive, But Not
	Disseminate, SEDAC
1	Disseminate by Type: -
	I Disseminate by Type -

	Subsets Only, - Web	
	Download - Internet	
	Mapping; Missing; Add to	
Danisian Manting Data	SDP; Consolidate.	
Decision.MeetingDate	Date when the decision was	
B B	made.	
Decision.DecisionActiveDate	Date on which the decision	
D : A d :	is implemented.	
Decision.Authority	Authority deciding the	
	status of an object within	
	the archive: CIESIN	
	Director, CIESIN Deputy	
	Director, CIESIN Associate Director for IS, SEDAC	
	UWG, SEDAC Project	
	Manager, SEDAC Floject	
	Project Scientist, SEDAC	
	Archives Manager, SEDAC	
	Archives Manager, SEDAC Archivist, LTA Board, LTA	
	Manager, LTA Archivist.	
Decision.Note	Note of Rationale or	
Decision India	Justification for making the	
	decision.	
	decision.	
ProvenanceDecision.ProvenanceDecisionID	Database generated,	
1 ToverlanceDecision.1 ToverlanceDecisionID	Primary Key	
ProvenanceDecision.ProvenanceID	Foreign Key, Provenance	
1 ToverlanceDecision.1 ToverlanceID	Table	
ProvenanceDecision.DecisionID	Foreign Key, Decision	
1 Toverlance Decision. Decision D	Table	
ProvenanceDecision.Note	Note about the decision in	
1 Toverlance Decision. Note	reference to a specific	
	provenance.	
	provenance.	
RightOwner.RightOwnerID	Database generated,	
ragino whom agino whomb	Primary Key	
RightOwner.Entity	Organization that owns right	
ragino whor. Entity	for an object or Public	
	Domain.	
RightOwner.Signator	Person who signed	
ragino whor. Oighator	document authorizing a	
	right for an object.	
RightOwner.SignatorTitle	Title of signer authorizing a	
ragino monoignator rato	right for an object.	
RightOwner.SigContactInfo	Contact information for	
ragino monoigo o mao amo	signer authorizing a right for	
	an object.	
RightOwner.Address1	Line 1 of right owner	
	address.	
RightOwner.Address2	Line 2 of right owner	
<u> </u>	address.	
RightOwner.City	City of right owner.	
RightOwner.State	State of right owner.	
RightOwner.Country	Country of right owner.	
RightOwner.PostalCode	Postal code for right owner.	
RightOwner.Telephone	Telephone number for right	
ragatowner. relephone	owner.	
RightOwner.Fax	Fax number for right owner.	
RightOwner.Email	E-mail for right owner.	
RightOwner.Website	URL of right owner website.	
RightOwner.Note	Note about right owner.	
NightOwner.Note	riole about right owner.	

Right.RightID Database generated, Primary Key Type of right held: copyright, license, public domain, contract, Permission. Right.RightName Distribution Right, Usage Right, Preservation Right,	
Right.RightType Type of right held: copyright, license, public domain, contract, Permission. Right.RightName Distribution Right, Usage Right, Preservation Right,	
copyright, license, public domain, contract, Permission. Right.RightName Distribution Right, Usage Right, Preservation Right,	
domain, contract, Permission. Right.RightName Distribution Right, Usage Right, Preservation Right,	
Right.RightName Permission. Distribution Right, Usage Right, Preservation Right,	
Right.RightName Distribution Right, Usage Right, Preservation Right,	
Right, Preservation Right,	
A = = = = D! =	
Access Right, Print Right.	
Right.RightDesc Description of the right and Rights	
intellectual property	
restrictions or obligations.	
Right.Note Note on rights for object.	
Distribution in the second sec	
RightHeld.RightHeldID Database generated,	
Primary Key	
RightHeld.RightOwnerID Foreign Key, RightOwner	
Table Francisco Forman Control	
RightHeld.ProvenanceID Foreign Key, Provenance Table	
RightHeld.RightID Foreign Key, Right Table	
RightHeld.RightOrigination Right granted to others or	
received from owner:	
Granted, Received.	
RightHeld.CurDeclaration Content of license, contract,	
or permission statement.	
RightHeld.RightDocFile Filename and directory path	
of the digital (or scanned)	
document that authorizes	
rights for an object.	
RightHeld.RightDocLoc Location of original printed	
license, contract, or	
permission document:	
Onsite Archive, Offsite	
Archive, Storeroom, Not	
Printed.	
RightHeld.BeginDate Date of execution for rights	
held or date of contract if	
not specified.	
RightHeld.ExpiryDate Date of expiration for rights	
held or null if no expiration	
date.	
RightHeld.Receiver Person who signed	
document (or agreed to	
conditions) and is	
authorized to acquire or use	
object. RightHeld.Cost Cost to acquire object or	
rights to object. RightHeld.CostUnit Monetary unit for cost to	
acquire object or rights to	
object.	
RightHeld.Note Note on right held for an	
object.	
RightHeld.RightBrief Brief description of right	
held and intended usage	
group or purpose: Use and	
distribute freely, Use and	
distribute only within	

	research or educational purposes, Third party distribution, Research use only, Educational use only, Non-commercial use only, Staff use only.	
RightHeld.Request	Request for rights, including the reason to justify authorization.	

Crosswalk: Data Model for Managing and Preserving Geospatial Electronic Records to National Library of Australia Preservation Metadata for Digital Collections, Available Online: http://www.nla.gov.au/preserve/pmeta.html

Field	Definition	NLA Preservation Metadata
Collection.CollectionID	Database generated,	Persistent Identifier
	Primary Key	(Collection)
Collection.Title	Title for a Collection:	17. Institution Responsible
	CIESIN Archive, SEDAC	for Archiving Decision
	Scientific Data Archives,	(Collection)
	specific project Archive.	
Collection.Description	Description of the collection	3. Structural Type
·	and keywords.	(Collection)
Collection.AccessReqmnt	Requirements for accessing	6. Known System
	the collection: Object	Requirements (Collection)
	Specific Requirements,	
	CMB Approval, Systems	
	Manager Approval.	
Collection.InstallReqmnt	Requirements for	7. Installation Requirements
	installation of collection	(Collection)
Collection.SizeReqmnt	Storage volume	8. Storage Information
	requirement for collection,	(Collection)
	automatically calculated.	
Collection.AccessInhibitor	Method(s) employed to	9. Access Inhibitors
	inhibit access to collection	(Collection)
	that could affect	
	preservation, such as	
0 11 11 11 11 11	encryption or watermarking.	
Collection.FindingAid	Method used to facilitate	10. Finding and Searching
	discovery of collection.	Aids, and Access
0		Facilitators (Collection)
Collection.PresrvPermission	Statement of permission to	11. Preservation Action
	copy collection or migrate to various formats for	Permission (Collection)
	preservation.	
Collection.RelationDesc	Description of relationships,	13. Relationships
Collection. Netation Desc	relevant for preservation,	(Collection)
	between collection and	(Collection)
	other objects or collections.	
Collection.Quirk	Characteristic that could	14. Quirks (Collection)
Conconon. Quint	degrade functionality or	The Quinto (Concount)
	aspects of the collection.	
Collection.Purpose	Purpose and reason for	16. Decision Reason
	archiving the collection:	(Collection)
	Funding Agency	,
	Requirement; Scientific	
	Value; Historical value;	
	Fiduciary responsibility.	
Collection.DecisionDate	Date of decision to archive	15. Archiving Decision
	the collection.	(Collection)
Collection.AccessStartDate	Date access was provided	2. Date (Collection)
	to collection.	
Collection.AccessEndDate	Date when access to	
	collection ended.	
Collection.DeaccessionDate	Date collection is	
	deaccessioned by archive.	
Collection.Note	Notes about collection.	23. Process, 25. Other
Series.SeriesID	Database generated,	

	Primary Key	
Series.CollectionID	Foreign Key, Collection	
	Table	
Series.Title	Title of a record series	
	category within a Collection:	
	CIESIN Administrative	
	Records, CIESIN Records	
	Common to All Projects,	
	CIESIN Scientific Data,	
	SEDAC Operations	
	Records, SEDAC Active	
	Archive, SEDAC Long-	
	Term Archive.	
Series.SeriesCode	Unique identifier for the	
	record category: SEDAC	
	Active Archive, SEDAC	
	Long-Term Archive, CIESIN	
	Archive, Series 100 CIESIN	
	Records, Series 500	
	CIESIN Records, Series	
	600 SEDAC Operations	
	Records, Series 700	
	SEDAC Active Archive,	
	Series 800 Series Long-	
	Term Archive.	
Series.Description	Description of the series.	
Series.VRIndicator	Category of vital records, if	
	applicable, for the series:	
	Non-Vital Records,	
	Emergency - Operating	
	Records, Legal or Financial	
	Rights, Emergency and	
	Rights Records.	
Series.VRReviewDate	Date of next review of vital	
	records in series.	
Series.Activity	Level of use for series,	
	assignment based on	
	SeriesActivity.	
Series.ActivityDate	Date when activity for the	
	series was reviewed and	
	assigned.	
Series.CutoffDate	Date to cutoff records in	
	series.	
Series.AnnualAccum	Estimate of annual	
	accumulation of records in	
	series.	
Series.AccessStartDate	Date when access to series	
	began.	
Series.EndDate	Date when access to series	
	ended.	
Series.DeaccessionDate	Date of deaccession for all	
	records in series.	
Series.Note	Notes about the series.	
SeriesActivity.SeriesActivityID	Database generated,	
,	Primary Key	
SeriesActivity.SeriesID	Foreign Key, Series Table.	
SeriesActivity.PeriodStartDate	Date series activity period	-
	began.	
SeriesActivity.PeriodEndDate	Date series activity period	
	ended.	
	ondod.	

SeriesActivity.UniqueUserCnt	Number of unique users of	
	series during period.	
SeriesActivity.TotalUserCnt	Total number of users of	
	series during period.	
SeriesActivity.Note	Notes about series activity	25. Other
	for a given period.	
Aggregate.AggregateID	Database generated,	
	Primary Key	
Aggregate.SeriesID	Foreign Key, Series Table	
Aggregate.Title	Title of Aggregate category	
	assignment. For SEDAC	
	Scientific Data Series	
	mission areas: PLUE,	
	ENTRI, EH, MVA, HVA,	
	AFS, ES, EX, IG.	
Aggregate.AccessStartDate	Date access to aggregate	
	began.	
Aggregate.AccessEnDate	Date when access to	
	aggregate ended.	
Aggregate.DeaccessionDate	Date of deaccession for all	
	records in aggregate.	
Provenance.ProvenanceID	Database generated,	Persistent Identifier
	Primary Key	(Object)
Provenance.AggregateID	Foreign Key, Aggregate	
	Table	
Provenance.Origin	Description of the creation	
	process of the object.	
Provenance.Title	Formal Title that identifies	23. Process
	or describes the object.	
Provenance.Version	Identification to differentiate	
	object from other versions.	
Provenance.PreIngest	Description of pre-ingest	
	processing and custody of	
	object.	
Provenance.CreationDate	Date object was completed	2. Date (Object)
	by Author.	
Provenance.SubmissionDate	Date object was submitted	
D	to the archive for ingest.	
Provenance.Citation	Complete citation for object.	
Provenance.DesignatedCommunity	Description of designated	
	community of users,	
	potential users, or audience	
	for the object: Human	
	interactions in the environment community,	
	Decision-maker, Learner,	
	Manager, Scientist,	
	Teacher.	
Provenance.ReqdPreservationService	Level of preservation	
i Tovonance.rregui Teservationoervice	service or preservation plan	
	requested by submitter or	
	data provider: Preserve	
	Original Formats; Preserve	
	Content in Supported	
	Formats.	
Provenance.ReqdDisseminatnServce	Level of dissemination	
	service or dissemination	
	plan requested by submitter	
	or data provider: Restricted	
	3. data p. 3. idoi: 1 (301) 100	1

	dissemination. Public	<u> </u>
	Dissemination.	
Provenance.ReasonForCreation	Reason or purpose for	
	creating the described	
	object.	
Provenance.CustodyHistory	Chain of custody of object	
	prior to ingest into archive.	
Provenance.ReasonForPreservation	Justification for selecting	
	object for preservation in	
	archive.	
Provenance.AcquisitionDate	Date original object was	
	acquired by archive.	
Provenance.AcquisitionVolume	Volume of original object	
D	acquired by archive.	4 = 1 : 11 (
Provenance.AcquisitionFileInventory	List of all files in original	4. Technical Infrastructure
Provenance.ReceivedDate	object acquired by archive.	of Complex Object (Object)
Provenance.ReceivedDate	Date object received by the Archivist.	
Provenance.DeaccessionDate	Date the object was	
i iovenance.DeaccessionDate	deaccessioned from	
	archive.	
Provenance.AIPVolume	Total Size of the Archival	8. Storage Information
1 TOVOTIGITOO.7 (II VOIGITIE	Information Package	(Object)
	created by the archive to	(00)000
	preserve the Content	
	Information and Associated	
	Material	
Provenance.ContentInformationSize	Size of Content Information	
	of the Archival Information	
	Package in Bytes.	
Provenance.AssociatedMaterialSize	Size of material associated	
	with the Content	
	Information of the AIP in	
	Bytes.	
Provenance.Functionality	Description of any	
	functional characteristics of	
D. AIDE'LL (the object.	
Provenance.AIPFileInventory	List of all filenames and	
	sizes organized by the	
Provenance.AIPDataDictionary	directory structure. List of each filename in	
Flovendince.Air Databictionary	object with title of document	
	or description for each file,	
	including alternate formats.	
Provenance.AIP	All the files within their	
	preservation structure,	
	containing Content	
	Information and Associated	
	Information that has been	
	transformed by the Archive	
	for preservation (location in	
	system if dbms is part of the	
	repository).	
Provenance.AIPCreationDate	Date archive created	
	Preservation Master for	
	Archival Information	
D : 1015	Package.	
Provenance.ReceivedSIP	All of the files (within their	
	original structure) received	
	from the provider in the	
	Submission Information	

	T =
	Package (SIP) containing
	the Content Information and
	all Associated Information
	for the original object
	acquired (stored in system
	if dbms is part of the
	repository).
Provenance.PreparedSIP	All of the files (within their
	preservation structure),
	containing the Content
	Information and the
	Associated Information that
	have been prepared by the
	Archive for submission to
	another Archive or
	Collection (stored in system
	if dbms is part of the
	repository).
Provenance.VitalRecordIndicator	Vital Record status of
	object: Non-Vital Record,
	Emergency - Operating
	Record, Legal or Financial
	Rights Record, Emergency
	and Rights Record.
Provenance.PermRecordIndicator	Indicator that the record is a
	Permanent Record: N, Y.
Provenance.RecordCondition	Condition of record.
Provenance.Description	Description of the
1 Tovonanoo. Doodinpiion	intellectual content of the
	object.
Provenance.Methodology	Instruments and techniques
1 Toverlance: Wethodology	used to create the data.
Provenance.Variable	Variables, layouts, and
1 Toverlance. Variable	codes used to describe the
	data.
Provenance.SpatialCoverageDesc	Political or geographical
1 Toverlance: Opalial Coverage Desc	description of spatial
	· · · ·
Provenance.SpatialCoverageNote	coverage. Latitude and longitude
Frovenance.SpatialCoverageNote	covered, if available.
Provonance Special Penaluties	· · · · · · · · · · · · · · · · · · ·
Provenance.SpatialResolution	Spatial Resolution.
Provenance.SpatialResolutionNote	Notes on the spatial
Drawanan CDC	resolution of the object.
Provenance.SRS	Spatial Reference System
D	used for spatial resolution.
Provenance.BBoxMinX	Minimum X Coordinate
	(Longitude) for the
	Bounding Box.
Provenance.BBoxMinY	Minimum Y Coordinate
	(Latitude) for the Bounding
	Box.
Provenance.BBoxMaxX	Maximum X Coordinate
	(Longitude) for the
	Bounding Box.
Provenance.BBoxMaxY	Maximum Y Coordinate
	(Latitude) for the Bounding
	Box.
Provenance.SpatialCoverage	If database supports native
·	spatial data types, this field
	should be used to store
	actual shape of spatial
	r fra fra

	coverage.	
Retention.RetentionID	Database generated	
Retention.Retentionid	Database generated, Primary Key	
Retention.ProvenanceID	Foreign Key, Provenance	
	Table, if retention relates to	
	provenance.	
Retention.SeriesID	Foreign Key, Series Table,	
Retention.Instruction	if retention relates to series. Instructions for retention or	15. Archiving Decision
Neterition.instruction	disposition of record or	13. Alchiving Decision
	series: Review every Five	
	Years, Retain Indefinitely,	
	Freeze, Transfer to LTA,	
	Retire, Destroy.	10. D D.
Retention.InstructionReason	Justification for retention instructions on record or	16. Decision Reason
	series.	
Retention.InstrctnDate	Date instructions were	
	decided for record or series.	
Retention.InstrctnActDate	Date instructions are to be	
	executed for record or	
Detection Coloradula Dete	series.	
Retention.ScheduleDate	Date record or series will be reviewed.	
Retention.Authority	Name of individual or group	17. Institution Responsible
Trotoria tauronty	deciding on instructions for	for Archiving Decision
	record or series: SEDAC	S .
	UWG, LTA Board.	
Tarana and Data Tarana and Data ID	Databasa sasasatad	
TemporalData.TemporalDataID	Database generated, Primary Key	
TemporalData.ProvenanceID	Foreign Key, Provenance	
remperate and revenue rest	Table	
TemporalData.TCovPrecision	Precision of data used to	
	describe temporal	
	coverage: Year, Month,	
TemporalData.TCovStart	Day. Start date for data	
romporarbata. roovotart	collection.	
TemporalData.TCovEnd	End date for data collection.	
TemporalData.TCovProjectionTo	Date of temporal coverage	
T 10 T 0 10	projection to a future date.	
TemporalData.TresDescription	Description of temporal resolution, time intervals	
	between successive	
	observations, frequency of	
	granule production.	
Relationship.FromProvenancID	Foreign Key, Provenance	
Relationship.ToProvenanceID	Table, part of Primary Key Foreign Key, Provenance	13. Relationships
Relationship. For Toverlance D	Table, part of Primary Key	13. Relationships
Relationship.Relation	Part of Primary Key. Type	13. Relationships
1	of relationship: Subset,	
	Superset, Derivative,	
	Source, Extract, Version,	
	Release, Edition, Integrates	
Relationship.RelationStartDate	Parts, Compliment. Date relationship began.	
Relationship.RelationEndDate	Date relationship began. Date relationship ended.	
- totationomp.i totationEnabato	Date relationship chaca.	

