

# The Dataverse Project: Managing and Sharing Your Research Data

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Curation*

*The Dataverse Project  
Data Science  
Harvard University*



Sonia Maria Barbosa



# Open Science

## Webinar Series

### Automating workflows and providing academic credit to data curators for F.A.I.R. research data archiving.



August 1, 2024



11am WAT (UTC+1)

12pm CAT

1pm EAT

[Register now](#)



Speaker: **Sonia Barbosa**

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 0000-0003-3452-0306



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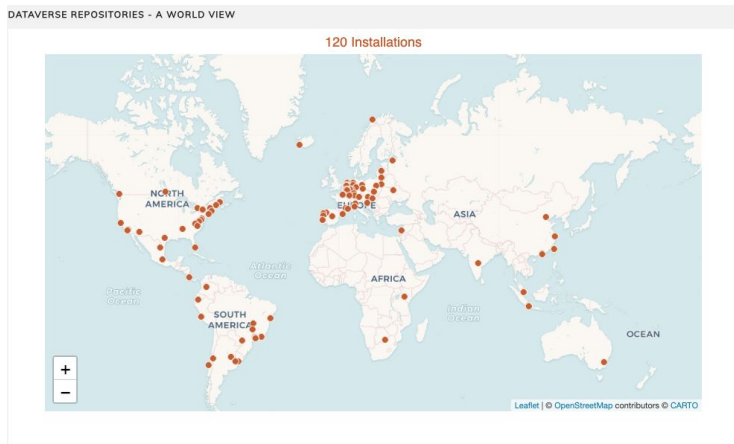
# Agenda

- Introduction and Overview: The Dataverse Project
- Automated Data Workflows in Dataverse
- Dataverse and FAIR
- Features and Highlights

# Introduction: The Dataverse Project

## Dataverse World-wide Community (dataverse.org)

- Open-source [software](#)
- Two bi-weekly [Community calls](#)
- Annual Community meetings ([since 2015](#))
- Global Dataverse Community Consortium ([GDCC](#))



### Open source research data repository software



Researchers

Enjoy full control over your data. Receive *web visibility, academic credit, and increased citation counts*. A personal Dataverse collection is easy to set up, allows you to display your data on your personal website, can be branded uniquely as your research program, makes your data more discoverable to the research community, and satisfies data management plans. Want to set up your personal Dataverse collection?



Journals

Seamlessly manage the submission, review, and publication of data associated with published articles. Establish an *unbreakable link* between articles in your journal and associated data. Participate in the open data movement by using a Dataverse collection as part of your journal data policy or list of repository recommendations. Want to find out more about journal Dataverse collections?



Institutions

Establish a research data management solution for your community. Federate with a growing list of Dataverse repositories worldwide for increased discoverability of your community's data. Participate in the drive to set norms for sharing, preserving, citing, exploring, and analyzing research data. Want to install a Dataverse repository?



Developers

Participate in a vibrant and growing community that is helping to drive the norms for sharing, preserving, citing, exploring, and analyzing research data. Contribute code extensions, documentation, testing, and/or standards. *Integrate research analysis, visualization and exploration tools*, or other research and data archival systems with the Dataverse Project. Want to contribute?

## Self-curated model

- Deposit/publish
- Review post publishing

## Harvested collections

- > Discoverability

## Large data support

- Globus Integration

## Ask the Data (AI)

## Computational Workflow

## Custom Metadata Blocks

## 3D Viewer/Metadata support

## Folder upload

- Direct Upload enabled collections

## Anonymous Peer Review

**HARVARD Dataverse**

Add Data Search About User Guide Support Sign Up Log In

Deposit and share your data. Get academic credit.  
Harvard Dataverse is a repository for research data. Deposit data and code here.

Organize datasets and gather metrics in your own repository.  
A dataverse is a container for all your datasets, files, and metadata.

Publishing your data is easy on Harvard Dataverse!  
Learn about getting started creating your own dataverse repository here.

**Add a dataset +** **Add a dataverse +** **Getting started**

**HARVARD Dataverse**

Find data across research fields, preview metadata, and download data.

Search over 180,300 datasets... **Q**

**Featured** **COVID-19 Data Collection**  
A curated collection of COVID-19 data deposited in the Harvard Dataverse.

Browse by subject

- Agricultural Sciences** 4,938
- Arts and Humanities** 36,820
- Astronomy and Astrophysics** 1,356
- Business and Management** 2,495
- Chemistry** 972
- Computer and Information Sciences** 1,000
- Earth and Environmental Sciences** 10,787
- Engineering** 2,344
- Law** 5,875
- Mathematical Sciences** 1,000

**ALL SUBJECTS >**

Recent datasets

**HARVARD Dataverse**

69,057,912 Downloads

Share, archive, and get credit for your data. Find and cite data across all research fields.