Relationship.Note	Note about the relationship.	
11 66 6 11 66 6 15	D.1.1	
Identification.IdentificationID	Database generated,	
Identification.ProvenanceID	Primary Key Foreign Key, Provenance	
	Table	
Identification.IdentifierType	Type of identifier for which	
	the object has been	
	assigned a unique ID:	
	Global Identifier, TDB ID,	
	UMDB Rec #, DOI, ISBN.	
Identification.IdentifierAssigned	Unique Identifier assigned	
	to an object for an identifier	
	type.	
ProvReference.ProvReferenceID	Database generated,	
Dray Deference Dray consusal D	Primary Key	
ProvReference.ProvenanceID	Foreign Key, Provenance	
ProvReference.RefAuthor	Table Names of authors of	
Provide reflective. Reflaction	reference work.	
ProvReference.RefAuthorRole	Role of authors of reference	
1 TOTAL CONTROLL CONTROL CO	work (Eds.)	
ProvReference.RefTitle	Title of reference work.	
ProvReference.MonographAuthor	Author names of	
	monograph containing	
	reference work.	
ProvReference.MonographAuthRole	Role of authors of	
3 1	monograph containing	
	reference work (Eds.)	
ProvReference.MonographTitle	Title of monograph	
	containing reference work.	
ProvReference.JournalTitle	Title of journal containing	
	reference work.	
ProvReference.TranslatedTitle	English translation of title if	
D D (E 19)	in another language.	
ProvReference.Edition	Edition identifier of	
	monograph containing	
ProvReference.SubsidiaryAuthor	reference work. Names of subsidiary	
FlovReleterice.SubsidiaryAdition	authors if author is an	
	institution.	
ProvReference.PublicationPlace	Location where reference	
Trevitereneen abneadern lage	work is published.	
ProvReference.Publisher	Name of reference work	
	publisher.	
ProvReference.PublicationDate	Date reference work was	
	published.	
ProvReference.PublicationYear	Year when reference work	
	was published.	
ProvReference.CopyrightDate	Date of copyright for	
	reference work.	
ProvReference.VolumeID	Volume identifier of	
DrovPoforonoo locualD	reference work. Issue identifier of reference	
ProvReference.IssueID	work.	
ProvReference.Page	Range of pages of	
i Tovixeletetice.Fage	reference work.	
ProvReference.WorkExtent	Total number of pages of	
1 TOVICOIOIOIOC. WOINEALGIIL	reference work.	
ProvReference.PackagingMethod	Public accessibility of	

	reference work.	
ProvReference.SeriesEditor	Editor of series containing	
	reference work.	
ProvReference.SeriesEditorRole	Role of Editor for series	
T TOVICOTORIOO. GOTTOGE GITCOTOG	containing reference work.	
ProvReference.SeriesTitle	Title of series containing	
1 Tovice let et lee. Settles Title	reference work.	
ProvReference.SeriesVolumeID	Volume identifier for series	
1 TOVICE LET CE. Series VolumerD	containing reference work.	
ProvReference.SeriesIssueID	Issue identifier for series	
FlovReleterice.SeriesissuelD		
Draw Defending Degram ant Tring	containing reference work.	
ProvReference.DocumentType	Type of reference work. Ex:	
ProvReference.URL	Journal, Book, Proceedings	
ProvReference.URL	URL of text or full reference	
D D (A 11.111)	of reference work.	
ProvReference.Availability	File path or file cabinet if	
	stored, or blank if not	
	available.	
ProvReference.ISBN	ISBN number for reference	
	work.	
ProvReference.Note	Note about reference work.	25. Other
ProvReference.RefAbstract	Abstract of reference work.	
ProvReference.CallNumber	Identifier in classification	
	system (LOC, Dewey, or	
	other).	
ProvReference.ReferenceType	Use of object by reference	
••	work. Ex: Report,	
ProvReference.RefCitation	Complete bibliographic	
	reference for reference	
	work.	
ProvReference.RefCitSource	Citation database or service	
	listing reference and date	
	found.	
ProvReference.RefUseRight	Right or permission to use	
Trovitoronoon torocortigin	reference work, citation, or	
	abstract.	
ProvReference.RefAccessRight	Right/permission to access	
1 Tovicoloronoc.icoi/Gooddicigni	or link reference work,	
	citation or abstract.	
ProvReference.DisplayOrder	Order in which reference	
1 Tovice le l'elice. Display Ordei	work will appear in	
	reference list.	
	Total allocations.	
Property.PropertyID	Database generated	
гторену. гторенуто	Database generated,	
Droporty Droporty Doront D	Primary Key	
Property.PropertyParentID	Foreign Key, Property	
Duran auto Duran auto Maria	Table	O Otherstand T (OL)
Property.PropertyName	Name of the property	3. Structural Type (Object),
	describing an object: Ingest	14. Quirks
	Status, Ingest Format	
	Processing, Significant	
	Property, DCMI Type,	
	Document Type, Content	
	Type, Subject, Language.	
	For Ingest Status: Under	
	Development by Creator,	
	Being Prepared for	
	Submission, Received by	
	Archivist, Content Review	
	Pending, Content Under	
	Review by Archivist,	1

	T _	T
	Content Review Complete,	
	Description Pending,	
	Description Under Review,	
	Description Complete, DOI	
	Assigned, Quality Review	
	Pending, Quality Review	
	Complete, Failed Content	
	Quality Review. Rejected -	
	Data Returned to Creator,	
	Ingested, Destroyed; For	
	Ingest Format Processing:	
	All files Ingested in	
	Supported Formats,	
	Original Non-Supported	
	Formats Only, Original	
	formats and All Files	
	Migrated to Supported	
	Formats; For Significant	
	Properties: Intellectual	
	Content of Text, intellectual	
	content of image; For DCMI	
	Type: Collection, Dataset,	
	Event, Image, Interactive	
	Resource, Moving Image,	
	Physical Object, Service,	
	Software, Sound, Still	
	Image; For Document Type	
	, ,	
	(ISO 19115 Document	
	Type):	
	PresentationFormCode:	
	documentDigital,	
	documentHardcopy,	
	imageDigital,	
	imageHardcopy,	
	mapDigital, mapHardcopy,	
	modelDigital,	
	modelHardcopy,	
	profileDigital,	
	profileHardcopy,	
	tableDigital, tableHardcopy,	
	videoDigital,	
	videoBigital, videoHardcopy; Content	
	Type: Data, Documentation,	
	Permission; Subject	
	thesaurus or controlled	
	vocabulary; Language:	
B + B + S	English, Spanish.	
Property.PropertyDesc	Description of a property.	
Property.PropertyStatus	Current status of the	
	property: Valid, Not in Use.	
Provenance_Property.ProvenancePropertyID	Database generated,	
	Primary Key	
Provenance_Property.ProvenanceID	Foreign Key, Provenance	
	Table	
Provenance_Property.PropertyID	Foreign Key, Property	
1 Tovenance_1 Toperty.FTopertyID		
Drovenence Drovensky DDO4-4D 4	Table	
Provenance_Property.PPStartDate	Date when property began	
Provenance_Property.PPEndDate	Date when property ended.	
Provenance_Property.Note	Note about property as it	25. Other
	pertains to a particular	
	provenance.	
	• •	•

ProvenenceNote ProvenenceNoteID	Database generated	
ProvenanceNote.ProvenanceNoteID	Database generated, Primary Key	
ProvenanceNote.ProvenanceID	Foreign Key, Provenance Table	
ProvenanceNote.NoteText	Note about the provenance of an object.	25. Other
ProvenanceNote.PostedBy	Person who posted the note about the provenance of an object.	
ProvenanceNote.PostedOn	Date the note was posted.	
ProvenanceNote.NoteType	Type of provenance note: Accession, Maintenance, Disposition.	
OtherTitle.OtherTitleID	Database generated, Primary Key	
OtherTitle.ProvenanceID	Foreign Key, Provenance Table	
OtherTitle.TitleType	Alternate Title, Former Title	
OtherTitle.Title	Other title of an object.	
OtherTitle.Note	Note about the other title of an object.	
Person.PersonID	Database generated,	
reison.reisonid	Primary Key	
Person.ProvenanceID	Foreign Key, Provenance Table	
Person.PersonRole	Role of responsible person: Author, Contributor, Recipient, Internal Contact, Accessioner, Originating Organization Technical Contact, Originating Organization Program Contact, Environment Manager, Security Official.	24. Record Creator
Person.PersonOrder	Order in which person will appear in a Person Role list, if sorted.	
Person.FirstName	First name of person.	
Person.LastName	Last name of person.	
Person.Address1	Line 1 of person address.	
Person.Address2	Line 2 of person address.	
Person.City Person.State	City of person. State of person.	
Person.Country	Country of person.	
Person.PostalCode	Postal code address for person.	
Person.Phone	Telephone number for person.	
Person.Fax	Fax number for person.	
Person.Email1	Primary e-mail address for person.	
Person.Email2	Second e-mail address for person.	
Person.Note	Note about person.	
Institution.InstitutionID	Database generated, Primary Key	

Institution.ProvenanceID	Foreign Key, Provenance Table	
Institution.InstitutionRole	Role of institution for object.	
mondation notice and the second	Originating Organization,	
	Program Support.	
Institution.InstitutionOrder	Order in which the	
mondation.mondationorder	institution will appear on an	
	institution role list If higher	
	priority has been assigned.	
Institution.InstitutionName	Name of institution.	22. Institution with
institution.institutioniname	name of institution.	
Institution Address 1	Line 1 of institution address	Preservation Responsibility
Institution.Address1	Line 1 of institution address.	
Institution.Address2	Line 2 of institution address.	
Institution.City	City of institution.	
Institution.State	State of institution.	
Institution.Country	Country of institution.	
Institution.PostalCode	Postal code for institution	
	address.	
Institution.Phone	Telephone number for	
	institution.	
Institution.Fax	Fax number for institution.	
Institution.Website	Website URL for institution.	
Institution.Note	Note about institution.	<u> </u>
monduon.rvote	Note about institution.	
De sum ant De sum ant D	Databasa manayatad	
Document.DocumentID	Database generated,	
	Primary Key	
Document.ProvenanceID	Foreign Key, Provenance Table	
Document.DocumentType	Type of document	6. Known System
20042004	describing the object: User	Requirements (Object)
	Manual, User Guide,	7. Installation Requirements
	Variable List, Codebook,	(Object)
	Data Layout, Parameter	9. Access Inhibitors
	List, User Notes, File	9. Access minibilors
	Inventory, Installation	
D (Till	Instructions, Splash Page.	
Document.Title	Title of document	
	describing the object.	
Document.ArchivalID	Identifier of the document if	
	recorded as a provenance.	
Document.AccessPoint	URL of access point that	
	disseminates document	
	(http://; ftp://).	
Document.FileName	Filename of the document.	
Document.Scheme	Encoding scheme for the	
	document. MARC, EAD,	
	VRA, DC, NISOIMG, LC-	
	AV, TEIHDR (Text	
	Encoding Initiative Header),	
	DDI, FGDC-STD-001-1998,	
	FGDC CSGDM, DIF, ISO	
	19115, NY State	
	Clearinghouse, Metalite,	
	IEEE LOM, ESRI,	
	Unknown.	
Dogument Longuage		
Document.Language	Language in which the	
	document is written:	
	English, Spanish.	
Document.AdditionalInfo	Additional information about	
	the document.	

Distributor.DistributorID	Database generated,
	Primary Key
Distributor.DistributorName	Name of the service that
	distributes a dissemination
	of an object: CIESIN,
	Columbia Earth Institute,
Distributor.Address1	SEDAC, SEDAC LTA. Line 1 of distributor
Distributor.Address i	address.
Distributor.Address2	Line 2 of distributor
Distributor.Address2	address.
Distributor.City	City of distributor.
Distributor.State	State of distributor.
Distributor.PostalCode	Postal Code of distributor.
Distributor.Country	Country of distributor.
Distributor.TelePhone	Telephone number of
Biotributor. Folor Horic	distributor.
Distributor.Fax	Fax number of distributor.
Distributor.URL	URL of distributor.
Distributor.Email	Email address of distributor.
Distributor.Website	Website of distributor.
Dissemination.DisseminationID	Database generated,
	Primary Key
Dissemination.DistributorID	Foreign Key, Distributor
	Table
Dissemination.Medium	Primary data storage
	medium for distributing
	object from dissemination
	service: CD-ROM, DVD,
	URN, URL, FTP.
Dissemination.PublicAccessPoint	Primary Access Point for
	distributing object to the
	public from dissemination
Di i di la	service (http://; ftp://).
Dissemination.InternalLocation	Path and folder name of
	location from which object
	is distributed from internal dissemination service.
Dissemination.DissemSize	
Disseriiriation.Disseriisize	Size of object disseminated in Bytes
Dissemination.StartDate	Date dissemination service
Disserimation. StartDate	began disseminating object.
Dissemination.EndDate	Date dissemination service
Disconination. Enabate	discontinued disseminating
	object.
Dissemination.DIPDescription	File Inventory of all files
	included in the
	Dissemination Information
	Package (DIP) submitted to
	dissemination service for
	distribution.
Dissemination.DissemCharge	Amount received from
	dissemination service for
	distributing object.
Dissemination.DissemChargeUnit	Monetary unit of
-	DissemCharge.
Dissemination.OriginalPublisher	Flag indicating that
	dissemination is by Original
	Publisher: N, Y.
Dissemination.PrimaryDistributor	Flag indicating that

	dissemination is by Primary Distributor: N. Y.	
DissemAltPoint.DissemAltPointID	Database generated, Primary Key	
DissemAltPoint.DisseminationID	Foreign Key, Dissemination Table	
DissemAltPoint.AltAccessPoint	Alternate access point disseminating object (http://; ftp://).	
DissemAltPoint.StartDate	Date started disseminating object at alternate access point.	
DissemAltPoint.EndDate	Date stopped disseminating object at alternate access point	
DissemAltPoint.Note	Note on alternate dissemination point.	
ProvDissemination.ProvDisseminationID	Database generated, Primary Key	
ProvDissemination.DisseminationID	Foreign Key, Dissemination Table, part of Alternate Key	
ProvDissemination.ProvenanceID	Foreign Key, Provenance Table, part of Alternate Key	
ProvDissemination.RootPath	Directory path where object is disseminated within group.	
ProvDissemination.StartDate	Date object began being disseminated within group.	
ProvDissemination.EndDate	Date object no longer disseminated within group.	
ProvDissemination.Note	Note on object dissemination within group.	
PDFileList.PDFileListID	Database generated, Primary Key	
PDFileList.ProvDissemID	Foreign Key, ProvDissemination Table	
PDFileList.FileName	Name of the file listing files disseminated in dissemination.	
PDFileList.StartDate	Date the listed files were included in dissemination.	
PDFileList.EndDate	Date the listed files were no longer in dissemination.	
PDFileList.Note	Note about the list of files included within dissemination.	
Catalog.CatalogID	Database generated, Primary Key.	
Catalog.CatalogName	Name of the catalog where an object is registered: SEDAC, CIESIN, EDGRS, ESIP, DLESE, NSDL.	10. Finding and Searching Aids, and Access Facilitators
Catalog.URL	URL of the catalog where an object is registered.	
Catalog.ContactInfo	Contact information for a catalog where an object is registered.	

CatalogEntry.CatalogEntryID	Database generated,	
	Primary Key.	
CatalogEntry.DisseminationID	Foreign Key, Dissemination	
,	Table.	
CatalogEntry.CatalogID	Foreign Key, Catalog Table.	
CatalogEntry.EntryID	Unique Identifier in the	
	catalog for the record	
	describing the object.	
CatalogEntry.Submission	Date description of entry	
	was submitted to a catalog.	
CatalogEntry.StartDate	Date catalog entry was	
	available.	
CatalogEntry.EndDate	Date catalog entry was no	
	longer available.	
CatalogEntry.EntryStatus	Status of catalog entry:	
	None, Partial, Complete,	
Catalag Finter (Page	Removed.	
CatalogEntry.EntryDesc	Description of the	
	dissemination included in the fields of the entry.	
CatalogEntry.EntryLastUpdate	Date of the last update to	
OataiogEntry.EntryLaStOpuate	the catalog entry for the	
	object.	
CatalogEntry.Note	Note about the catalog	
CatalogEntry.Note	entry for an object.	
	onary for all object.	
Location.LocationID	Database generated,	
200diloni 200diloni 2	Primary Key	
Location.LocType	Type of location. Onsite	
	Offline Archive, Offsite	
	Offline Archive, Onsite	
	Processing, Onsite	
	Network, Onsite Storage	
	Shelves.	
Location.LocName	Name of the Location.	
	CIESIN Archival Facility,	
	GISS Computer Room,	
	Geoscience Computer	
	Room, Geoscience Storage	
	Room.	
Location.LocDesc	Description of the archival	
	facilities at the location.	
Location.LocAGENT	Name of the individual	
	responsible for the location.	
	Bul	
LocationParam.LocationParamID	Database generated,	
Lacation Demonstration 15	Primary Key	
LocationParam.LocationID	Foreign Key, Location	
LocationParam.ParamName	Table	
LocationParam.Paraminame	Name of the parameter measured at the location:	
	Temperature, High Temperature, Low	
	Temperature, Low Temperature, Humidity,	
	High Humidity, Low	
	Humidity, Inventory,	
	Recovery Test.	
LocationParam.ParamValue	Value of the parameter	
Location diamin diaminalde	measured at the location.	
LocationParam.ParamUnit	Unit of measurement for	
LOGATION AIAMA AIAMONI	Onit of measurement for	

	recorded value measured at	
	location: Degrees	
LocationParam.ParamDate	Fahrenheit, Percentage. Date and time of	
Locationi aram.i arambate	measurement.	
LocationParam.ParamNote	Note on instrument or	
	parameter measured.	
Media.MediaID	Database generated,	
	Primary Key	
Media.MediaType	Type of media used: CD-ROM, CD-R, DVD-R, DVD+R, Print.	8. Storage Information (Object)
Media.MediaBrand	Brand of the media: TDK 700 MB 48x Data CD-R.	
Media.MediaPurchaseDate	Date the media was purchased.	
Media.Note	Note about the media.	25. Other
Media_Location.LocationID	Database generated, Primary Key	
Media_Location.MediaID	Foreign Key, Media Table	
Media_Location.DepositedOn	Date the archival media was deposited at the location.	
Media_Location.RemovedOn	Date the archival media	
Would_Essation.i.voiiiovodon	was removed from the location.	
Media Location.Note	Note about the archival	
	media housed at a location.	
Event.EventID	Database generated,	
Evenile Verille	Primary Key	
Event.MediaID	Foreign Key, Media Table	
Event.EventStatus	Status of the event:	
	Complete, Scheduled,	
Event Designation	Postponed. Name of the event: Deposit,	
Event.Designation	Inventory, Audit, Inspection, Virus Check, Media Write,	
	Quality Check, Format	
	Conversion, Removal,	
	Check Out, Bring Forward,	
	Media Request, Media	
Event.Procedure	Destruction.	22 Process
Event.Procedure	Procedure completed on media during an event.	23. Process
Event.Location	Location where the event occurred.	
Event.EventDate	Date and time of event.	
Event.Outcome	Description of the event	
E W	outcome.	
Event Responsible Person	Note about the event.	
Event.ResponsiblePerson	Individual responsible for the event.	
Event.RetrievalRecipient	Individual who received the media.	
Event.RetrievalRequestor	Individual who requested the media.	
ProvenanceMedia.ProvenanceMediaID	Database generated	
Frovendricelvieula.FrovendricelvieulaID	Database generated,	

	Primary Key	
ProvenanceMedia.ProvenanceID	Foreign Key, Provenance Table	
ProvenanceMedia.MediaID	Foreign Key, Media Table	
ProvenanceMedia.MediaCopy	Instance of object stored on media: Preservation Master, Security Master, Duplication Master, Access Service Copy.	21. Intention Type (Object)
ProvenanceMedia.RootPath	Path and directory of the object on the media.	
ProvenanceMedia.WriteDate	Date the object was written on the media.	
ProvenanceMedia.DeleteDate	Date the object was deleted from the media.	
ProvenanceMedia.ValidationProc	Signature type used to generate validation key: MD5, SHA-1.	12. Validation (Object)
ProvenanceMedia.KeyCreationDate	Date validation key was generated.	
ProvenanceMedia.Result	Hash value, filename, or path and filename of stored validation signature.	12. Validation (Object)
ProvenanceMedia.LastCheckDate	Date validation key generated and compared with original.	
ProvenanceMedia.NextCheckDate	Date scheduled for validation key comparison.	
DataFile.DataFileID	Database generated, Primary Key	1. Persistent Identifier (File)
DataFile.ProvenanceMediaID	Foreign Key, ProvenanceMedia Table	
DataFile.FileName	Name of the file including its extension.	
DataFile.FileSize	Size of the file in bytes.	8. Storage Information (File)
DataFile.ContentType	Type of content in the file: Data, Documentation, Permission, Startup.	
DataFile.MarkupType	Type of markup used to encode contents of file: HTML, SGML, XML.	
DataFile.MarkupName	Name of schema and version employed for the MarkupType: TEI DTD, W3C XML.	
DataFile.MarkupSchema	Contents of schema used for the Markup Type.	
DataFile.FileAccessRight	Access rights or limitations specific to file: Universal Access -unrestricted, Research Use Only, Educational Use Only, Research and Educational Use Only, Non-Commercial Use Only, On-Site Use Only, Signed Confidentiality Agreement Only, Staff Only, Staff Addresses Only, Licensees Only, Domestic IP Addresses Only, No	

	Online Access, No Access Allowed Pending Further Evaluation.	
DataFile.ExpofAccessRight	Date access rights or restrictions specific to file expire.	
DataFile.PreservRestrictn	Preservation rights or limitations for preserving file.	11. Preservation Action Permission
DataFile.EncryptionInfo	Description of encryption employed on file.	9. Access Inhibitors (File)
DataFile.AccessInhibitors	Inhibitors to access inherent to the file: Password protection, AAA watermark.	9. Access Inhibitors (File)
DataFile.FileType	MIME Media Type for file in format Content Type/Subtype: application/pdf, audio/mpeg, image/tiff, message/http, model/vrml, multipart/signed, text/html, video/mpeg.	3. File Description (File)
DataFile.FileVersion	Version of the MIME Media Type.	
DataFile.FileFormat	Software program used to create the file: Microsoft Word 2000, Microsoft Excel 2000.	7. Installation Requirements (File)
DataFile.FormatRegistry	Registry to identify the software program used to create or view the file: Pronom.	
DataFile.RegistryEntry	Entry in the Format Registry for the file format.	
DataFile.DateModified	Last date and time when file was written or modified.	2. Date (File)
DataFile.PreservFormat	File format is a preservation format: Y, N.	
DataFile.AltFormat	Alternate or derivative formats that contain contents of file: txt, csv, pdf.	
DataFile.OriginalFileID	Foreign key to DataFile.DataFileID. DataFileID for original file from which the file is a derivative.	
DataFile.OriginalFileName	Filename (and extension) for the original source file from which the file described is a derivative.	13. Relationships
DataFile.Creation	Description of the file creation, coded to record file history: Original file received, Migrated file, Archive generated file.	23. Process
DataFile.History	Description of file history, coded string to record file history: O = Original file received. M = Migrated file. A = Archive generated file. MMO = Migrated file from	

	Migrated file from Original	
Data File Data al-Data	file.	
DataFile.RefreshDate	Last date and time file was	
DataFile.AccessStartDate	written to any media. Date when access to file	
DataFile.AccessStartDate	may be granted.	
DataFile.AccessEndDate	Date when access to file	
Datai iie.AccessEndDate	ends.	
DataFile.DeaccessionDate	Date when file was	
Batal IIC.BeaccessionBate	deaccessioned from	
	archive.	
FilePart.FilePartID	Database generated,	
	Primary Key	
FilePart.DataFileID	Foreign Key, DataFile Table	
FilePart.FilePartType	Type of FilePart: Table,	
•	Screenshot, Thumbnail	
	Image, Page Image,	
	Annotation, Mask, Metadata	
	Text.	
FilePart.FilePartLoc	Location or address of	
	FilePart within the file:	
	Unknown.	
FilePart.FilePartDesc	Description of FilePart	
	differentiated from file.	
Environment.EnvironmentID	Database generated,	
	Primary Key	
Environment.DataFileID	Foreign Key, DataFile Table	
Environment.EnvironmentType	Type of environment	6. Known System
	required for data file:	Requirements (File)
	Rendering Software,	
	Display Application,	
	Operating System,	
	Middleware, Hardware	
	CPU, Hardware	
F : 4.770	Peripherals.	
Environment.Title	Title of environment	
	software or hardware	
Environment Description	required.	14 Ouirles
Environment.Description	Description of implementation	14. Quirks
	environment for data file.	
Environment.Documentation	Documentation for the	7. Installation Requirements
LITATION INTERILL DOCUMENTALION	implementation	7. Installation Requirements
	environment.	
Environment.ExpiryDate	Date environment is	
Environment. Expiry Date	scheduled to expire or be	
	replaced.	
AccessRestriction.AccessRestrictionID	Database generated,	
	Primary Key	
AccessRestriction.ProvenanceID	Foreign Key, Provenance	
	Table	
AccessRestriction.AccessRestriction	Security category or type of	
	restriction: Onsite Use Only	
	- Confidential Data- No	
	Copying, Permission from	
	Project Director Required,	
	Confidentiality Agreement	
	Required - No Copying or	

	Network Access, Project Director only, Universal Access (unrestricted), Research Use Only, Educational Use Only, Research and Educational Use Only, Non-Commercial Use Only, On-Site Use Only, Signed Confidentiality Agreement Only, CU Personnel Only, CU Addresses Only, Domestic IP Addresses Only, No Online Access.	
AccessRestriction.AccessRestrictionDesc AccessRestriction.CurrentDeclaration	Description of restriction on access to object. Confidentiality agreement or user agreement on	
AccessRestriction.SecurityNote	restriction. Note about the security restriction on object.	
AccessRestriction.SecurityReviewDate AccessRestriction.ARStartDate	Date security restriction is scheduled for review. Date access restriction on	
AccessRestriction.AREndDate	object begins. Date access restriction on object ends.	
Decision.DecisionID	Database generated, Primary Key	
Decision.DecisionType	Type of Decision: Acquisition, Nomination for Dissemination, Nomination for Deaccession, Nomination for Transfer, Nomination for Accession, Dissemination, Disposition, Transfer, Provisional Use, Beta System Dissemination; Production System Dissemination.	
Decision. Decision	Decision about an object for a Decision Type. For Preservation Service: Preserve content, Preserve Original Formats; For SEDAC: Disseminate, Ancillary Product, Transfer to LTA; For SEDAC Acquisition: redistributed 3rd party data, value-added 3rd party data, SEDAC-developed; For LTA: Public Dissemination, Restricted Dissemination; (Others Considered: Under Review, Disseminate, Delete, Remove) The following 7 categories are not mutually exclusive: Delete; Retire; Long-Term Archive; Archive, But Not	18. Archiving Decision (Object Manifestation)

	Disseminate, SEDAC	
	Disseminate by Type: -	
	Subsets Only, - Web	
	Download - Internet	
	Mapping; Missing; Add to	
	SDP; Consolidate.	
Decision.MeetingDate	Date when the decision was	
_	made.	
Decision.DecisionActiveDate	Date on which the decision	
	is implemented.	
Decision.Authority	Authority deciding the	20. Institution Responsible
	status of an object within	for Archiving Decision
	the archive: CIESIN	(Object Manifestation)
	Director, CIESIN Deputy	(, , , , , , , , , , , , , , , , , , ,
	Director, CIESIN Associate	
	Director for IS, SEDAC	
	UWG, SEDAC Project	
	Manager, SEDAC Lead	
	Project Scientist, SEDAC	
	Archives Manager, SEDAC	
	Archivist, LTA Board, LTA	
	Manager, LTA Archivist.	
Decision.Note	Note of Rationale or	19. Decision Reason
DOGGIGITATOLG	Justification for making the	(Object Manifestation)
	decision.	(Object Marinestation)
	decision.	
ProvenanceDecision.ProvenanceDecisionID	Detabase generated	
ProvenanceDecision.ProvenanceDecisionID	Database generated,	
Decree of Decision Decree of D	Primary Key	
ProvenanceDecision.ProvenanceID	Foreign Key, Provenance	
Decree of a Decision Decision ID	Table	
ProvenanceDecision.DecisionID	Foreign Key, Decision	
D :: N.	Table	
ProvenanceDecision.Note	Note about the decision in	
	reference to a specific	
	provenance.	
RightOwner.RightOwnerID	Database generated,	
	Primary Key	
RightOwner.Entity	Organization that owns right	
	for an object or Public	
	Domain.	
RightOwner.Signator	Person who signed	
	document authorizing a	
	right for an object.	
RightOwner.SignatorTitle	Title of signer authorizing a	
·	right for an object.	
RightOwner.SigContactInfo	Contact information for	
	signer authorizing a right for	
	an object.	
RightOwner.Address1	Line 1 of right owner	
•	address.	
RightOwner.Address2	Line 2 of right owner	
	address.	
RightOwner.City	City of right owner.	
RightOwner.State	State of right owner.	
RightOwner.Country	Country of right owner.	
RightOwner.PostalCode	Postal code for right owner.	
RightOwner.Telephone	Telephone number for right owner.	
Pight∩wnor Foy		
RightOwner.Fax	Fax number for right owner.	
RightOwner.Email	E-mail for right owner.	

RightOwner.Website	URL of right owner website.	
RightOwner.Note	Note about right owner.	
Right.RightID	Database generated,	
	Primary Key	
Right.RightType	Type of right held:	
	copyright, license, public	
	domain, contract,	
B: 1 / B: 1 / M	Permission.	
Right.RightName	Distribution Right, Usage	
	Right, Preservation Right,	
Right.RightDesc	Access Right, Print Right. Description of the right and	11. Preservation Action
Right.RightDesc	intellectual property	Permission
	restrictions or obligations.	1 61111331011
Right.Note	Note on rights for object.	
Trigital Vote	Trote on rights for object.	
RightHeld.RightHeldID	Database generated,	
ragna retairagna retaib	Primary Key	
RightHeld.RightOwnerID	Foreign Key, RightOwner	
3	Table	
RightHeld.ProvenanceID	Foreign Key, Provenance	
	Table	
RightHeld.RightID	Foreign Key, Right Table	
RightHeld.RightOrigination	Right granted to others or	
	received from owner:	
	Granted, Received.	
RightHeld.CurDeclaration	Content of license, contract,	
	or permission statement.	
RightHeld.RightDocFile	Filename and directory path	
	of the digital (or scanned)	
	document that authorizes	
B: 1411 11 B: 14B	rights for an object.	
RightHeld.RightDocLoc	Location of original printed	
	license, contract, or permission document:	
	Onsite Archive, Offsite	
	Archive, Storeroom, Not	
	Printed.	
RightHeld.BeginDate	Date of execution for rights	
	held or date of contract if	
	not specified.	
RightHeld.ExpiryDate	Date of expiration for rights	
	held or null if no expiration	
	date.	
RightHeld.Receiver	Person who signed	
	document (or agreed to	
	conditions) and is	
	authorized to acquire or use	
B: Lull II O	object.	
RightHeld.Cost	Cost to acquire object or	
Distribution Continue	rights to object.	
RightHeld.CostUnit	Monetary unit for cost to acquire object or rights to	
RightHeld.Note	object. Note on right held for an	
ragnii idia.ivole	object.	
RightHeld.RightBrief	Brief description of right	
ragna ioid.ragnabhei	held and intended usage	
	group or purpose: Use and	
	distribute freely, Use and	
		l

	distribute only within organization, Distribute for research or educational purposes, Third party distribution, Research use only, Educational use only, Non-commercial use only, Staff use only.	
RightHeld.Request	Request for rights, including the reason to justify authorization.	

Crosswalk:

Data Model for Managing and Preserving Geospatial Electronic Records to National Library of New Zealand. Metadata Standards Framework, Preservation Metadata (Revised June 2003) Available Online:

 $http://www.natlib.govt.nz/files/4 initiatives_metaschema_revised.pdf$

Object (1), Process (2), File (3), Metadata Modification (4)

Field	Definition	NLNZ PM Element
Collection.CollectionID	Database generated,	
	Primary Key	
Collection.Title	Title for a Collection:	
	CIESIN Archive, SEDAC	
	Scientific Data Archives,	
	specific project Archive.	
Collection.Description	Description of the collection	
•	and keywords.	
Collection.AccessRegmnt	Requirements for accessing	
·	the collection: Object	
	Specific Requirements,	
	CMB Approval, Systems	
	Manager Approval.	
Collection.InstallReqmnt	Requirements for	
4	installation of collection	
Collection.SizeReqmnt	Storage volume	
	requirement for collection,	
	automatically calculated.	
Collection.AccessInhibitor	Method(s) employed to	
	inhibit access to collection	
	that could affect	
	preservation, such as	
	encryption or watermarking.	
Collection.FindingAid	Method used to facilitate	
Concolon. mang/ta	discovery of collection.	
Collection.PresrvPermission	Statement of permission to	
Concolloria roorer omnoolori	copy collection or migrate to	
	various formats for	
	preservation.	
Collection.RelationDesc	Description of relationships,	
Collection. Relation Desc	relevant for preservation,	
	between collection and	
	other objects or collections.	
Collection.Quirk	Characteristic that could	
Conconstruction	degrade functionality or	
	aspects of the collection.	
Collection.Purpose	Purpose and reason for	
Concollorial dipose	archiving the collection:	
	Funding Agency	
	Requirement; Scientific	
	Value; Historical value;	
	Fiduciary responsibility.	
Collection.DecisionDate	Date of decision to archive	
Consolion. Decision Date	the collection.	
Collection.AccessStartDate	Date access was provided	
Concolion, 1000330 tall Date	to collection.	
Collection.AccessEndDate	Date when access to	
Odliedlion.AddessEndDate	collection ended.	
Collection.DeaccessionDate	Date collection is	
Oursellon. Deaccession Date	deaccessioned by archive.	
	ueaccessioned by archive.	

Collection.Note	Notes about collection.	
Series.SeriesID	Database generated,	
Genes.Genesib	Primary Key	
Series.CollectionID	Foreign Key, Collection	
	Table	
Series.Title	Title of a record series	
	category within a Collection:	
	CIESIN Administrative	
	Records, CIESIN Records	
	Common to All Projects,	
	CIESIN Scientific Data, SEDAC Operations	
	Records, SEDAC Active	
	Archive, SEDAC Long-	
	Term Archive.	
Series.SeriesCode	Unique identifier for the	
	record category: SEDAC	
	Active Archive, SEDAC	
	Long-Term Archive, CIESIN	
	Archive, Series 100 CIESIN	
	Records, Series 500	
	CIESIN Records, Series 600 SEDAC Operations	
	Records, Series 700	
	SEDAC Active Archive,	
	Series 800 Series Long-	
	Term Archive.	
Series.Description	Description of the series.	
Series.VRIndicator	Category of vital records, if	
	applicable, for the series:	
	Non-Vital Records,	
	Emergency - Operating	
	Records, Legal or Financial	
	Rights, Emergency and Rights Records.	
Series.VRReviewDate	Date of next review of vital	
Selies. Vititeview Date	records in series.	
Series.Activity	Level of use for series,	
,	assignment based on	
	SeriesActivity.	
Series.ActivityDate	Date when activity for the	
	series was reviewed and	
0 1 0 1 10	assigned.	
Series.CutoffDate	Date to cutoff records in	
Series.AnnualAccum	series. Estimate of annual	
Series.AllitudiAccuili	accumulation of records in	
	series.	
Series.AccessStartDate	Date when access to series	
	began.	
Series.EndDate	Date when access to series	
	ended.	
Series.DeaccessionDate	Date of deaccession for all	
Carina Nota	records in series.	
Series.Note	Notes about the series.	
SeriesActivity.SeriesActivityID	Database generated,	
Genesactivity. Genesactivity iD	Primary Key	
SeriesActivity.SeriesID	Foreign Key, Series Table.	
SeriesActivity.PeriodStartDate	Date series activity period	
Concortonity.1 ChodolanDate	Date defied delivity period	

	began.	
SeriesActivity.PeriodEndDate	Date series activity period ended.	
SeriesActivity.UniqueUserCnt	Number of unique users of series during period.	
SeriesActivity.TotalUserCnt	Total number of users of series during period.	
SeriesActivity.Note	Notes about series activity for a given period.	
Aggregate.AggregateID	Database generated, Primary Key	1.4 Group Identifier
Aggregate.SeriesID	Foreign Key, Series Table	
Aggregate.Title	Title of Aggregate category assignment. For SEDAC Scientific Data Series mission areas: PLUE, ENTRI, EH, MVA, HVA, AFS, ES, EX, IG.	1.8 Is Part of Group
Aggregate.AccessStartDate	Date access to aggregate began.	
Aggregate.AccessEnDate	Date when access to aggregate ended.	
Aggregate.DeaccessionDate	Date of deaccession for all records in aggregate.	
Provenance.ProvenanceID	Database generated, Primary Key	1.3 Object Identifier
Provenance.AggregateID	Foreign Key, Aggregate Table	
Provenance.Origin	Description of the creation process of the object.	
Provenance.Title	Formal Title that identifies or describes the object.	1.1 Name of Object
Provenance.Version	Identification to differentiate object from other versions.	
Provenance.PreIngest	Description of pre-ingest processing and custody of object.	
Provenance.CreationDate	Date object was completed by Author.	
Provenance.SubmissionDate	Date object was submitted to the archive for ingest.	
Provenance.Citation	Complete citation for object.	
Provenance.DesignatedCommunity	Description of designated community of users, potential users, or audience for the object: Human interactions in the environment community, Decision-maker, Learner, Manager, Scientist, Teacher.	
Provenance ReadDisseminateServes	Level of preservation service or preservation plan requested by submitter or data provider: Preserve Original Formats; Preserve Content in Supported Formats.	
Provenance.ReqdDisseminatnServce	Level of dissemination	

	<u> </u>	1
	service or dissemination	
	plan requested by submitter	
	or data provider: Restricted	
	dissemination. Public	
	Dissemination.	
Provenance.ReasonForCreation	Reason or purpose for	
	creating the described	
	object.	
Provenance.CustodyHistory	Chain of custody of object	
1 Toverlance. Oustody history	prior to ingest into archive.	
Dravenana Dagaan FanDraaan (ation		
Provenance.ReasonForPreservation	Justification for selecting	
	object for preservation in	
	archive.	
Provenance.AcquisitionDate	Date original object was	1.17 Date of Metadata
	acquired by archive.	Record Creation
Provenance.AcquisitionVolume	Volume of original object	
•	acquired by archive.	
Provenance.AcquisitionFileInventory	List of all files in original	1.7 Logical Composition
Trovolianoon toquiotioni nomvolitory	object acquired by archive.	Liv Logical Composition
Provenance.ReceivedDate	Date object received by the	
Flovenance. Neceived Date		
	Archivist.	
Provenance.DeaccessionDate	Date the object was	
	deaccessioned from	
	archive.	
Provenance.AIPVolume	Total Size of the Archival	
	Information Package	
	created by the archive to	
	preserve the Content	
	Information and Associated	
	Material	
Provenance.ContentInformationSize	Size of Content Information	
Flovenance.Contentinionnationsize		
	of the Archival Information	
	Package in Bytes.	
Provenance.AssociatedMaterialSize	Size of material associated	
	with the Content	
	Information of the AIP in	
	Bytes.	
Provenance.Functionality	Description of any	
•	functional characteristics of	
	the object.	
Provenance.AIPFileInventory	List of all filenames and	1.18 Structural Composition
1 TOVOTIGHOOD ATT THE HIVE HOLY	sizes organized by the	1. 10 Giradiara Composition
Daniel Albaniel Albaniel C	directory structure.	
Provenance.AIPDataDictionary	List of each filename in	
	object with title of document	
	or description for each file,	
	including alternate formats.	
Provenance.AIP	All the files within their	
	preservation structure,	
	containing Content	
	Information and Associated	
	Information that has been	
	transformed by the Archive	
	for preservation (location in	
	system if dbms is part of the	
	repository).	
Provenance.AIPCreationDate	Date archive created	1.6 Preservation Master
	Preservation Master for	Creation Date
	Archival Information	
	Package.	
Provenance.ReceivedSIP	All of the files (within their	
L LOVERGULE DELEVELDIE		1