Search this dataverse... **Q** **Advanced Search** **+ Add Data**

**1 to 10 of 186,631 Results** **Sort**

- Life cycle inventories for "Life cycle assessment of Beefy-9 and Beefy-R serum-free culture media for cell-cultivated beef production"**  
Jul 31, 2024 - Cellular Agriculture Sustainability Assessment  
Tichener Blackstone, Nicole, 2024, "Life cycle inventories for "Life cycle assessment of Beefy-9 and Beefy-R serum-free culture media for cell-cultivated beef production"", <https://doi.org/10.7910/DVN/Z2HCJE>, Harvard Dataverse, V1  
Files include life cycle inventories and system processes (exported from Simapro) for production of 1 L Beefy-R and Beefy-9 culture media
- Nutritional Requirements and Dietary Preferences of Domestic Rabbits: A Comprehensive Analysis**  
Jul 31, 2024 - Rachel McAdams Dataverse  
McAdams, Rachel, 2024, "Nutritional Requirements and Dietary Preferences of Domestic Rabbits: A Comprehensive Analysis", <https://doi.org/10.7910/DVN/UNFJH>, Harvard Dataverse, V1  
In-depth research paper that explores the dietary needs and preferences of domestic rabbits. This paper provides a thorough examination of the essential nutrients required for optimal rabbit health, including vitamins, minerals, and fiber. It also delves into the dietary habits a...
- Rachel McAdams Dataverse (National University of Sciences and Technology)**  
Jul 31, 2024  
testing for dataverse
- CES 2022, Team Module of Claremont Graduate University, Occidental College, and University of Massachusetts, Boston (CGU)**  
Jul 31, 2024 - CCES Dataverse  
Algara, Carlos, 2024, "CES 2022, Team Module of Claremont Graduate University, Occidental College, and University of Massachusetts, Boston (CGU)", <https://doi.org/10.7910/DVN/ZVJSL4>, Harvard Dataverse, V1, UNF-8:k1ZeiEaaQb1h7EJZbd/g== [fileUNF]  
This dataverse contains the data and supporting documents for the CES 2022 Team Module of Claremont Graduate University, Occidental College, and University of Massachusetts, Boston. This project was supported by the National Science Foundation, Grant Number SES-2148907.
- CES 2022, Team Module of the University of Miami (MIAM)**  
Jul 31, 2024 - CCES Dataverse  
Kloftstad, Casey, 2024, "CES 2022, Team Module of the University of Miami (MIAM)", <https://doi.org/10.7910/DVN/PQVLUU>, Harvard Dataverse, V1  
This dataverse contains the data and supporting documents for the CES 2022 Team Module of the University of Miami. This project was supported by the National Science Foundation, Grant Number SES-2148907.
- A Study on the Relationship between High-Performance Human Resource Practices and Employee Creativity --Taking R&D technicians as the research object**

# Dataverse

Looking for the numbers behind our science? Browse through our datasets, or search by key terms.



World Agroforestry (ICRAF)

Metrics

77,413 Downloads

Contact Share



Sentinel Landscapes



ICRAF Field Genebanks



ICRAF Soil and Land Health Theme



Africa Rising



Search this dataverse...



Advanced Search

Datasets (57)

Files (3,995)

## Dataverse Category

Research Project (44)

Research Group (8)

Department (2)

Organization or Institution (1)

## Metadata Source

World Agroforestry (ICRAF) (376)

World Agroforestry - Research Data Repository (328)

## Publication Year

2018 (124)

2014 (115)

2015 (104)

2016 (85)

2020 (67)

1 to 10 of 704 Results

Sort

### Spatial Assessments of Changes in Soil Health Indicators in Kenya



Jul 30, 2024 - ICRAF Soil and Land Health Theme

Winowiecki, Leigh Ann; Thiongo Maina, John; Bargués-Tobella, Aida; Otieno Onyango, Jared; Dennis, Ncurai; Kersting, David; Vägen, Tor-Gunnar, 2022, "Spatial Assessments of Changes in Soil Health Indicators in Kenya", <https://doi.org/10.34725/DVN/MR2COM>, World Agroforestry (ICRAF), V2, UNF:6:WDJTSPMvHs5xblnTPWzEA+ = [fileUNF]

The Land Degradation Surveillance Framework (LDSF) (<http://landscapeportal.org/blog/2015/03/25/the-land-degradation-surveillance-framework-ldsf/>) was developed by the World Agroforestry (ICRAF) in response to the need for consistent field methods and indicator frameworks to asses...