		I
	original structure) received	
	from the provider in the	
	Submission Information	
	Package (SIP) containing	
	the Content Information and	
	all Associated Information	
	for the original object	
	acquired (stored in system	
	if dbms is part of the	
Davis and a Davis and AOID	repository).	
Provenance.PreparedSIP	All of the files (within their	
	preservation structure),	
	containing the Content	
	Information and the	
	Associated Information that	
	have been prepared by the	
	Archive for submission to	
	another Archive or	
	Collection (stored in system	
	if dbms is part of the	
	repository).	
Provenance.VitalRecordIndicator	Vital Record status of	
Frovendrice.vitainecolumuicator		
	object: Non-Vital Record,	
	Emergency - Operating	
	Record, Legal or Financial	
	Rights Record, Emergency	
	and Rights Record.	
Provenance.PermRecordIndicator	Indicator that the record is a	
	Permanent Record: N, Y.	
Provenance.RecordCondition	Condition of record.	1.15 Quirks
Provenance.Description	Description of the	
- 1	intellectual content of the	
	object.	
•	i object.	
Provenance Methodology		
Provenance.Methodology	Instruments and techniques	
-	Instruments and techniques used to create the data.	
Provenance. Wariable	Instruments and techniques used to create the data. Variables, layouts, and	
-	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the	
Provenance.Variable	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data.	
	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data. Political or geographical	
Provenance.Variable	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data. Political or geographical description of spatial	
Provenance.Variable Provenance.SpatialCoverageDesc	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data. Political or geographical description of spatial coverage.	
Provenance.Variable	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data. Political or geographical description of spatial	
Provenance.Variable Provenance.SpatialCoverageDesc	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data. Political or geographical description of spatial coverage.	
Provenance.Variable Provenance.SpatialCoverageDesc Provenance.SpatialCoverageNote	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data. Political or geographical description of spatial coverage. Latitude and longitude covered, if available.	
Provenance.Variable Provenance.SpatialCoverageDesc Provenance.SpatialCoverageNote Provenance.SpatialResolution	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data. Political or geographical description of spatial coverage. Latitude and longitude covered, if available. Spatial Resolution.	
Provenance.Variable Provenance.SpatialCoverageDesc Provenance.SpatialCoverageNote	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data. Political or geographical description of spatial coverage. Latitude and longitude covered, if available. Spatial Resolution. Notes on the spatial	
Provenance.Variable Provenance.SpatialCoverageDesc Provenance.SpatialCoverageNote Provenance.SpatialResolution Provenance.SpatialResolutionNote	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data. Political or geographical description of spatial coverage. Latitude and longitude covered, if available. Spatial Resolution. Notes on the spatial resolution of the object.	
Provenance.Variable Provenance.SpatialCoverageDesc Provenance.SpatialCoverageNote Provenance.SpatialResolution	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data. Political or geographical description of spatial coverage. Latitude and longitude covered, if available. Spatial Resolution. Notes on the spatial resolution of the object. Spatial Reference System	
Provenance.Variable Provenance.SpatialCoverageDesc Provenance.SpatialCoverageNote Provenance.SpatialResolution Provenance.SpatialResolutionNote Provenance.SRS	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data. Political or geographical description of spatial coverage. Latitude and longitude covered, if available. Spatial Resolution. Notes on the spatial resolution of the object. Spatial Reference System used for spatial resolution.	
Provenance.Variable Provenance.SpatialCoverageDesc Provenance.SpatialCoverageNote Provenance.SpatialResolution Provenance.SpatialResolutionNote	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data. Political or geographical description of spatial coverage. Latitude and longitude covered, if available. Spatial Resolution. Notes on the spatial resolution of the object. Spatial Reference System used for spatial resolution. Minimum X Coordinate	
Provenance.Variable Provenance.SpatialCoverageDesc Provenance.SpatialCoverageNote Provenance.SpatialResolution Provenance.SpatialResolutionNote Provenance.SRS	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data. Political or geographical description of spatial coverage. Latitude and longitude covered, if available. Spatial Resolution. Notes on the spatial resolution of the object. Spatial Reference System used for spatial resolution. Minimum X Coordinate (Longitude) for the	
Provenance.Variable Provenance.SpatialCoverageDesc Provenance.SpatialCoverageNote Provenance.SpatialResolution Provenance.SpatialResolutionNote Provenance.SRS Provenance.BBoxMinX	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data. Political or geographical description of spatial coverage. Latitude and longitude covered, if available. Spatial Resolution. Notes on the spatial resolution of the object. Spatial Reference System used for spatial resolution. Minimum X Coordinate (Longitude) for the Bounding Box.	
Provenance.Variable Provenance.SpatialCoverageDesc Provenance.SpatialCoverageNote Provenance.SpatialResolution Provenance.SpatialResolutionNote Provenance.SRS	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data. Political or geographical description of spatial coverage. Latitude and longitude covered, if available. Spatial Resolution. Notes on the spatial resolution of the object. Spatial Reference System used for spatial resolution. Minimum X Coordinate (Longitude) for the Bounding Box. Minimum Y Coordinate	
Provenance.Variable Provenance.SpatialCoverageDesc Provenance.SpatialCoverageNote Provenance.SpatialResolution Provenance.SpatialResolutionNote Provenance.SRS Provenance.BBoxMinX	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data. Political or geographical description of spatial coverage. Latitude and longitude covered, if available. Spatial Resolution. Notes on the spatial resolution of the object. Spatial Reference System used for spatial resolution. Minimum X Coordinate (Longitude) for the Bounding Box. Minimum Y Coordinate (Latitude) for the Bounding	
Provenance.Variable Provenance.SpatialCoverageDesc Provenance.SpatialCoverageNote Provenance.SpatialResolution Provenance.SpatialResolutionNote Provenance.SRS Provenance.BBoxMinX Provenance.BBoxMinY	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data. Political or geographical description of spatial coverage. Latitude and longitude covered, if available. Spatial Resolution. Notes on the spatial resolution of the object. Spatial Reference System used for spatial resolution. Minimum X Coordinate (Longitude) for the Bounding Box. Minimum Y Coordinate (Latitude) for the Bounding Box.	
Provenance.Variable Provenance.SpatialCoverageDesc Provenance.SpatialCoverageNote Provenance.SpatialResolution Provenance.SpatialResolutionNote Provenance.SRS Provenance.BBoxMinX	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data. Political or geographical description of spatial coverage. Latitude and longitude covered, if available. Spatial Resolution. Notes on the spatial resolution of the object. Spatial Reference System used for spatial resolution. Minimum X Coordinate (Longitude) for the Bounding Box. Minimum Y Coordinate (Latitude) for the Bounding	
Provenance.Variable Provenance.SpatialCoverageDesc Provenance.SpatialCoverageNote Provenance.SpatialResolution Provenance.SpatialResolutionNote Provenance.SRS Provenance.BBoxMinX Provenance.BBoxMinY	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data. Political or geographical description of spatial coverage. Latitude and longitude covered, if available. Spatial Resolution. Notes on the spatial resolution of the object. Spatial Reference System used for spatial resolution. Minimum X Coordinate (Longitude) for the Bounding Box. Minimum Y Coordinate (Latitude) for the Bounding Box.	
Provenance.Variable Provenance.SpatialCoverageDesc Provenance.SpatialCoverageNote Provenance.SpatialResolution Provenance.SpatialResolutionNote Provenance.SRS Provenance.BBoxMinX Provenance.BBoxMinY	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data. Political or geographical description of spatial coverage. Latitude and longitude covered, if available. Spatial Resolution. Notes on the spatial resolution of the object. Spatial Reference System used for spatial resolution. Minimum X Coordinate (Longitude) for the Bounding Box. Minimum Y Coordinate (Latitude) for the Bounding Box. Maximum X Coordinate (Longitude) for the	
Provenance.Variable Provenance.SpatialCoverageDesc Provenance.SpatialCoverageNote Provenance.SpatialResolution Provenance.SpatialResolutionNote Provenance.SRS Provenance.BBoxMinX Provenance.BBoxMinY	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data. Political or geographical description of spatial coverage. Latitude and longitude covered, if available. Spatial Resolution. Notes on the spatial resolution of the object. Spatial Reference System used for spatial resolution. Minimum X Coordinate (Longitude) for the Bounding Box. Minimum Y Coordinate (Latitude) for the Bounding Box. Maximum X Coordinate (Longitude) for the Bounding Box.	
Provenance.Variable Provenance.SpatialCoverageDesc Provenance.SpatialCoverageNote Provenance.SpatialResolution Provenance.SpatialResolutionNote Provenance.SRS Provenance.BBoxMinX Provenance.BBoxMinY	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data. Political or geographical description of spatial coverage. Latitude and longitude covered, if available. Spatial Resolution. Notes on the spatial resolution of the object. Spatial Reference System used for spatial resolution. Minimum X Coordinate (Longitude) for the Bounding Box. Minimum Y Coordinate (Latitude) for the Bounding Box. Maximum X Coordinate (Longitude) for the Bounding Box. Maximum X Coordinate (Longitude) for the Bounding Box. Maximum Y Coordinate	
Provenance.Variable Provenance.SpatialCoverageDesc Provenance.SpatialCoverageNote Provenance.SpatialResolution Provenance.SpatialResolutionNote Provenance.SRS Provenance.BBoxMinX Provenance.BBoxMinY	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data. Political or geographical description of spatial coverage. Latitude and longitude covered, if available. Spatial Resolution. Notes on the spatial resolution of the object. Spatial Reference System used for spatial resolution. Minimum X Coordinate (Longitude) for the Bounding Box. Minimum Y Coordinate (Latitude) for the Bounding Box. Maximum X Coordinate (Longitude) for the Bounding Box. Maximum Y Coordinate (Longitude) for the Bounding Box. Maximum Y Coordinate (Longitude) for the Bounding Box.	
Provenance.Variable Provenance.SpatialCoverageDesc Provenance.SpatialCoverageNote Provenance.SpatialResolution Provenance.SpatialResolutionNote Provenance.SRS Provenance.BBoxMinX Provenance.BBoxMinY	Instruments and techniques used to create the data. Variables, layouts, and codes used to describe the data. Political or geographical description of spatial coverage. Latitude and longitude covered, if available. Spatial Resolution. Notes on the spatial resolution of the object. Spatial Reference System used for spatial resolution. Minimum X Coordinate (Longitude) for the Bounding Box. Minimum Y Coordinate (Latitude) for the Bounding Box. Maximum X Coordinate (Longitude) for the Bounding Box. Maximum X Coordinate (Longitude) for the Bounding Box. Maximum Y Coordinate	

	spatial data types, this field	
	should be used to store	
	actual shape of spatial	
	coverage.	
Retention.RetentionID	Database generated,	
	Primary Key	
Retention.ProvenanceID	Foreign Key, Provenance	
	Table, if retention relates to	
D	provenance.	
Retention.SeriesID	Foreign Key, Series Table, if retention relates to series.	
Retention.Instruction	Instructions for retention or	
Treterition.instruction	disposition of record or	
	series: Review every Five	
	Years, Retain Indefinitely,	
	Freeze, Transfer to LTA,	
	Retire, Destroy.	
Retention.InstructionReason	Justification for retention	
	instructions on record or	
D. C. L. (D.)	series.	
Retention.InstrctnDate	Date instructions were	
Retention.InstrctnActDate	decided for record or series. Date instructions are to be	
Retention.instrumActDate	executed for record or	
	series.	
Retention.ScheduleDate	Date record or series will be	
Tratefiliefilieefileadie Bate	reviewed.	
Retention.Authority	Name of individual or group	
·	deciding on instructions for	
	record or series: SEDAC	
	UWG, LTA Board.	
Town availante Town availanteila	Detakasa wayayatad	
TemporalData.TemporalDataID	Database generated, Primary Key	
TemporalData.ProvenanceID	Frillary Rey Foreign Key, Provenance	
remporalbata.r rovenanceib	Table	
TemporalData.TCovPrecision	Precision of data used to	
, , , , , , , , , , , , , , , , , , ,	describe temporal	
	coverage: Year, Month,	
	Day.	
TemporalData.TCovStart	Start date for data	
	collection.	
TemporalData.TCovEnd	End date for data collection.	
TemporalData.TCovProjectionTo	Date of temporal coverage	
TemporalData.TresDescription	projection to a future date. Description of temporal	
า อากษุบาลเบลเล. กายจบยจนกษุแบก	resolution, time intervals	
	between successive	
	observations, frequency of	
	granule production.	
Relationship.FromProvenancID	Foreign Key, Provenance	
	Table, part of Primary Key	
Relationship.ToProvenanceID	Foreign Key, Provenance	
	Table, part of Primary Key	
Relationship.Relation	Part of Primary Key. Type	
	of relationship: Subset,	
	Superset, Derivative, Source, Extract, Version,	
	Release, Edition, Integrates	
	Release, Lullion, Integrates	

	Parts, Compliment.	
Relationship.RelationStartDate	Date relationship began.	
Relationship.RelationEndDate	Date relationship ended.	
Relationship.Note	Note about the relationship.	
Identification.IdentificationID	Database generated,	
	Primary Key	
Identification.ProvenanceID	Foreign Key, Provenance Table	
Identification.IdentifierType	Type of identifier for which	
	the object has been	
	assigned a unique ID:	
	Global Identifier, TDB ID,	
	UMDB Rec #, DOI, ISBN.	
Identification.IdentifierAssigned	Unique Identifier assigned	1.2 Reference Number
	to an object for an identifier	1.5 Persistent Identifier
	type.	
ProvReference.ProvReferenceID	Database generated,	
TOVICE LETTER FOR THE PROPERTY OF THE PROPERTY	Primary Key	
ProvReference.ProvenanceID	Foreign Key, Provenance	
	Table	
ProvReference.RefAuthor	Names of authors of	
	reference work.	
ProvReference.RefAuthorRole	Role of authors of reference	
	work (Eds.)	
ProvReference.RefTitle	Title of reference work.	
ProvReference.MonographAuthor	Author names of	
3 4	monograph containing	
	reference work.	
ProvReference.MonographAuthRole	Role of authors of	
	monograph containing	
	reference work (Eds.)	
ProvReference.MonographTitle	Title of monograph	
	containing reference work.	
ProvReference.JournalTitle	Title of journal containing	
	reference work.	
ProvReference.TranslatedTitle	English translation of title if	
D D (E III	in another language.	
ProvReference.Edition	Edition identifier of	
	monograph containing	
ProvReference.SubsidiaryAuthor	reference work. Names of subsidiary	
i iovitelelelice. Subsidial yAutiloi	authors if author is an	
	institution.	
ProvReference.PublicationPlace	Location where reference	
	work is published.	
ProvReference.Publisher	Name of reference work	
	publisher.	
ProvReference.PublicationDate	Date reference work was	
	published.	
ProvReference.PublicationYear	Year when reference work	
	was published.	
ProvReference.CopyrightDate	Date of copyright for	
	reference work.	
ProvReference.VolumeID	Volume identifier of	
D D (1 12	reference work.	
ProvReference.IssueID	Issue identifier of reference	
Dray Deference Dage	work.	
ProvReference.Page	Range of pages of	
	reference work.	

ProvReference.WorkExtent	Total number of pages of reference work.	
ProvReference.PackagingMethod	Public accessibility of	
	reference work.	
ProvReference.SeriesEditor	Editor of series containing	
	reference work.	
ProvReference.SeriesEditorRole	Role of Editor for series	
	containing reference work.	
ProvReference.SeriesTitle	Title of series containing	
	reference work.	
ProvReference.SeriesVolumeID	Volume identifier for series	
	containing reference work.	
ProvReference.SeriesIssueID	Issue identifier for series	
	containing reference work.	
ProvReference.DocumentType	Type of reference work. Ex:	
	Journal, Book, Proceedings	
ProvReference.URL	URL of text or full reference	
	of reference work.	
ProvReference.Availability	File path or file cabinet if	
	stored, or blank if not	
D D (100):	available.	
ProvReference.ISBN	ISBN number for reference	
David Defense as N. (work.	
ProvReference.Note	Note about reference work.	
ProvReference.RefAbstract	Abstract of reference work.	
ProvReference.CallNumber	Identifier in classification	
	system (LOC, Dewey, or	
	other).	
ProvReference.ReferenceType	Use of object by reference	
7 (0)	work. Ex: Report,	
ProvReference.RefCitation	Complete bibliographic	
	reference for reference	
D D D	work.	
ProvReference.RefCitSource	Citation database or service	
	listing reference and date found.	
Dray Potoronoo Pot Ioo Pight	Right or permission to use	
ProvReference.RefUseRight	reference work, citation, or	
	abstract.	
ProvReference.RefAccessRight	Right/permission to access	
Flovkeletelice.kelaccesskight	or link reference work,	
	citation or abstract.	
ProvReference.DisplayOrder	Order in which reference	
1 Tovice ende. Display Order	work will appear in	
	reference list.	
Property.PropertyID	Database generated,	
	Primary Key	
Property.PropertyParentID	Foreign Key, Property	
	Table	
Property.PropertyName	Name of the property	1.9 Structural Type
	describing an object: Ingest	1
	Status, Ingest Format	
	Processing, Significant	
	Property, DCMI Type,	
	Document Type, Content	
	Type, Subject, Language.	
	For Ingest Status: Under	
	Development by Creator,	
	Being Prepared for	
	Submission, Received by	
· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·

	Anabidat Contest Desis	
	Archivist, Content Review	
	Pending, Content Under	
	Review by Archivist,	
	Content Review Complete,	
	Description Pending,	
	Description Under Review,	
	Description Complete, DOI	
	Assigned, Quality Review	
	Pending, Quality Review	
	Complete, Failed Content	
	Quality Review. Rejected -	
	Data Returned to Creator,	
	Ingested, Destroyed; For	
	Ingest Format Processing:	
	All files Ingested in	
	Supported Formats,	
	Original Non-Supported	
	Formats Only, Original	
	formats and All Files	
	Migrated to Supported	
	Formats; For Significant	
	Properties: Intellectual	
	Content of Text, intellectual	
	content of image; For DCMI	
	Type: Collection, Dataset,	
	Event, Image, Interactive	
	Resource, Moving Image,	
	Physical Object, Service,	
	Software, Sound, Still	
	Image; For Document Type	
	(ISO 19115 Document	
	Type):	
	PresentationFormCode:	
	documentDigital,	
	documentHardcopy,	
	imageDigital,	
	imageHardcopy,	
	mapDigital, mapHardcopy,	
	modelDigital,	
	modelHardcopy,	
	profileDigital,	
	profileHardcopy,	
	tableDigital, tableHardcopy,	
	videoDigital,	
	videoHardcopy; Content	
	Type: Data, Documentation,	
	Permission; Subject	
	thesaurus or controlled	
	vocabulary; Language:	
	English, Spanish.	
Property.PropertyDesc	Description of a property.	
Property.PropertyStatus	Current status of the	
	property: Valid, Not in Use.	
Provenance_Property.ProvenancePropertyID	Database generated,	
	Primary Key	
Provenance_Property.ProvenanceID	Foreign Key, Provenance	
_ , ,	Table	
Provenance_Property.PropertyID	Foreign Key, Property	
_ , , ,	Table	
Provenance_Property.PPStartDate	Date when property began	
Provenance_Property.PPEndDate	Date when property ended.	

	This is a second	T
Provenance_Property.Note	Note about property as it	
	pertains to a particular	
	provenance.	
ProvenanceNoteID	Database generated	
	Database generated, Primary Key	
ProvenanceNote.ProvenanceID	Foreign Key, Provenance Table	4.1 Object Identifier
ProvenanceNote.NoteText	Note about the provenance of an object.	1.19 Comments, 4.4 Field Modified, 4.5 Data Modified
ProvenanceNote.PostedBy	Person who posted the note about the provenance of an object.	4.2 Metadata Record Modifier
ProvenanceNote.PostedOn	Date the note was posted.	4.3 Date and Time
ProvenanceNote.NoteType	Type of provenance note: Accession, Maintenance, Disposition.	
OtherTitle.OtherTitleID	Database generated, Primary Key	
OtherTitle.ProvenanceID	Foreign Key, Provenance Table	
OtherTitle.TitleType	Alternate Title, Former Title	
OtherTitle.Title	Other title of an object.	
OtherTitle.Note	Note about the other title of	
	an object.	
Person.PersonID	Database generated,	
	Primary Key	
Person.ProvenanceID	Foreign Key, Provenance Table	
Person.PersonRole	Role of responsible person: Author, Contributor, Recipient, Internal Contact, Accessioner, Originating Organization Technical Contact, Originating Organization Program Contact, Environment Manager, Security Official.	1.16 Metadata Record Creator
Person.PersonOrder	Order in which person will appear in a Person Role list, if sorted.	
Person.FirstName	First name of person.	
Person.LastName	Last name of person.	
Person.Address1	Line 1 of person address.	
Person.Address2	Line 2 of person address.	
Person City	City of person.	
Person State	State of person.	
Person.Country Person.PostalCode	Country of person. Postal code address for	
i erson. Fusialoude	person.	
Person.Phone	Telephone number for person.	
Person.Fax	Fax number for person.	
Person.Email1	Primary e-mail address for	
	person.	
Person.Email2	Second e-mail address for person.	
Person.Note	Note about person.	
		•

Institution.InstitutionID	Database generated,	
	Primary Key	
Institution.ProvenanceID	Foreign Key, Provenance	
	Table	
Institution.InstitutionRole	Role of institution for object.	
	Originating Organization,	
	Program Support.	
Institution.InstitutionOrder	Order in which the	
	institution will appear on an	
	institution role list If higher	
	priority has been assigned.	
Institution.InstitutionName	Name of institution.	
Institution.Address1	Line 1 of institution address.	
Institution.Address2	Line 2 of institution address.	
Institution.City	City of institution.	
Institution.State	State of institution.	
Institution.Country	Country of institution.	
Institution.PostalCode	Postal code for institution	
	address.	
Institution.Phone	Telephone number for	
	institution.	
Institution.Fax	Fax number for institution.	
Institution.Website	Website URL for institution.	
Institution.Note	Note about institution.	
Document.DocumentID	Database generated,	
	Primary Key	
Document.ProvenanceID	Foreign Key, Provenance	
	Table	
Document.DocumentType	Type of document	1.12 Installation
	describing the object: User	Requirements
	Manual, User Guide,	1.14 Access Facilitators
	Variable List, Codebook,	
	Data Layout, Parameter	
	List, User Notes, File	
	Inventory, Installation	
	Instructions, Splash Page.	
Document.Title	Title of document	
	describing the object.	
Document.ArchivalID	Identifier of the document if	
	recorded as a provenance.	
Document.AccessPoint	URL of access point that	
	disseminates document	
	(http://; ftp://).	
Document.FileName	Filename of the document.	
Document.Scheme	Encoding scheme for the	
	document. MARC, EAD,	
	VRA, DC, NISOIMG, LC-	
	AV, TEIHDR (Text	
	AV, TEIHDR (Text Encoding Initiative Header),	
	AV, TEIHDR (Text Encoding Initiative Header), DDI, FGDC-STD-001-1998,	
	AV, TEIHDR (Text Encoding Initiative Header), DDI, FGDC-STD-001-1998, FGDC CSGDM, DIF, ISO	
	AV, TEIHDR (Text Encoding Initiative Header), DDI, FGDC-STD-001-1998, FGDC CSGDM, DIF, ISO 19115, NY State	
	AV, TEIHDR (Text Encoding Initiative Header), DDI, FGDC-STD-001-1998, FGDC CSGDM, DIF, ISO 19115, NY State Clearinghouse, Metalite,	
	AV, TEIHDR (Text Encoding Initiative Header), DDI, FGDC-STD-001-1998, FGDC CSGDM, DIF, ISO 19115, NY State Clearinghouse, Metalite, IEEE LOM, ESRI,	
Document Language	AV, TEIHDR (Text Encoding Initiative Header), DDI, FGDC-STD-001-1998, FGDC CSGDM, DIF, ISO 19115, NY State Clearinghouse, Metalite, IEEE LOM, ESRI, Unknown.	
Document.Language	AV, TEIHDR (Text Encoding Initiative Header), DDI, FGDC-STD-001-1998, FGDC CSGDM, DIF, ISO 19115, NY State Clearinghouse, Metalite, IEEE LOM, ESRI, Unknown. Language in which the	
Document.Language	AV, TEIHDR (Text Encoding Initiative Header), DDI, FGDC-STD-001-1998, FGDC CSGDM, DIF, ISO 19115, NY State Clearinghouse, Metalite, IEEE LOM, ESRI, Unknown. Language in which the document is written:	
Document.Language Document.AdditionalInfo	AV, TEIHDR (Text Encoding Initiative Header), DDI, FGDC-STD-001-1998, FGDC CSGDM, DIF, ISO 19115, NY State Clearinghouse, Metalite, IEEE LOM, ESRI, Unknown. Language in which the	

Distributor.DistributorID	Database generated,	
	i Dalabase dellerated.	
	Primary Key	
Distributor.DistributorName	Name of the service that	
Diotributor. Diotributor (arrie	distributes a dissemination	
	of an object: CIESIN,	
	Columbia Earth Institute,	
	SEDAC, SEDAC LTA.	
Distributor.Address1	Line 1 of distributor	
Distributor./ Address i	address.	
Distributor.Address2	Line 2 of distributor	
Distributorii tadrossi	address.	
Distributor.City	City of distributor.	
Distributor.State	State of distributor.	
Distributor.PostalCode	Postal Code of distributor.	
Distributor. Country	Country of distributor.	
Distributor.TelePhone	Telephone number of	
Distributor, referriorie	distributor.	
Dietributor Fay	Fax number of distributor.	
Distributor.Fax Distributor.URL	URL of distributor.	
Distributor.URL Distributor.Email		
	Email address of distributor.	
Distributor.Website	Website of distributor.	
Dissemination.DisseminationID	Database generated,	
	Primary Key	
Dissemination.DistributorID	Foreign Key, Distributor	
	Table	
Dissemination.Medium	Primary data storage	
	medium for distributing	
	object from dissemination	
	service: CD-ROM, DVD,	
	URN, URL, FTP.	
Dissemination.PublicAccessPoint	Primary Access Point for	
	distributing object to the	
	public from dissemination	
	service (http://; ftp://).	
Dissemination.InternalLocation	Path and folder name of	
	location from which object	
	is distributed from internal	
	dissemination service.	
Dissemination.DissemSize	Size of object disseminated	
	in Bytes	
Dissemination.StartDate	Date dissemination service	
	began disseminating object.	
Dissemination.EndDate	Date dissemination service	
	discontinued disseminating	
	object.	
Dissemination.DIPDescription	File Inventory of all files	
·	included in the	
	Dissemination Information	
	Package (DIP) submitted to	
	dissemination service for	
	distribution.	
Dissemination.DissemCharge	Amount received from	
	dissemination service for	
	distributing object.	
Dissemination.DissemChargeUnit	Monetary unit of	
	DissemCharge.	
Dissemination.OriginalPublisher	Flag indicating that	
	dissemination is by Original	

	Dublisher N. V
Bi i ii Bi Bi ii	Publisher: N, Y.
Dissemination.PrimaryDistributor	Flag indicating that
	dissemination is by Primary
	Distributor: N. Y.
DissemAltPoint.DissemAltPointID	Database generated,
	Primary Key
DissemAltPoint.DisseminationID	Foreign Key, Dissemination
Dissernati ont. Disserninationid	Table
Diagram Ald Delint Alt Agence Delint	
DissemAltPoint.AltAccessPoint	Alternate access point
	disseminating object
	(http://; ftp://).
DissemAltPoint.StartDate	Date started disseminating
	object at alternate access
	point.
DissemAltPoint.EndDate	Date stopped disseminating
Diodom til omt. Enabato	object at alternate access
	1 -
Diagona Alt Doint Note	point
DissemAltPoint.Note	Note on alternate
	dissemination point.
ProvDissemination.ProvDisseminationID	Database generated,
	Primary Key
ProvDissemination.DisseminationID	Foreign Key, Dissemination
	Table, part of Alternate Key
ProvDissemination.ProvenanceID	Foreign Key, Provenance
FTOVDISSEITIITIALIOH.FTOVEHANCEID	
	Table, part of Alternate Key
ProvDissemination.RootPath	Directory path where object
	is disseminated within
	group.
ProvDissemination.StartDate	Date object began being
	disseminated within group.
ProvDissemination.EndDate	Date object no longer
1 10 V Diocontinution. Enabato	disseminated within group.
ProvDissemination.Note	
Providissemination. Note	Note on object
	dissemination within group.
PDFileList.PDFileListID	Database generated,
	Primary Key
PDFileList.ProvDissemID	Foreign Key,
	ProvDissemination Table
PDFileList.FileName	Name of the file listing files
. D. nobloth nortainto	disseminated in
	dissemination.
DDEilal int CtartD-1-	
PDFileList.StartDate	Date the listed files were
	included in dissemination.
PDFileList.EndDate	Date the listed files were no
	longer in dissemination.
PDFileList.Note	Note about the list of files
	included within
	dissemination.
	S. SSSTIII GALOTII
Catalog.CatalogID	Database generated
Catalog.CatalogiD	Database generated,
	Primary Key.
Catalog.CatalogName	Name of the catalog where
	an object is registered:
	SEDAC, CIESIN, EDGRS,
	ESIP, DLESE, NSDL.
Catalog.URL	URL of the catalog where
January, Or CE	an object is registered.
	i an object is registered.
Catalog.ContactInfo	Contact information for a

	catalog where an object is	
	registered.	
	- Togistorous	
CatalogEntry.CatalogEntryID	Database generated,	
	Primary Key.	
CatalogEntry.DisseminationID	Foreign Key, Dissemination	
	Table.	
CatalogEntry.CatalogID	Foreign Key, Catalog Table.	
CatalogEntry.EntryID	Unique Identifier in the	
Gatalog Entry . Entry 12	catalog for the record	
	describing the object.	
CatalogEntry.Submission	Date description of entry	
Gatalog Emily Gabrilloolori	was submitted to a catalog.	
CatalogEntry.StartDate	Date catalog entry was	
Gatalog Entry Gtart Dato	available.	
CatalogEntry.EndDate	Date catalog entry was no	
Oddalog_mrymdbato	longer available.	
CatalogEntry.EntryStatus	Status of catalog entry:	
GatalogEntry.EntryStatus	None, Partial, Complete,	
	Removed.	
CatalogEntry.EntryDesc	Description of the	
- Calaiogenii Jienii y Dooo	dissemination included in	
	the fields of the entry.	
CatalogEntry.EntryLastUpdate	Date of the last update to	
CatalogEntry.EntryLastopdate	the catalog entry for the	
	object.	
CatalogEntry.Note	Note about the catalog	
CatalogEntry.Note	entry for an object.	
	entry for an object.	
Location.LocationID	Database generated,	
Location.Locationid	Primary Key	
Location.LocType	Type of location. Onsite	
Location.LocType	Offline Archive, Offsite	
	Offline Archive, Onsite	
	Processing, Onsite	
	Network, Onsite Storage	
	Shelves.	
Location.LocName	Name of the Location.	
Location.Locivaine	CIESIN Archival Facility,	
	GISS Computer Room,	
	Geoscience Computer	
	Room, Geoscience Storage	
	Room.	
Location.LocDesc	Description of the archival	
2004.011.2000000	facilities at the location.	
Location.LocAGENT	Name of the individual	
	responsible for the location.	
	respondible for the location.	
LocationParam.LocationParamID	Database generated,	
Location diam.Location diamib	Primary Key	
LocationParam.LocationID	Foreign Key, Location	
Location diamicoodionio	Table	
LocationParam.ParamName	Name of the parameter	
Location diams admitante	measured at the location:	
	Temperature, High	
	Temperature, Low	
	Temperature, Low Temperature, Humidity,	
	High Humidity, Low	
	Humidity, Inventory,	
	Recovery Test.	
LocationParam.ParamValue	Value of the parameter	
Locationi aram.FaramvaiUC	value of the parameter	

	massured at the location	
LocationParam.ParamUnit	measured at the location. Unit of measurement for	
LocationParam.Paramonit		
	recorded value measured at	
	location: Degrees	
	Fahrenheit, Percentage.	
LocationParam.ParamDate	Date and time of	
	measurement.	
LocationParam.ParamNote	Note on instrument or	
	parameter measured.	
Media.MediaID	Database generated,	
	Primary Key	
Media.MediaType	Type of media used: CD-	
	ROM, CD-R, DVD-R,	
	DVD+R, Print.	
Media.MediaBrand	Brand of the media: TDK	
ModalinodiaBrand	700 MB 48x Data CD-R.	
Media.MediaPurchaseDate	Date the media was	
Wedia.Wediai dionasebate	purchased.	
Media.Note	Note about the media.	
IVIGUIA.I VUIC	140te about the media.	
Modic Location Location ID	Dotobooo gor seets d	
Media_Location.LocationID	Database generated,	
M. P. J. C. M. P. ID	Primary Key	
Media_Location.MediaID	Foreign Key, Media Table	
Media_Location.DepositedOn	Date the archival media	
	was deposited at the	
	location.	
Media_Location.RemovedOn	Date the archival media	
	was removed from the	
	location.	
Media_Location.Note	Note about the archival	
_	media housed at a location.	
Event.EventID	Database generated,	
	Primary Key	
Event.MediaID	Foreign Key, Media Table	2.1 Object Identifier
Event.EventStatus	Status of the event:	2.10 Result
Evolutionatad	Complete, Scheduled,	2.10 1100011
	Postponed.	
Event.Designation	Name of the event: Deposit,	2.3 Purpose
Event.Designation	Inventory, Audit, Inspection,	2.3 Pulpose
	Virus Check, Media Write,	
	Quality Check, Format	
	Conversion, Removal,	
	Check Out, Bring Forward,	
	Media Request, Media	
	Destruction.	
Event.Procedure	Procedure completed on	2.9 Steps
	media during an event.	2.7 Hardware Used
		2.8 Software Used
		2.11 Guidelines
Event.Location	Location where the event	
	occurred.	
Event.EventDate	Date and time of event.	2.12 Completion Date and
		Time
Event.Outcome	Description of the event	2.2 Description of Process
	outcome.	Carried Out
Event.Note	Note about the event.	2.13 Comments
Event.ResponsiblePerson	Individual responsible for	2.4 Person or Agency
	the event.	Performing Process
Event.RetrievalRecipient	Individual who received the	
i Eveni. Kemevai Kecipieni		

	media.	
Event.RetrievalRequestor	Individual who requested	
	the media.	
D M F D M F ID		
ProvenanceMedia.ProvenanceMediaID	Database generated, Primary Key	
ProvenanceMedia.ProvenanceID	Foreign Key, Provenance Table	
ProvenanceMedia.MediaID	Foreign Key, Media Table	
ProvenanceMedia.MediaCopy	Instance of object stored on	
	media: Preservation	
	Master, Security Master, Duplication Master, Access	
	Service Copy.	
ProvenanceMedia.RootPath	Path and directory of the	3.3 File Path
	object on the media.	
ProvenanceMedia.WriteDate	Date the object was written on the media.	
ProvenanceMedia.DeleteDate	Date the object was deleted	
	from the media.	
ProvenanceMedia.ValidationProc	Signature type used to	
	generate validation key:	
Dravanana Madia Kay Creation Data	MD5, SHA-1. Date validation key was	
ProvenanceMedia.KeyCreationDate	generated.	
ProvenanceMedia.Result	Hash value, filename, or	
	path and filename of stored	
	validation signature.	
ProvenanceMedia.LastCheckDate	Date validation key	
	generated and compared	
ProvenanceMedia.NextCheckDate	with original. Date scheduled for	
Provenancewedia.NextCheckDate	validation key comparison.	
	validation key companson.	
DataFile.DataFileID	Database generated,	3.2 File Identifier
	Primary Key	
DataFile.ProvenanceMediaID	Foreign Key,	3.1 Object Identifier
DataFile.FileName	ProvenanceMedia Table	3.4 File Name and
Datarile.riieName	Name of the file including its extension.	Extension
DataFile.FileSize	Size of the file in bytes.	3.6 File Size
DataFile.ContentType	Type of content in the file:	3.11 Target Indicator
21	Data, Documentation,	
	Permission, Startup.	
DataFile.MarkupType	Type of markup used to	3.15.2 Markup Language
	encode contents of file: HTML, SGML, XML.	
DataFile.MarkupName	Name of schema and	
Datai lie.iviai.kupivailie	version employed for the	
	MarkupType: TEI DTD,	
	W3C XML.	
DataFile.MarkupSchema	Contents of schema used for the Markup Type.	
DataFile.FileAccessRight	Access rights or limitations	
3	specific to file: Universal	
	Access -unrestricted,	
	Research Use Only,	
	Educational Use Only,	
	Research and Educational Use Only, Non-Commercial	
	Use Only, On-Site Use	
	Joo Ciny, Cir Oile Ooc	ļ

	Only, Signed Confidentiality	
	Agreement Only, Staff Only,	
	Staff Addresses Only,	
	Licensees Only, Domestic	
	IP Addresses Only, No	
	Online Access, No Access	
	Allowed Pending Further	
	Evaluation.	
DataFile.ExpofAccessRight	Date access rights or	
	restrictions specific to file	
	expire.	
DataFile.PreservRestrictn	Preservation rights or	
Datai ile.i Teservivestrictii	limitations for preserving	
	file.	
DeteCile Enemention Info		
DataFile.EncryptionInfo	Description of encryption	
	employed on file.	
DataFile.AccessInhibitors	Inhibitors to access inherent	1.13 Access Inhibitors
	to the file: Password	
	protection, AAA watermark.	
DataFile.FileType	MIME Media Type for file in	3.8 MIME Type
· · · · · · · · · · · · · · · · · · ·	format Content]
	Type/Subtype:	
	application/pdf,	
	audio/mpeg, image/tiff,	
	message/http, model/vrml,	
	multipart/signed, text/html,	
	video/mpeg.	
DataFile.FileVersion	Version of the MIME Media	
	Type.	
DataFile.FileFormat	Software program used to	3.9 File Format
	create the file: Microsoft	3.10 File Format Version
	Word 2000, Microsoft Excel	
	2000.	
DataFile.FormatRegistry	Registry to identify the	
	software program used to	
	create or view the file:	
	Pronom.	
Data File Bagista (Fata)	Entry in the Format Registry	
DataFile.RegistryEntry		
	for the file format.	
DataFile.DateModified	Last date and time when file	3.7 File Date and Time
	was written or modified.	
DataFile.PreservFormat	File format is a preservation	
	format: Y, N.	
DataFile.AltFormat	Alternate or derivative	
	formats that contain	
	contents of file: txt, csv, pdf.	
DataFile.OriginalFileID	Foreign key to	
	DataFile.DataFileID.	
	DataFileID for original file	
	from which the file is a	
Data File Ociois al Fil N	derivative.	0.5.5
DataFile.OriginalFileName	Filename (and extension)	3.5 Former File Name
	for the original source file	
	from which the file	
	described is a derivative.	
DataFile.Creation	Description of the file	
nererement	Description of the file	
	creation, coded to record	
	creation, coded to record	
	creation, coded to record file history: Original file	
	creation, coded to record file history: Original file received, Migrated file,	
DataFile.History	creation, coded to record file history: Original file	