### Spatial Assessments of Changes in Soil Health Indicators in Benin



Jul 30, 2024 - ICRAF Soil and Land Health Theme

Winowiecki, Leigh Ann; Arinloye Ademola, Djajala; Adeyemi, Chabi; Takoutsing, Bertin; N'YABA, Ezéchiel T.; Smytzek, Patrick; Vägen, Tor-Gunnar, 2022, "Spatial Assessments of Changes in Soil Health Indicators in Benin", <https://doi.org/10.34725/DVN/CF2DGO>, World Agroforestry (ICRAF), V2, UNF:6:hnrRCQzJqqvI2lpKl0zAFQ+ = [fileUNF]

The Land Degradation Surveillance Framework (LDSF) (<http://landscapeportal.org/blog/2015/03/25/the-land-degradation-surveillance-framework-ldsf/>) was developed by the World Agroforestry (ICRAF) in response to the need for consistent field methods and indicator frameworks to asses...

### Evaluating the restoration of the commons: LDSF field data

Dataset



复旦大学社会科学 Dataverse

Metrics

10,700,806 Views



data

Find

Advanced Search

+ Add Data

Datasets (6)

Files (84)

Research Project (474)

**Dataverse Category**

Research Project (6)

**Publication Date**

2020 (442)

2017 (103)

2019 (14)

2018 (4)

2021 (1)

**Author Name**

University of Groningen (24)

University of California, Davis (23)

美国地质调查局(USGS) (16)

ESS (9)

香港保险业监督局 (4)

More...

**Subject**

社会科学 (35)

经济学和管理学 (31)

地球和环境科学 (18)

1 to 10 of 564 Results

Sort ▾

< Previous

1

2

3

4

5

Next >

2018年ESS欧洲30个国家社会调查数据集



2020-4-27 - European Social Survey Dataverse

ESS, 2020, "2018年ESS欧洲30个国家社会调查数据集", <http://hdl.handle.net/11521/AMA84F>, 复旦大学社会科学 Dataverse, V1 [UNF:6:hxtSkhud7tOHA0cxNP+Vlw=]

2018年ESS欧洲30个国家社会调查数据集包含36015名用户有关前几轮调查中重复的核心主题以及欧洲的公正和公平, 人生的时间安排的观点, 数据集标签数为491个, 时间段为2018年。数据包含一个sav文件和一个pdf文件, 数据量达37.8MB。

Related Publication Citation: Citation of **data** ESS Round 9: European Social Survey Round 9 **Data** (2018). **Data** file edition 1.1

Notes: 数据来源:<https://www.europeansocialsurvey.org/data/round-index.html>

2016ESS欧洲23个国家年社会调查数据集



2020-4-27 - European Social Survey Dataverse

ESS, 2020, "2016ESS欧洲23个国家年社会调查数据集", <http://hdl.handle.net/11521/WYBLO0>, 复旦大学社会科学 Dataverse, V1

2016ESS欧洲23个国家年社会调查数据集包含44387名用户有关前几轮调查中重复的核心主题以及公众对气候变化、能源安全的看法、能源偏好及福利态度, 数据集标签数为534个, 时间段为2016年。数据包含一个sav文件和一个pdf文件, 数据量达47MB。

Related Publication Citation: Citation of **data** ESS Round 8: European Social Survey Round 8 **Data** (2016). **Data** file edition 2.1

Notes: 数据来源:<https://www.europeansocialsurvey.org/data/round-index.html>

2014年ESS欧洲22个国家社会调查数据集



2020-4-27 - European Social Survey Dataverse

ESS, 2020, "2014年ESS欧洲22个国家社会调查数据集", <http://hdl.handle.net/11521/WTRUQH>, 复旦大学社会科学 Dataverse, V1

2014年ESS欧洲22个国家社会调查数据集包含40185名用户有关前几轮调查中重复的核心主题以及健康方面的社会不平等及其决定因素和对移民及其前因的态度。数据集标签数为601个, 时间段为2014年。数据包含一个sav文件和一个pdf文件, 数据量达47.5MB

Related Publication Citation: Citation of **data** ESS Round 7: European Social Survey Round 7 **Data** (2014). **Data** file edition 2.2



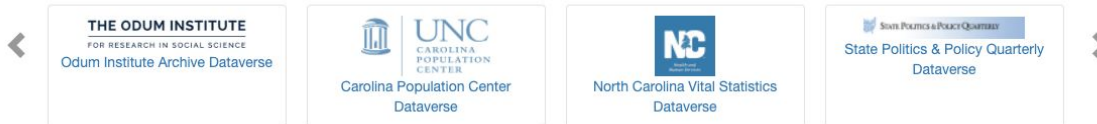
UNC Dataverse Hosted by the Odum Institute for Research in Social Science

 Metrics

958,586 Downloads

[Contact](#) [Share](#)

Share, publish, and archive your data. Find and cite data across all research fields.



Search this dataverse...