coded string to record file history. O = Original file received. M = Migrated file. A = Archive generated file. MMO = Migrated file from Original file. DataFile.RefreshDate			
received. M = Migrated file. A = Archive generated file. MMO = Migrated file from Original file. Last date and time file was written to any media. DataFile.AccessStantDate Date when access to file may be granted. Date when access to file ends. Date when file was deaccessionDate deaccessioned from archive. Database generated, Primary Key FilePart.FilePartID Database generated, Primary Key FilePart.FilePartType FilePart.FilePartType Type of FilePart. Fable FilePart.FilePartType Type of FilePart. FilePart fable FilePart.FilePartDesc Description of FilePart fable FilePart.FilePartDesc Description of FilePart fable FilePart.FilePartDesc Description of FilePart fable FilePart.FilePartDesc Type of environment file. Environment.DataFileID Foreign Key, DataFile Table Foreign Key, DataFile Table FilePart.FilePartDesc Type of environment file. Environment.EnvironmentType Type of environment software, Display Application, Operating System, Middleware, Hardware Peripherals. Environment.Description Description of implementation on implementation for the implementation on environment. Environment.Decumentation Documentation for the implementation for the implementation on environment. Environment.ExpiryDate Database generated, Primary Key FilePart.FilePartDesc Database generated, Primary Key FilePart.FilePartDesc Database generated, Primary Key FilePart.FilePartDesc FilePart.FilePartDesc FilePart.FilePartDesc Database generated, Primary Key FilePart.FilePartDesc FilePart.FilePartDesc FilePart.FilePartDesc FilePart.FilePartDesc FilePart.FilePartDesc FilePart.FilePartDesc FilePart.FilePartDesc FilePart.FilePartType FilePart.FilePartType FilePart.FilePartType FilePart.FilePartType FilePart.FilePartDesc FilePart.FilePartDesc FilePart.FilePartType FilePart.FilePartType FilePart.FilePartType FilePart.FilePartType FilePart.FilePartType FilePart.FilePart.FilePart		coded string to record file	
A = Archive generated file. MMO = Migrated file from Migrated file from Migrated file from Original file. DataFile.RefreshDate Last date and time file was written to any media. DataFile.AccessStartDate Date when access to file may be granted. Data when access to file ends. DataFile.DeaccessionDate Data when file was deaccessioned from archive. FilePart.FilePartID FilePart.DataFileID FilePart.DataFileID FilePart.TilePartType Type of FilePart.Table, Screenshot, Thumbnail Image, Page Image, Annotation, Mask, Metadata Text. Location or address of FilePart within the file: Unknown. FilePart.FilePartDesc Database generated, Primary Key. FilePart.FilePartDosc Location or address of FilePart within the file: Unknown. FilePart.FilePartDesc Database generated, Primary Key. FilePart.FilePartDesc Database generated, Primary Key. Environment.EnvironmentID Database generated, Primary Key. Environment.DataFileID Foreign Key, DataFile Table Foreign Key, DataFile Table Foreign Key, DataFile Table Foreign Key, DataFile Table Type of environment required for data file: Rendering Software, Display Application, Operating System, Middleware, Hardware CPU, Hardware Peripherals. Environment.Description Description of implementation environment software or hardware required. Environment.Documentation Documentation for data file. Environment.ExpiryDate Database generated, Primary Key AccessRestriction.AccessRestrictionID Patabase generated, Primary Key AccessRestriction.AccessRestrictionID Patabase generated, Primary Key AccessRestriction.AccessRestrictionID Patabase generated, Primary Key AccessRestriction.AccessRestrictionID Poreign Key, Provenance Table AccessRestriction.AccessRestriction Security category or type of		history: O = Original file	
A = Archive generated file. MMO = Migrated file from Migrated file from Migrated file from Original file. DataFile.RefreshDate Last date and time file was written to any media. DataFile.AccessStartDate Date when access to file may be granted. Data when access to file ends. DataFile.DeaccessionDate Data when file was deaccessioned from archive. FilePart.FilePartID FilePart.DataFileID FilePart.DataFileID FilePart.TilePartType Type of FilePart.Table, Screenshot, Thumbnail Image, Page Image, Annotation, Mask, Metadata Text. Location or address of FilePart within the file: Unknown. FilePart.FilePartDesc Database generated, Primary Key. FilePart.FilePartDosc Location or address of FilePart within the file: Unknown. FilePart.FilePartDesc Database generated, Primary Key. FilePart.FilePartDesc Database generated, Primary Key. Environment.EnvironmentID Database generated, Primary Key. Environment.DataFileID Foreign Key, DataFile Table Foreign Key, DataFile Table Foreign Key, DataFile Table Foreign Key, DataFile Table Type of environment required for data file: Rendering Software, Display Application, Operating System, Middleware, Hardware CPU, Hardware Peripherals. Environment.Description Description of implementation environment software or hardware required. Environment.Documentation Documentation for data file. Environment.ExpiryDate Database generated, Primary Key AccessRestriction.AccessRestrictionID Patabase generated, Primary Key AccessRestriction.AccessRestrictionID Patabase generated, Primary Key AccessRestriction.AccessRestrictionID Patabase generated, Primary Key AccessRestriction.AccessRestrictionID Poreign Key, Provenance Table AccessRestriction.AccessRestriction Security category or type of		received. M = Migrated file.	
MMC = Migrated file from Original file. DataFile.RefreshDate Last date and time file was written to any media. DataFile.AccessStartDate DataFile.AccessEndDate DataFile.AccessEndDate Date when access to file may be granted. DataFile.DeaccessionDate Date when file was deaccessioned from archive. FilePart.FilePartID Database generated, Primary Key FilePart.DataFileID Foreign Key, DataFile Table FilePart.FilePartType FilePart.FilePartLoc FilePart.FilePartLoc FilePart.FilePartDesc FilePart.FilePartDesc Description of rilePart differentiated from file. Environment.DataFileID Foreign Key, DataFile Table FilePart.FilePartDesc Description of FilePart required for data file: Rendering Software, Display Application, Operating System, Middleware, Hardware Peripherals. Environment.Description Environment.Description Description of implementation environment software or hardware required. Environment.Documentation Description of data file. Environment.Documentation Description of data file. Environment.Documentation Description of data file. Environment.Documentation Description of peripherals. Environment.Documentation Description of peripherals. Environment.ExpiryDate Database generated, Primary Key Data data file. Documentation of the implementation environment is scheduled to expire or be replaced. AccessRestriction.AccessRestrictionID Patabase generated, Primary Key AccessRestriction.AccessRestrictionID			
Migrated file from Original file			
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AccessRestriction.ProvenanceID Foreign Key, Provenance Table AccessRestriction.AccessRestriction Security category or type of	Environment.Title Environment.Description Environment.Documentation Environment.ExpiryDate	Rendering Software, Display Application, Operating System, Middleware, Hardware CPU, Hardware Peripherals. Title of environment software or hardware required. Description of implementation environment for data file. Documentation for the implementation environment. Date environment is scheduled to expire or be replaced.	
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	Environment.Title Environment.Description Environment.Documentation Environment.ExpiryDate AccessRestriction.AccessRestrictionID	Rendering Software, Display Application, Operating System, Middleware, Hardware CPU, Hardware Peripherals. Title of environment software or hardware required. Description of implementation environment for data file. Documentation for the implementation environment. Date environment is scheduled to expire or be replaced. Database generated, Primary Key Foreign Key, Provenance	
	Environment.Title Environment.Description Environment.Documentation Environment.ExpiryDate AccessRestriction.AccessRestrictionID AccessRestriction.ProvenanceID	Rendering Software, Display Application, Operating System, Middleware, Hardware CPU, Hardware Peripherals. Title of environment software or hardware required. Description of implementation environment for data file. Documentation for the implementation environment. Date environment is scheduled to expire or be replaced. Database generated, Primary Key Foreign Key, Provenance Table	

	- Confidential Data- No Copying, Permission from Project Director Required, Confidentiality Agreement Required - No Copying or Network Access, Project Director only, Universal Access (unrestricted),
	Research Use Only, Educational Use Only, Research and Educational Use Only, Non-Commercial Use Only, On-Site Use
	Only, Signed Confidentiality Agreement Only, CU Personnel Only, CU Addresses Only, Domestic IP Addresses Only, No
AccessRestriction.AccessRestrictionDesc	Online Access. Description of restriction on
AccessRestriction.CurrentDeclaration	access to object. Confidentiality agreement or user agreement on restriction.
AccessRestriction.SecurityNote	Note about the security restriction on object.
AccessRestriction.SecurityReviewDate	Date security restriction is scheduled for review.
AccessRestriction.ARStartDate	Date access restriction on object begins.
AccessRestriction.AREndDate	Date access restriction on object ends.
Decision.DecisionID	Database generated, Primary Key
Decision.DecisionType	Type of Decision: Acquisition, Nomination for Dissemination, Nomination for Deaccession, Nomination for Transfer, Nomination for Accession, Dissemination, Disposition, Transfer, Provisional Use, Beta System Dissemination; Production System Dissemination.
Decision.Decision	Decision about an object for a Decision Type. For Preservation Service: Preserve content, Preserve Original Formats; For SEDAC: Disseminate, Ancillary Product, Transfer to LTA; For SEDAC Acquisition: redistributed 3rd party data, value-added 3rd party data, SEDAC-developed; For LTA: Public Dissemination, Restricted Dissemination; (Others Considered: Under Review, Disseminate, Delete,

	T	
	Remove) The following 7	
	categories are not mutually	
	exclusive: Delete; Retire;	
	Long-Term Archive;	
	Archive, But Not	
	Disseminate, SEDAC	
	Disseminate by Type: -	
	Subsets Only, - Web	
	Download - Internet	
	Mapping; Missing; Add to	
	SDP; Consolidate.	
Decision.MeetingDate	Date when the decision was	2.6 Permission Date
	made.	
Decision.DecisionActiveDate	Date on which the decision	
	is implemented.	
Decision.Authority	Authority deciding the	Element 2.5 Permission
Decision.Admonty		Liement 2.5 r emission
	status of an object within	
	the archive: CIESIN	
	Director, CIESIN Deputy	
	Director, CIESIN Associate	
	Director for IS, SEDAC	
	UWG, SEDAC Project	
	Manager, SEDAC Lead	
	Project Scientist, SEDAC	
	Archives Manager, SEDAC	
	Archivist, LTA Board, LTA	
	Manager, LTA Archivist.	
Decision.Note	Note of Rationale or	
	Justification for making the	
	decision.	
ProvenanceDecision.ProvenanceDecisionID	Database generated.	
ProvenanceDecision.ProvenanceDecisionID	Database generated,	
	Primary Key	
ProvenanceDecision.ProvenanceDecisionID ProvenanceDecision.ProvenanceID	Primary Key Foreign Key, Provenance	
ProvenanceDecision.ProvenanceID	Primary Key Foreign Key, Provenance Table	
	Primary Key Foreign Key, Provenance Table Foreign Key, Decision	
ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID	Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table	
ProvenanceDecision.ProvenanceID	Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in	
ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID	Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in	
ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID	Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table	
ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID	Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific	
ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note	Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance.	
ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID	Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated,	
ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID	Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key	
ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note	Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right	
ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID	Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public	
ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID RightOwner.Entity	Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain.	
ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID	Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain. Person who signed	
ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID RightOwner.Entity	Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain. Person who signed document authorizing a	
ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID RightOwner.Entity	Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain. Person who signed document authorizing a	
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ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID RightOwner.Entity RightOwner.Signator	Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain. Person who signed document authorizing a right for an object. Title of signer authorizing a right for an object. Contact information for signer authorizing a right for	
ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID RightOwner.Entity RightOwner.Signator RightOwner.SignatorTitle RightOwner.SigContactInfo	Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain. Person who signed document authorizing a right for an object. Title of signer authorizing a right for an object. Contact information for signer authorizing a right for an object.	
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ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID RightOwner.Entity RightOwner.Signator RightOwner.SignatorTitle RightOwner.SigContactInfo	Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain. Person who signed document authorizing a right for an object. Title of signer authorizing a right for an object. Contact information for signer authorizing a right for an object. Line 1 of right owner address. Line 2 of right owner	
ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID RightOwner.Entity RightOwner.Signator RightOwner.SignatorTitle RightOwner.SigContactInfo RightOwner.Address1 RightOwner.Address2	Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain. Person who signed document authorizing a right for an object. Title of signer authorizing a right for an object. Contact information for signer authorizing a right for an object. Line 1 of right owner address. Line 2 of right owner address.	
ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID RightOwner.Entity RightOwner.Signator RightOwner.SignatorTitle RightOwner.SigContactInfo RightOwner.Address1 RightOwner.Address2 RightOwner.City	Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain. Person who signed document authorizing a right for an object. Title of signer authorizing a right for an object. Contact information for signer authorizing a right for an object. Line 1 of right owner address. Line 2 of right owner address. City of right owner.	
ProvenanceDecision.ProvenanceID ProvenanceDecision.DecisionID ProvenanceDecision.Note RightOwner.RightOwnerID RightOwner.Entity RightOwner.Signator RightOwner.SignatorTitle RightOwner.SigContactInfo RightOwner.Address1 RightOwner.Address2	Primary Key Foreign Key, Provenance Table Foreign Key, Decision Table Note about the decision in reference to a specific provenance. Database generated, Primary Key Organization that owns right for an object or Public Domain. Person who signed document authorizing a right for an object. Title of signer authorizing a right for an object. Contact information for signer authorizing a right for an object. Line 1 of right owner address. Line 2 of right owner address.	

RightOwner.PostalCode	Postal code for right owner.	
RightOwner.Telephone	Telephone number for right	
ě ,	owner.	
RightOwner.Fax	Fax number for right owner.	
RightOwner.Email	E-mail for right owner.	
RightOwner.Website	URL of right owner website.	
RightOwner.Note	Note about right owner.	
Right.RightID	Database generated, Primary Key	
Right.RightType	Type of right held: copyright, license, public domain, contract, Permission.	
Right.RightName	Distribution Right, Usage Right, Preservation Right, Access Right, Print Right.	
Right.RightDesc	Description of the right and intellectual property restrictions or obligations.	
Right.Note	Note on rights for object.	
RightHeld.RightHeldID	Database generated, Primary Key	
RightHeld.RightOwnerID	Foreign Key, RightOwner Table	
RightHeld.ProvenanceID	Foreign Key, Provenance Table	
RightHeld.RightID	Foreign Key, Right Table	
RightHeld.RightOrigination	Right granted to others or received from owner: Granted, Received.	
RightHeld.CurDeclaration	Content of license, contract, or permission statement.	
RightHeld.RightDocFile	Filename and directory path of the digital (or scanned) document that authorizes rights for an object.	
RightHeld.RightDocLoc	Location of original printed license, contract, or permission document: Onsite Archive, Offsite Archive, Storeroom, Not Printed.	
RightHeld.BeginDate	Date of execution for rights held or date of contract if not specified.	
RightHeld.ExpiryDate	Date of expiration for rights held or null if no expiration date.	
RightHeld.Receiver	Person who signed document (or agreed to conditions) and is authorized to acquire or use object.	
RightHeld.Cost	Cost to acquire object or rights to object.	
RightHeld.CostUnit	Monetary unit for cost to acquire object or rights to object.	
RightHeld.Note	Note on right held for an	

	object.
RightHeld.RightBrief	Brief description of right held and intended usage group or purpose: Use and distribute freely, Use and distribute only within organization, Distribute for research or educational purposes, Third party distribution, Research use only, Educational use only, Non-commercial use only, Staff use only.
RightHeld.Request	Request for rights, including the reason to justify authorization.

Crosswalk:

Data Model for Managing and Preserving Geospatial Electronic Records to Data Dictionary for Preservation Metadata: Final Report of the PREMIS Working Group. (May 2005). Online Computer Library Center (OCLC) and Research Libraries Group (RLG). http://www.oclc.org/research/projects/pmwg/premis-final.pdf

Field	Definition	PREMIS Data Dictionary
Collection.CollectionID	Database generated,	
	Primary Key	
Collection.Title	Title for a Collection:	
	CIESIN Archive, SEDAC	
	Scientific Data Archives,	
	specific project Archive.	
Collection.Description	Description of the collection	
Concourt Decemparen	and keywords.	
Collection.AccessRegmnt	Requirements for accessing	
Concolion, toocoortoquint	the collection: Object	
	Specific Requirements,	
	CMB Approval, Systems	
	Manager Approval.	
Collection.InstallRegmnt	Requirements for	
Collection.instalinequilit	installation of collection	
Collection Sizo Dogmot		
Collection.SizeReqmnt	Storage volume requirement for collection,	
	automatically calculated.	
Collection Appendix hit item		
Collection.AccessInhibitor	Method(s) employed to inhibit access to collection	
	that could affect	
	preservation, such as	
	encryption or watermarking.	
Collection.FindingAid	Method used to facilitate	
	discovery of collection.	
Collection.PresrvPermission	Statement of permission to	
	copy collection or migrate to	
	various formats for	
	preservation.	
Collection.RelationDesc	Description of relationships,	
	relevant for preservation,	
	between collection and	
	other objects or collections.	
Collection.Quirk	Characteristic that could	
	degrade functionality or	
	aspects of the collection.	
Collection.Purpose	Purpose and reason for	
	archiving the collection:	
	Funding Agency	
	Requirement; Scientific	
	Value; Historical value;	
	Fiduciary responsibility.	
Collection.DecisionDate	Date of decision to archive	
	the collection.	
Collection.AccessStartDate	Date access was provided	
	to collection.	
Collection.AccessEndDate	Date when access to	
	collection ended.	
Collection.DeaccessionDate	Date collection is	
22	deaccessioned by archive.	
Collection.Note	Notes about collection.	
	110100 about comodion.	

Series.SeriesID	Database generated, Primary Key	LinkingIntellectualEntityIden tifierValue
Series.CollectionID	Foreign Key, Collection Table	LinkingIntellectualEntityIden tifierType
Series.Title	Title of a record series category within a Collection: CIESIN Administrative Records, CIESIN Records	шетуре
	Common to All Projects, CIESIN Scientific Data, SEDAC Operations	
	Records, SEDAC Active Archive, SEDAC Long- Term Archive.	
Series.SeriesCode	Unique identifier for the record category: SEDAC Active Archive, SEDAC Long-Term Archive, CIESIN	
	Archive, Series 100 CIESIN Records, Series 500 CIESIN Records, Series 600 SEDAC Operations	
	Records, Series 700 SEDAC Active Archive, Series 800 Series Long- Term Archive.	
Series.Description	Description of the series.	
Series.VRIndicator	Category of vital records, if applicable, for the series: Non-Vital Records, Emergency - Operating Records, Legal or Financial Rights, Emergency and Rights Records.	
Series.VRReviewDate	Date of next review of vital records in series.	
Series.Activity	Level of use for series, assignment based on SeriesActivity.	
Series.ActivityDate	Date when activity for the series was reviewed and assigned.	
Series.CutoffDate	Date to cutoff records in series.	
Series.AnnualAccum	Estimate of annual accumulation of records in series.	
Series.AccessStartDate	Date when access to series began.	
Series.EndDate	Date when access to series ended.	
Series.DeaccessionDate	Date of deaccession for all records in series.	
Series.Note	Notes about the series.	
SeriesActivity.SeriesActivityID	Database generated, Primary Key	
SeriesActivity.SeriesID	Foreign Key, Series Table.	
SeriesActivity.PeriodStartDate	Date series activity period began.	
SeriesActivity.PeriodEndDate	Date series activity period	

	ended.	
SeriesActivity.UniqueUserCnt	Number of unique users of	
- Concortouvity. Crinque Coor Crit	series during period.	
SeriesActivity.TotalUserCnt	Total number of users of	
Consol tourney i stances of one	series during period.	
SeriesActivity.Note	Notes about series activity	
	for a given period.	
Aggregate.AggregateID	Database generated,	
33 3 33 3	Primary Key	
Aggregate.SeriesID	Foreign Key, Series Table	
Aggregate.Title	Title of Aggregate category	
	assignment. For SEDAC	
	Scientific Data Series	
	mission areas: PLUE,	
	ENTRI, EH, MVA, HVA,	
	AFS, ES, EX, IG.	
Aggregate.AccessStartDate	Date access to aggregate	
	began.	
Aggregate.AccessEnDate	Date when access to	
	aggregate ended.	
Aggregate.DeaccessionDate	Date of deaccession for all	
	records in aggregate.	
	<u> </u>	
Provenance.ProvenanceID	Database generated,	ObjectCategory
	Primary Key	
Provenance.AggregateID	Foreign Key, Aggregate	
	Table	
Provenance.Origin	Description of the creation	
D T31	process of the object.	
Provenance.Title	Formal Title that identifies	
Dravanana Varsian	or describes the object.	
Provenance.Version	Identification to differentiate	
Provenence Prolegget	object from other versions. Description of pre-ingest	
Provenance.PreIngest	processing and custody of	
	object.	
Provenance.CreationDate	Date object was completed	
Provendnce. Greation Date	by Author.	
Provenance.SubmissionDate	Date object was submitted	
i iovonanos.oubinissionibate	to the archive for ingest.	
Provenance.Citation	Complete citation for object.	
Provenance.DesignatedCommunity	Description of designated	
1 10 Voltanioo. Designated Confindinty	community of users,	
	potential users, or audience	
	for the object: Human	
	interactions in the	
	environment community,	
	Decision-maker, Learner,	
	Manager, Scientist,	
	Teacher.	
Provenance.ReqdPreservationService	Level of preservation	
	service or preservation plan	
	requested by submitter or	
	data provider: Preserve	
	Original Formats; Preserve	
	Content in Supported	
	Formats.	
Provenance.ReqdDisseminatnServce	Level of dissemination	
	service or dissemination	
	plan requested by submitter	

	or data provider: Restricted	T
	dissemination. Public	
	Dissemination.	
Provenance.ReasonForCreation	Reason or purpose for	
	creating the described	
	object.	
Provenance.CustodyHistory	Chain of custody of object	
, ,	prior to ingest into archive.	
Provenance.ReasonForPreservation	Justification for selecting	
	object for preservation in	
	archive.	
Provenance.AcquisitionDate	Date original object was	
	acquired by archive.	
Provenance.AcquisitionVolume	Volume of original object	Size
·	acquired by archive.	
Provenance.AcquisitionFileInventory	List of all files in original	
	object acquired by archive.	
Provenance.ReceivedDate	Date object received by the	
	Archivist.	
Provenance.DeaccessionDate	Date the object was	
	deaccessioned from	
	archive.	
Provenance.AIPVolume	Total Size of the Archival	
	Information Package	
	created by the archive to	
	preserve the Content	
	Information and Associated	
	Material	
Provenance.ContentInformationSize	Size of Content Information	
	of the Archival Information	
	Package in Bytes.	
Provenance.AssociatedMaterialSize	Size of material associated	
	with the Content	
	Information of the AIP in	
	Bytes.	
Provenance.Functionality	Description of any	
	functional characteristics of	
	the object.	
Provenance.AIPFileInventory	List of all filenames and	ObjectCharacteristics
	sizes organized by the	
	directory structure.	
Provenance.AIPDataDictionary	List of each filename in	CompositionLevel
	object with title of document	
	or description for each file,	
- AID	including alternate formats.	
Provenance.AIP	All the files within their	
	preservation structure,	
	containing Content	
	Information and Associated	
	Information that has been	
	transformed by the Archive	
	for preservation (location in	
	system if dbms is part of the	
Dravanana AIDCraatia - Data	repository).	
Provenance.AIPCreationDate	Date archive created	
	Preservation Master for	
	Archival Information	
Dravananaa Daasii is 4010	Package.	
Provenance.ReceivedSIP	All of the files (within their	
	original structure) received	
	from the provider in the	

	Submission Information
	Package (SIP) containing
	the Content Information and
	all Associated Information
	for the original object
	acquired (stored in system
	if dbms is part of the
	repository).
Provenance.PreparedSIP	All of the files (within their
Frovenance.FreparedSiF	preservation structure),
	containing the Content
	Information and the
	Associated Information that
	have been prepared by the
	Archive for submission to
	another Archive or
	Collection (stored in system
	if dbms is part of the
	repository).
Provenance.VitalRecordIndicator	Vital Record status of
	object: Non-Vital Record,
	Emergency - Operating
	Record, Legal or Financial
	Rights Record, Emergency
	and Rights Record.
Provenance.PermRecordIndicator	
Provenance.PermRecordinalcator	Indicator that the record is a
D 10 100	Permanent Record: N, Y.
Provenance.RecordCondition	Condition of record.
Provenance.Description	Description of the
	intellectual content of the
	object.
Provenance.Methodology	Instruments and techniques
	used to create the data.
Provenance.Variable	Variables, layouts, and
	codes used to describe the
	data.
Provenance.SpatialCoverageDesc	Political or geographical
Trovonanociopanarocvorago 2000	description of spatial
	coverage.
Provenance.SpatialCoverageNote	Latitude and longitude
Frovenance.SpatialCoverageNote	
0 (10 1 (covered, if available.
Provenance.SpatialResolution	Spatial Resolution.
Provenance.SpatialResolutionNote	Notes on the spatial
	resolution of the object.
Provenance.SRS	Spatial Reference System
	used for spatial resolution.
Provenance.BBoxMinX	Minimum X Coordinate
	(Longitude) for the
	Bounding Box.
Provenance.BBoxMinY	Minimum Y Coordinate
	(Latitude) for the Bounding
	Box.
Provenance.BBoxMaxX	Maximum X Coordinate
FTUVEHATICE.DDUXIVIAXA	
	(Longitude) for the
	Bounding Box.
Provenance.BBoxMaxY	Maximum Y Coordinate
	(Latitude) for the Bounding
	Box.
Provenance.SpatialCoverage	If database supports native
	spatial data types, this field
	should be used to store
	55

	actual shape of spatial	
	coverage.	
Retention.RetentionID	Database generated, Primary Key	
Retention.ProvenanceID	Foreign Key, Provenance Table, if retention relates to provenance.	
Retention.SeriesID	Foreign Key, Series Table, if retention relates to series.	
Retention.Instruction	Instructions for retention or disposition of record or series: Review every Five Years, Retain Indefinitely, Freeze, Transfer to LTA, Retire, Destroy.	
Retention.InstructionReason	Justification for retention instructions on record or series.	
Retention.InstrctnDate	Date instructions were decided for record or series.	
Retention.InstrctnActDate	Date instructions are to be executed for record or series.	
Retention.ScheduleDate	Date record or series will be reviewed.	
Retention.Authority	Name of individual or group deciding on instructions for record or series: SEDAC UWG, LTA Board.	
TemporalData.TemporalDataID	Database generated, Primary Key	
TemporalData.ProvenanceID	Foreign Key, Provenance Table	
TemporalData.TCovPrecision	Precision of data used to describe temporal coverage: Year, Month, Day.	
TemporalData.TCovStart	Start date for data collection.	
TemporalData.TCovEnd	End date for data collection.	
TemporalData.TCovProjectionTo	Date of temporal coverage projection to a future date.	
TemporalData.TresDescription	Description of temporal resolution, time intervals between successive observations, frequency of granule production.	
Relationship.FromProvenancID	Foreign Key, Provenance Table, part of Primary Key	Relationship RelatedObjectIdentification
Relationship.ToProvenanceID	Foreign Key, Provenance Table, part of Primary Key	RelatedObjectIdentifierValu e
Relationship.Relation	Part of Primary Key. Type of relationship: Subset, Superset, Derivative, Source, Extract, Version, Release, Edition, Integrates Parts, Compliment.	RelationshipType
Relationship.RelationStartDate	Date relationship began.	

Relationship.RelationEndDate	Date relationship ended.	
Relationship.Note	Note about the relationship.	RelationshipSubType
Identification.IdentificationID	Database generated,	
11 (6)	Primary Key	
Identification.ProvenanceID	Foreign Key, Provenance	ObjectIdentifier
Identification IdentificaTune	Table Type of identifier for which	ObjectIdentifierType
Identification.IdentifierType	the object has been	ObjectIdentifierType
	assigned a unique ID:	
	Global Identifier, TDB ID,	
	UMDB Rec #, DOI, ISBN.	
Identification.IdentifierAssigned	Unique Identifier assigned	ObjectIdentifierValue
identification.identifierAssigned	to an object for an identifier	Objectide/itilie/value
	type.	
	typo.	
ProvReference.ProvReferenceID	Database generated,	RelatedObjectIdentification
	Primary Key	Туре
ProvReference.ProvenanceID	Foreign Key, Provenance	
	Table	
ProvReference.RefAuthor	Names of authors of	
	reference work.	
ProvReference.RefAuthorRole	Role of authors of reference	
	work (Eds.)	
ProvReference.RefTitle	Title of reference work.	
ProvReference.MonographAuthor	Author names of	
	monograph containing	
	reference work.	
ProvReference.MonographAuthRole	Role of authors of	
	monograph containing	
	reference work (Eds.)	
ProvReference.MonographTitle	Title of monograph	
	containing reference work.	
ProvReference.JournalTitle	Title of journal containing	
	reference work.	
ProvReference.TranslatedTitle	English translation of title if	
	in another language.	
ProvReference.Edition	Edition identifier of	
	monograph containing	
David Data and a Collegialism Author	reference work.	
ProvReference.SubsidiaryAuthor	Names of subsidiary	
	authors if author is an	
ProvReference.PublicationPlace	institution. Location where reference	
i iovivererence.FubilCationFlace	work is published.	
ProvReference.Publisher	Name of reference work	
. 131. Colorollocal delicitor	publisher.	
ProvReference.PublicationDate	Date reference work was	
	published.	
ProvReference.PublicationYear	Year when reference work	
and the second s	was published.	
ProvReference.CopyrightDate	Date of copyright for	
	reference work.	
ProvReference.VolumeID	Volume identifier of	
	reference work.	
ProvReference.lssueID	Issue identifier of reference	
	work.	
ProvReference.Page	Range of pages of	
-	reference work.	
ProvReference.WorkExtent	Total number of pages of	
	reference work.	

Dray Deference Deals aring Mathead	Dublic cocceibility of	T T
ProvReference.PackagingMethod	Public accessibility of reference work.	
ProvReference.SeriesEditor	Editor of series containing	
	reference work.	
ProvReference.SeriesEditorRole	Role of Editor for series	
	containing reference work.	
ProvReference.SeriesTitle	Title of series containing	
	reference work.	
ProvReference.SeriesVolumeID	Volume identifier for series	
	containing reference work.	
ProvReference.SeriesIssueID	Issue identifier for series	
	containing reference work.	
ProvReference.DocumentType	Type of reference work. Ex:	
	Journal, Book, Proceedings	
ProvReference.URL	URL of text or full reference	
	of reference work.	
ProvReference.Availability	File path or file cabinet if	
	stored, or blank if not	
	available.	
ProvReference.ISBN	ISBN number for reference	
	work.	
ProvReference.Note	Note about reference work.	
ProvReference.RefAbstract	Abstract of reference work.	
ProvReference.CallNumber	Identifier in classification	
	system (LOC, Dewey, or	
	other).	
ProvReference.ReferenceType	Use of object by reference	
• • • • • • • • • • • • • • • • • • • •	work. Ex: Report,	
ProvReference.RefCitation	Complete bibliographic	
	reference for reference	
	work.	
ProvReference.RefCitSource	Citation database or service	
	listing reference and date	
	found.	
ProvReference.RefUseRight	Right or permission to use	
	reference work, citation, or	
	abstract.	
ProvReference.RefAccessRight	Right/permission to access	
	or link reference work,	
	citation or abstract.	
ProvReference.DisplayOrder	Order in which reference	RelatedObjectSequence
	work will appear in	
	reference list.	
Property.PropertyID	Database generated,	
	Primary Key	
Property.PropertyParentID	Foreign Key, Property	
	Table	
Property.PropertyName	Name of the property	
	describing an object: Ingest	
	Status, Ingest Format	
	Processing, Significant	
	Property, DCMI Type,	
	Document Type, Content	
	Type, Subject, Language.	
	For Ingest Status: Under	
	Development by Creator,	
	Being Prepared for	
	Submission, Received by	
	Archivist, Content Review	
	Pending, Content Under	

	T	T
	Review by Archivist,	
	Content Review Complete,	
	Description Pending,	
	Description Under Review,	
	Description Complete, DOI	
	Assigned, Quality Review	
	Pending, Quality Review	
	Complete, Failed Content	
	Quality Review. Rejected -	
	Data Returned to Creator,	
	Ingested, Destroyed; For	
	Ingest Format Processing:	
	All files Ingested in	
	Supported Formats,	
	Original Non-Supported	
	Formats Only, Original	
	formats and All Files	
	Migrated to Supported	
	Formats; For Significant	
	Properties: Intellectual	
	•	
	Content of Text, intellectual	
	content of image; For DCMI	
	Type: Collection, Dataset,	
	Event, Image, Interactive	
	Resource, Moving Image,	
	Physical Object, Service,	
	Software, Sound, Still	
	Image; For Document Type	
	31	
	(ISO 19115 Document	
	Type):	
	PresentationFormCode:	
	documentDigital,	
	documentHardcopy,	
	imageDigital,	
	imageHardcopy,	
	mapDigital, mapHardcopy,	
	modelDigital,	
	modelHardcopy,	
	profileDigital,	
	profileHardcopy,	
	tableDigital, tableHardcopy,	
	videoDigital,	
	videoHardcopy; Content	
	Type: Data, Documentation,	
	Permission; Subject	
	thesaurus or controlled	
	vocabulary; Language:	
Description Description Description	English, Spanish.	Oi and it is a set Day
Property.PropertyDesc	Description of a property.	SignificantProperties
Property.PropertyStatus	Current status of the	
	property: Valid, Not in Use.	<u> </u>
Provenance_Property.ProvenancePropertyID	Database generated,	
	Primary Key	
Provonance Property Provonance D		
Provenance_Property.ProvenanceID	Foreign Key, Provenance	
	Table	
Provenance_Property.PropertyID	Foreign Key, Property	
	Table	
Provenance_Property.PPStartDate	Date when property began	
Provenance_Property.PPEndDate	Date when property ended.	
Provenance_Property.Note	Note about property as it	
	pertains to a particular	

	provenance.	
Description and Nata Description - Al-1-ID	Datahasa marantad	
ProvenanceNoteID	Database generated, Primary Key	
ProvenanceNote.ProvenanceID	Foreign Key, Provenance Table	
ProvenanceNote.NoteText	Note about the provenance of an object.	
ProvenanceNote.PostedBy	Person who posted the note about the provenance of an object.	
ProvenanceNote.PostedOn	Date the note was posted.	
ProvenanceNote.NoteType	Type of provenance note: Accession, Maintenance, Disposition.	
OtherTitle.OtherTitleID	Database generated, Primary Key	
OtherTitle.ProvenanceID	Foreign Key, Provenance Table	
OtherTitle.TitleType	Alternate Title, Former Title	
OtherTitle.Title	Other title of an object.	
OtherTitle.Note	Note about the other title of an object.	
Person.PersonID	Database generated, Primary Key	AgentIdentifierType AgentIdentifierValue LinkingAgentIdentifierType
Person.ProvenanceID	Foreign Key, Provenance	LinkingAgentIdentifierValue
	Table	
Person.PersonRole	Role of responsible person: Author, Contributor, Recipient, Internal Contact, Accessioner, Originating Organization Technical Contact, Originating Organization Program Contact, Environment Manager, Security Official.	LinkingAgentRole MessageDigestOriginator AgentType
Person.PersonOrder	Order in which person will appear in a Person Role list, if sorted.	
Person.FirstName	First name of person.	A manufallani
Person.LastName	Last name of person.	AgentName
Person.Address1 Person.Address2	Line 1 of person address.	
Person.Address2 Person.City	Line 2 of person address. City of person.	
Person.City Person.State	State of person.	
Person.Country	Country of person.	
Person.PostalCode	Postal code address for person.	
Person.Phone	Telephone number for person.	
Person.Fax	Fax number for person.	
Person.Email1	Primary e-mail address for person.	
Person.Email2	Second e-mail address for person.	
Person.Note	Note about person.	

Institution.InstitutionID	Database generated,	
montation.montationib	Primary Key	
Institution.ProvenanceID	Foreign Key, Provenance	
	Table	
Institution.InstitutionRole	Role of institution for object.	
	Originating Organization,	
	Program Support.	
Institution.InstitutionOrder	Order in which the	
	institution will appear on an	
	institution role list If higher	
	priority has been assigned.	
Institution.InstitutionName	Name of institution.	
Institution.Address1	Line 1 of institution address.	
Institution.Address2	Line 2 of institution address.	
Institution.City	City of institution.	
Institution.State	State of institution.	
Institution.Country	Country of institution.	
Institution.PostalCode	Postal code for institution	
	address.	
Institution.Phone	Telephone number for	
	institution.	
Institution.Fax	Fax number for institution.	
Institution.Website	Website URL for institution.	
Institution.Note	Note about institution.	
Document.DocumentID	Database generated,	
	Primary Key	
Document.ProvenanceID	Foreign Key, Provenance	
	Table	
Document.DocumentType	Type of document	
	describing the object: User	
	Manual, User Guide,	
	Variable List, Codebook,	
	Data Layout, Parameter	
	List, User Notes, File	
	Inventory, Installation	
	Instructions, Splash Page.	
Document.Title	Title of document	
	describing the object.	
Document.ArchivalID	Identifier of the document if	
	recorded as a provenance.	
Document.AccessPoint	URL of access point that	
	disseminates document	
D	(http://; ftp://).	
Document.FileName	Filename of the document.	
Document.Scheme	Encoding scheme for the	
	document. MARC, EAD,	
	VRA, DC, NISOIMG, LC-	
	AV, TEIHDR (Text	
	Encoding Initiative Header),	
	DDI, FGDC-STD-001-1998, FGDC CSGDM, DIF, ISO	
	19115, NY State	
	Clearinghouse, Metalite,	
	leeringnouse, Metalite,	
	Unknown.	
Document.Language	Language in which the	
Document.Language	document is written:	
	English, Spanish.	
Document.AdditionalInfo	Additional information about	
	Auditional inionnation about	

	the document.	
Distributor.DistributorID	Database generated,	
	Primary Key	
Distributor.DistributorName	Name of the service that	
	distributes a dissemination	
	of an object: CIESIN,	
	Columbia Earth Institute,	
	SEDAC, SEDAC LTA.	
Distributor.Address1	Line 1 of distributor	
	address.	
Distributor.Address2	Line 2 of distributor	
	address.	
Distributor.City	City of distributor.	
Distributor.State	State of distributor.	
Distributor.PostalCode	Postal Code of distributor.	
Distributor.Country	Country of distributor.	
Distributor.TelePhone	Telephone number of	
	distributor.	
Distributor.Fax	Fax number of distributor.	
Distributor.URL	URL of distributor.	
Distributor.Email	Email address of distributor.	
Distributor.Website	Website of distributor.	
Dissemination.DisseminationID	Database generated,	
	Primary Key	
Dissemination.DistributorID	Foreign Key, Distributor	
	Table	
Dissemination.Medium	Primary data storage	
	medium for distributing	
	object from dissemination	
	service: CD-ROM, DVD,	
	URN, URL, FTP.	
Dissemination.PublicAccessPoint	Primary Access Point for	
	distributing object to the	
	public from dissemination	
	service (http://; ftp://).	
Dissemination.InternalLocation	Path and folder name of	
	location from which object	
	is distributed from internal	
	dissemination service.	
Dissemination.DissemSize	Size of object disseminated	
	in Bytes	
Dissemination.StartDate	Date dissemination service	
	began disseminating object.	
Dissemination.EndDate	Date dissemination service	
	discontinued disseminating	
Di i ii DIDD i ii	object.	
Dissemination.DIPDescription	File Inventory of all files	
	included in the	
	Dissemination Information	
	Package (DIP) submitted to	
	dissemination service for	
Discomination Discome Observe	distribution.	
Dissemination.DissemCharge	Amount received from	
	dissemination service for	
Discomination Discounds 11.11	distributing object.	
Dissemination.DissemChargeUnit	Monetary unit of	
Discouning tion Origin - ID: It II-1	DissemCharge.	
Dissemination.OriginalPublisher	Flag indicating that	
	dissemination is by Original	

	I D I P I NI W	1
	Publisher: N, Y.	
Dissemination.PrimaryDistributor	Flag indicating that	
	dissemination is by Primary	
	Distributor: N. Y.	
DissemAltPoint.DissemAltPointID	Database generated,	
Blocom and omai blocom and omai b	Primary Key	
DissemAltPoint.DisseminationID	Foreign Key, Dissemination	
Dissemalifoliit.Disseminationid		
Di AND I ANA DI A	Table	
DissemAltPoint.AltAccessPoint	Alternate access point	
	disseminating object	
	(http://; ftp://).	
DissemAltPoint.StartDate	Date started disseminating	
	object at alternate access	
	point.	
DissemAltPoint.EndDate	Date stopped disseminating	
	object at alternate access	
	point	
DissemAltPoint.Note	Note on alternate	
DISSENIANT UNITARIONE		
	dissemination point.	
Describing a series of the De Di 1 1 1 1 1 2	Databasas	
ProvDissemination.ProvDisseminationID	Database generated,	
	Primary Key	
ProvDissemination.DisseminationID	Foreign Key, Dissemination	
	Table, part of Alternate Key	
ProvDissemination.ProvenanceID	Foreign Key, Provenance	
	Table, part of Alternate Key	
ProvDissemination.RootPath	Directory path where object	
	is disseminated within	
	group.	
ProvDissemination.StartDate	Date object began being	
1 TOVDISSEMMATION. StartDate		
Davidia and attention FordDate	disseminated within group.	
ProvDissemination.EndDate	Date object no longer	
	disseminated within group.	
ProvDissemination.Note	Note on object	
	dissemination within group.	
PDFileList.PDFileListID	Database generated,	
	Primary Key	
PDFileList.ProvDissemID	Foreign Key,	
	ProvDissemination Table	
PDFileList.FileName	Name of the file listing files	
1 D. Hollotti Hortaino	disseminated in	
	dissemination.	
PDFileList.StartDate	Date the listed files were	
runieยเรเ.อเลเบสเย		
DDE: Live ID	included in dissemination.	
PDFileList.EndDate	Date the listed files were no	
	longer in dissemination.	
PDFileList.Note	Note about the list of files	
	included within	
	dissemination.	
Catalog.CatalogID	Database generated,	
3 3	Primary Key.	
Catalog.CatalogName	Name of the catalog where	
Catalog. Catalog vario	an object is registered:	
	SEDAC, CIESIN, EDGRS,	
Ostala :: UDI	ESIP, DLESE, NSDL.	
Catalog.URL	URL of the catalog where	
	an object is registered.	
Catalog.ContactInfo	Contact information for a	

	catalog where an object is	
	registered.	
CatalogEntry.CatalogEntryID	Database generated, Primary Key.	
CatalogEntry.DisseminationID	Foreign Key, Dissemination Table.	
CatalogEntry.CatalogID	Foreign Key, Catalog Table.	
CatalogEntry.EntryID	Unique Identifier in the	
	catalog for the record	
CatalogEntry Submission	describing the object. Date description of entry	
CatalogEntry.Submission	was submitted to a catalog.	
CatalogEntry.StartDate	Date catalog entry was	
Catalog Entry Ctart Date	available.	
CatalogEntry.EndDate	Date catalog entry was no	
	longer available.	
CatalogEntry.EntryStatus	Status of catalog entry:	
	None, Partial, Complete,	
Catalag Finter Finter Dags	Removed.	
CatalogEntry.EntryDesc	Description of the dissemination included in	
	the fields of the entry.	
CatalogEntry.EntryLastUpdate	Date of the last update to	
	the catalog entry for the	
	object.	
CatalogEntry.Note	Note about the catalog	
	entry for an object.	
Location.LocationID	Database generated,	Storage
200dilom 200dilom 2	Primary Key	Ciorago
Location.LocType	Type of location. Onsite	ContentLocationType
	Offline Archive, Offsite	
	Offline Archive, Onsite	
	Processing, Onsite	
	Network, Onsite Storage Shelves.	
Location.LocName	Name of the Location.	ContentLocationValue
2004.IOII.2001.Iaiii.0	CIESIN Archival Facility,	Comonización valdo
	GISS Computer Room,	
	Geoscience Computer	
	Room, Geoscience Storage	
Lagation LagDage	Room.	Content Location
Location.LocDesc	Description of the archival facilities at the location.	Content Location
Location.LocAGENT	Name of the individual	
	responsible for the location.	
LocationParam.LocationParamID	Database generated,	
Lagation Dayon, Lagation ID	Primary Key	
LocationParam.LocationID	Foreign Key, Location Table	
LocationParam.ParamName	Name of the parameter	
Loodhoin didini didinivanie	measured at the location:	
	Temperature, High	
	Temperature, Low	
	Temperature, Humidity,	
	High Humidity, Low	
	Humidity, Inventory, Recovery Test.	
LocationParam.ParamValue	Value of the parameter	
Locationi alam.i alamvalut	value of the parameter	

	measured at the location.	
LocationParam.ParamUnit	Unit of measurement for	
Locationi aram.i aramonit	recorded value measured at	
	location: Degrees	
	Fahrenheit, Percentage.	
LocationParam.ParamDate	Date and time of	
	measurement.	
LocationParam.ParamNote	Note on instrument or	
	parameter measured.	
		-
Media.MediaID	Database generated,	Storage
	Primary Key	
Media.MediaType	Type of media used: CD-	StorageMedium
	ROM, CD-R, DVD-R,	
	DVD+R, Print.	
Media.MediaBrand	Brand of the media: TDK	
	700 MB 48x Data CD-R.	
Media.MediaPurchaseDate	Date the media was	
	purchased.	
Media.Note	Note about the media.	
Micdia:140tc	Note about the media.	
Media_Location.LocationID	Database generated,	
Media_Location.LocationiD	Primary Key	
Madia Lagation MadialD		
Media_Location.MediaID	Foreign Key, Media Table	
Media_Location.DepositedOn	Date the archival media	
	was deposited at the	
	location.	
Media_Location.RemovedOn	Date the archival media	
	was removed from the	
	location.	
Media_Location.Note	Note about the archival	
	media housed at a location.	
Event.EventID	Database generated,	EventIdentifierValue
	Primary Key	RelatedEventIdentification
		RelatedEventIdentifierValue
		LinkingEventIdentifierValue
Event.MediaID	Foreign Key, Media Table	EventIdentifierType
Event.ivicalarb	Torcigit Rey, Wedia Table	RelatedEventIdentifierType
Event.EventStatus	Status of the event:	LinkingEventIdentifierType
Event. EventStatus		RelatedEventSequence
	Complete, Scheduled,	EventOutcome
	Postponed.	
Event.Designation	Name of the event: Deposit,	EventType
	Inventory, Audit, Inspection,	LinkingEventType
	Virus Check, Media Write,	
	Quality Check, Format	
	Conversion, Removal,	
	Check Out, Bring Forward,	
	Media Request, Media	
	Destruction.	
Event.Procedure	Procedure completed on	EventDetail
	media during an event.	
Event.Location	Location where the event	
L VOIII. LOCATION	occurred.	
Event.EventDate	Date and time of event.	EventDateTime
Event.Outcome	Description of the event	EventOutcomeDetail
	outcome.	
E (N)		ì
Event.Note	Note about the event.	
Event.Note Event.ResponsiblePerson	Individual responsible for the event.	LinkingAgentIdentifier

Event.RetrievalRecipient	Individual who received the media.	
Event.RetrievalRequestor	Individual who requested the media.	
ProvenanceMedia.ProvenanceMediaID	Database generated, Primary Key	LinkingObjectIdentifierType
ProvenanceMedia.ProvenanceID	Foreign Key, Provenance Table	LinkingObjectIdentifierValue
ProvenanceMedia.MediaID	Foreign Key, Media Table	Fixity
ProvenanceMedia.MediaCopy	Instance of object stored on media: Preservation Master, Security Master, Duplication Master, Access Service Copy.	
ProvenanceMedia.RootPath	Path and directory of the object on the media.	
ProvenanceMedia.WriteDate	Date the object was written on the media.	
ProvenanceMedia.DeleteDate	Date the object was deleted from the media.	
ProvenanceMedia.ValidationProc	Signature type used to generate validation key: MD5, SHA-1.	MessageDigestAlgorithm
ProvenanceMedia.KeyCreationDate	Date validation key was generated.	
ProvenanceMedia.Result	Hash value, filename, or path and filename of stored validation signature.	MessageDigest
ProvenanceMedia.LastCheckDate	Date validation key generated and compared with original.	
ProvenanceMedia.NextCheckDate	Date scheduled for validation key comparison.	
DataFile.DataFileID	Database generated, Primary Key	ObjectCategory ObjectIdentifier ObjectIdentifierValue
DataFile.ProvenanceMediaID	Foreign Key, ProvenanceMedia Table	ObjectIdentifierType
DataFile.FileName	Name of the file including its extension.	
DataFile.FileSize	Size of the file in bytes.	Size
DataFile.ContentType	Type of content in the file: Data, Documentation, Permission, Startup.	
DataFile.MarkupType	Type of markup used to encode contents of file: HTML, SGML, XML.	Dependencyldentifier DependencyldentifierType
DataFile.MarkupName	Name of schema and version employed for the MarkupType: TEI DTD, W3C XML.	Dependency DependencyName
DataFile.MarkupSchema	Contents of schema used for the Markup Type.	DependencyldentifierValue
DataFile.FileAccessRight	Access rights or limitations specific to file: Universal Access -unrestricted, Research Use Only, Educational Use Only, Research and Educational	LinkingPermissionStatemen tldentifierValue LinkingPermissionStatemen tldentifierType

	Use Only, Non-Commercial Use Only, On-Site Use Only, Signed Confidentiality Agreement Only, Staff Only, Staff Addresses Only, Licensees Only, Domestic IP Addresses Only, No Online Access, No Access Allowed Pending Further Evaluation.	
DataFile.ExpofAccessRight	Date access rights or restrictions specific to file expire.	
DataFile.PreservRestrictn	Preservation rights or limitations for preserving file.	
DataFile.EncryptionInfo	Description of encryption employed on file.	
DataFile.AccessInhibitors	Inhibitors to access inherent to the file: Password protection, AAA watermark.	Inhibitors InhibitorType
DataFile.FileType	MIME Media Type for file in format Content Type/Subtype: application/pdf, audio/mpeg, image/tiff, message/http, model/vrml, multipart/signed, text/html, video/mpeg.	
DataFile.FileVersion	Version of the MIME Media Type.	
DataFile.FileFormat	Software program used to create the file: Microsoft Word 2000, Microsoft Excel 2000.	Format FormatDesignation FormatName FormatVersion
DataFile.FormatRegistry	Registry to identify the software program used to create or view the file: Pronom.	FormatRegistry FormatRegistryName FormatRegistryRole
DataFile.RegistryEntry	Entry in the Format Registry for the file format.	FormatRegistryKey
DataFile.DateModified	Last date and time when file was written or modified.	DateCreatedbyApplication
DataFile.PreservFormat	File format is a preservation format: Y, N.	PreservationLevel
DataFile.AltFormat	Alternate or derivative formats that contain contents of file: txt, csv, pdf.	
DataFile.OriginalFileID	Foreign key to DataFile.DataFileID. DataFileID for original file from which the file is a derivative.	
DataFile.OriginalFileName	Filename (and extension) for the original source file from which the file described is a derivative.	OriginalName
DataFile.Creation	Description of the file creation, coded to record file history: Original file received, Migrated file,	

	Archive generated file.	
DataFile.History	Description of file history,	
	coded string to record file	
	history: O = Original file	
	received. M = Migrated file.	
	A = Archive generated file.	
	MMO = Migrated file from	
	Migrated file from Original	
	file.	
DataFile.RefreshDate	Last date and time file was	
	written to any media.	
DataFile.AccessStartDate	Date when access to file	
	may be granted.	
DataFile.AccessEndDate	Date when access to file	
	ends.	
DataFile.DeaccessionDate	Date when file was	
	deaccessioned from	
	archive.	
FilePart.FilePartID	Database generated,	ObjectCategory
	Primary Key	ObjectIdentifier
		ObjectIdentifierValue
FilePart.DataFileID	Foreign Key, DataFile Table	ObjectIdentifierType
FilePart.FilePartType	Type of FilePart: Table,	
	Screenshot, Thumbnail	
	Image, Page Image,	
	Annotation, Mask, Metadata	
	Text.	
FilePart.FilePartLoc	Location or address of	
	FilePart within the file:	
	Unknown.	
FilePart.FilePartDesc	Description of FilePart	
	differentiated from file.	
E :	15	
Environment.EnvironmentID	Database generated,	Environment
F :	Primary Key	
Environment.DataFileID	Foreign Key, DataFile Table	0 4
Environment.EnvironmentType	Type of environment	CreatingApplication
	required for data file:	EnvironmentPurpose
	Rendering Software,	Software
	Display Application,	SoftwareType Hardware
	Operating System,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Middleware, Hardware	Hardware Type
	CPU, Hardware Peripherals.	
Environment.Title	Title of environment	CreatingApplicationName
Environment, ride	software or hardware	CreatingApplicationName SoftwareName
	required.	HardwareName
Environment.Description	Description of	CreatingApplicationVersion
LIMIOIIIIeIII.Description	implementation	SwVersion
	environment for data file.	OW V GISION
Environment.Documentation	Documentation for the	EnvironmentCharacteristic
	implementation	EnvironmentNote
	environment.	SwOtherInformation
	CHAILOHINIGHT.	SwDependency
		HwOtherInformation
Environment.ExpiryDate	Date environment is	The anomalous
	scheduled to expire or be	
	replaced.	
	-1	
AccessRestriction.AccessRestrictionID	Database generated,	Inhibitor
		·

	Primary Key	
AccessRestriction.ProvenanceID	Foreign Key, Provenance Table	
AccessRestriction.AccessRestriction	Security category or type of restriction: Onsite Use Only - Confidential Data- No Copying, Permission from Project Director Required, Confidentiality Agreement Required - No Copying or Network Access, Project Director only, Universal Access (unrestricted), Research Use Only, Educational Use Only, Research and Educational Use Only, Non-Commercial Use Only, Non-Commercial Use Only, Signed Confidentiality Agreement Only, CU Personnel Only, CU Addresses Only, Domestic IP Addresses Only, No Online Access.	InhibitorTarget SignatureInformation SignatureInformationEncodi ng
AccessRestriction.AccessRestrictionDesc	Description of restriction on access to object.	InhibitorKey SignatureValue
AccessRestriction.CurrentDeclaration	Confidentiality agreement or user agreement on restriction.	SignatureMethod
AccessRestriction.SecurityNote	Note about the security restriction on object.	Signer SignatureValidationRules SignatureProperties KeyInformation KeyType KeyValue KeyVerificationInformation
AccessRestriction.SecurityReviewDate	Date security restriction is scheduled for review.	,
AccessRestriction.ARStartDate	Date access restriction on object begins.	
AccessRestriction.AREndDate	Date access restriction on object ends.	
Decision.DecisionID	Database generated, Primary Key	
Decision.DecisionType	Type of Decision: Acquisition, Nomination for Dissemination, Nomination for Deaccession, Nomination for Transfer, Nomination for Accession, Dissemination, Disposition, Transfer, Provisional Use, Beta System Dissemination; Production System Dissemination.	
Decision.Decision	Decision about an object for a Decision Type. For Preservation Service: Preserve content, Preserve Original Formats; For	PreservationLevel

	T	-
	SEDAC: Disseminate,	
	Ancillary Product, Transfer to LTA; For SEDAC	
	Acquisition: redistributed	
	3rd party data, value-added	
	3rd party data, SEDAC-	
	developed; For LTA: Public	
	Dissemination, Restricted	
	Dissemination; (Others	
	Considered: Under Review,	
	Disseminate, Delete,	
	Remove) The following 7	
	categories are not mutually	
	exclusive: Delete; Retire;	
	Long-Term Archive; Archive, But Not	
	Disseminate, SEDAC	
	Disseminate by Type: -	
	Subsets Only, - Web	
	Download - Internet	
	Mapping; Missing; Add to	
	SDP; Consolidate.	
Decision.MeetingDate	Date when the decision was	
	made.	
Decision.DecisionActiveDate	Date on which the decision	
	is implemented.	
Decision.Authority	Authority deciding the	
	status of an object within the archive: CIESIN	
	Director, CIESIN Deputy	
	Director, CIESIN Deputy Director, CIESIN Associate	
	Director for IS, SEDAC	
	UWG, SEDAC Project	
	Manager, SEDAC Lead	
	Project Scientist, SEDAC	
	Archives Manager, SEDAC	
	Archivist, LTA Board, LTA	
Decision Nata	Manager, LTA Archivist.	
Decision.Note	Note of Rationale or	
	Justification for making the decision.	
	นธนอเบา.	
ProvenanceDecision.ProvenanceDecisionID	Database generated,	
	Primary Key	
ProvenanceDecision.ProvenanceID	Foreign Key, Provenance	
	Table	
ProvenanceDecision.DecisionID	Foreign Key, Decision	
	Table	
ProvenanceDecision.Note	Note about the decision in	
	reference to a specific	
	provenance.	
RightOwner.RightOwnerID	Database generated	
RightOwner.RightOwneriD	Database generated, Primary Key	
RightOwner.Entity	Organization that owns right	
ragntownor.Entity	for an object or Public	
	Domain.	
RightOwner.Signator	Person who signed	
	document authorizing a	
	right for an object.	
RightOwner.SignatorTitle	Title of signer authorizing a	

	right for an object	
RightOwner.SigContactInfo	right for an object. Contact information for	
RightOwner.SigContactinio		
	signer authorizing a right for	
	an object.	
RightOwner.Address1	Line 1 of right owner	
	address.	
RightOwner.Address2	Line 2 of right owner	
	address.	
RightOwner.City	City of right owner.	
RightOwner.State	State of right owner.	
RightOwner.Country	Country of right owner.	
RightOwner.PostalCode	Postal code for right owner.	
RightOwner.Telephone	Telephone number for right	
raginowner. relephone	owner.	
PightOwner Fey		
RightOwner.Fax	Fax number for right owner.	
RightOwner.Email	E-mail for right owner.	
RightOwner.Website	URL of right owner website.	
RightOwner.Note	Note about right owner.	
Right.RightID	Database generated,	
- -	Primary Key	
Right.RightType	Type of right held:	
997/2-2	copyright, license, public	
	domain, contract,	
	Permission.	
Right.RightName	Distribution Right, Usage	Act
Right.Righthame	Right, Preservation Right,	ACI
D: 1 (D: 1 (D	Access Right, Print Right.	B
Right.RightDesc	Description of the right and	Restriction
	intellectual property	
	restrictions or obligations.	
Right.Note	Note on rights for object.	
RightHeld.RightHeldID	Database generated,	PermissionStatementIdentifi
	Primary Key	erType
		PermissionStatementIdentifi
		erValue
RightHeld.RightOwnerID	Foreign Key, RightOwner	GrantingAgent
3	Table	3 3
RightHeld.ProvenanceID	Foreign Key, Provenance	LinkingObject
ge.a reveaee.2	Table	
RightHeld.RightID	Foreign Key, Right Table	GrantingAgreementIdentific
Nighti leid.NightiD	Totelgit Key, Kigitt Table	ation
RightHeld.RightOrigination	Right granted to others or	4.011
Nighti leid.NightOrigination		
	right received from owner:	
B: 141110 B 1 4	Granted, Received.	
RightHeld.CurDeclaration	Content of license, contract,	GrantingAgreementInformat
	or permission statement.	ion
RightHeld.RightDocFile	Filename and directory path	
	of the digital (or scanned)	
	document that authorizes	
	rights for an object.	
RightHeld.RightDocLoc	Location of original printed	
RightHeld.RightDocLoc		
RightHeld.RightDocLoc	Location of original printed	
RightHeld.RightDocLoc	Location of original printed license, contract, or permission document:	
RightHeld.RightDocLoc	Location of original printed license, contract, or permission document: Onsite Archive, Offsite	
RightHeld.RightDocLoc	Location of original printed license, contract, or permission document: Onsite Archive, Offsite Archive, Storeroom, Not	
	Location of original printed license, contract, or permission document: Onsite Archive, Offsite Archive, Storeroom, Not Printed.	StartDate
RightHeld.RightDocLoc RightHeld.BeginDate	Location of original printed license, contract, or permission document: Onsite Archive, Offsite Archive, Storeroom, Not Printed. Date of execution for rights	StartDate
	Location of original printed license, contract, or permission document: Onsite Archive, Offsite Archive, Storeroom, Not Printed.	StartDate

RightHeld.ExpiryDate	Date of expiration for rights held or null if no expiration date.	EndDate
RightHeld.Receiver	Person who signed document (or agreed to conditions) and is authorized representative to acquire or use object.	
RightHeld.Cost	Cost to acquire object or rights to object.	
RightHeld.CostUnit	Monetary unit for cost to acquire object or rights to object.	
RightHeld.Note	Note on right held for an object.	PermissionNote
RightHeld.RightBrief	Brief description of right held and intended usage group or purpose: Use and distribute freely, Use and distribute only within organization, Distribute for research or educational purposes, Third party distribution, Research use only, Educational use only, Non-commercial use only, Staff use only.	
RightHeld.Request	Request for rights, including the reason to justify authorization.	