 Find

[Advanced Search](#)

[+ Add Data](#)

 **Dataverses (252)**

 **Datasets (25,566)**

 **Files (234,796)**

**Dataverse Category**

- Research Project (97)
- Researcher (35)
- Organization or Institution (23)
- Research Group (15)
- Journal (14)

[More...](#)

**Metadata Source**

- Harvested (20,818)
- UNC Dataverse (5,000)

**Publication Year**

- 2022 (136)
- 2021 (225)

1 to 10 of 25,818 Results

 Sort ▼

**State-Level Data on TANF Policy Changes During the COVID-19 Pandemic** 

Jun 10, 2022 - Emory Dataverse



Dore, Emily; Paul R. Shafer; Melvin D. Livingston, 2022, "State-Level Data on TANF Policy Changes During the COVID-19 Pandemic", <https://doi.org/10.15139/S3/79VWVC>, UNC Dataverse, V1

This dataset captures changes to the Temporary Assistance for Needy Families by state during the COVID-19 pandemic, from March 2020 through December 2020. It accompanies a soon-to-be submitted publication that describes the dataset and data collection processes.

**Replication Data for: The Impact of Course Structure on Students' Political Efficacy and Confidence-in-Knowledge in Introduction to American Government** 

Jun 9, 2022 - Joshua M. Jansa Dataverse



Jansa, Joshua; Ringsmuth, Eve, 2022, "Replication Data for: The Impact of Course Structure on Students' Political Efficacy and Confidence-in-Knowledge in Introduction to American Government", <https://doi.org/10.15139/S3/BVCIOH>, UNC Dataverse, V1

Introduction to American Government is a foundational general education course meant to promote understanding of democracy and students' ability to participate in it. But, there is substantial variation in how the course is structured: it can enroll anywhere from a dozen students...

**Replication Data for: The Abundance and Persistence of Temperate and Tropical Seagrasses at Their Edge-of-Range in the Western Atlantic Ocean** 

## Current Features



### Collections

- Own administration
- Own branding (and can be embedded anywhere)



### Datasets

- Citation
- Metadata
- Versioning
- Private URL
- Custom Terms/Multiple License/Permissions
- Guestbooks
- Publishing Workflows



### Files

- Citation
- Ingest
- Preview/Explore
- Metadata
- Versioning
- Permissions/Embargo/Restrictions

## Log In

Log in or sign up with your institutional account — more information about account creation. Leaving your institution? Please contact Harvard Dataverse Support for assistance.

Your Institution



Harvard University

Please select... Continue

Allow me to type the name of my institution

### Other options

Sign up for a Dataverse account.

### Metadata Fields

Choose the metadata fields to use in dataset templates and when adding a dataset to this dataverse.

- Use metadata fields from Demo Dataverse
- Citation Metadata (Required) [+1] View fields
- Geospatial Metadata [+1] View fields
- Social Science and Humanities Metadata [+1] View fields
- Astronomy and Astrophysics Metadata [+1] View fields
- Life Sciences Metadata [+1] View fields
- Journal Metadata [+1] View fields
- MPA Metadata [+1] View fields
- Graduate School of Design Metadata [+1] View fields
- Alliance for Research on Corporate Sustainability Metadata [+1] View fields
- Political Science Replication Initiative Metadata [+1] View fields
- PSI Metadata [+1] View fields
- CHA Metadata [+1] View fields
- Digital Metadata [+1] View fields
- Computational Workflow Metadata [+1] View fields

### Browse/Search Facets

Choose the metadata fields to use as facets for browsing datasets and dataverses in this dataverse.

Use browse/search facets from Demo Dataverse

All Metadata Fields	Selected
Topic Classification Term	Author Name
Language	Author Affiliation
Producer Name	Subject
Production Date	Keyword Term
Production Location	Deposit Date
Contributor Type	
Contributor Name	
Funding Information Agency	

**Brain Genomics Superstruct Project (GSP) Dataverse (Harvard University)**  
GSP

- General Information
- Theme + Widgets
- Permissions
- Groups
- Dataset Templates
- Dataset Guestbooks
- Featured Dataverses

## Current Features



### Collections

- Own administration
- Own branding (and can be embedded anywhere)

### Datasets

- Citation
- Metadata
- Versioning
- Private URL
- Custom Terms/Multiple License/Permissions
- Guestbooks
- Publishing Workflows



### Files

- Citation
- Ingest
- Preview/Explore
- Metadata
- Versioning
- Permissions/Embargo/Restrictions



Harvard Dataverse  
Brain Genomics Superstruct Project (GSP) Dataset

Brain Genomics Superstruct Project (GSP) Dataset (Harvard University)

Harvard Dataverse > Brain Genomics Superstruct Project (GSP) Dataset >

### Brain Genomics Superstruct Project (GSP)

Version 1.0.3

Buckner, Randy L; Roffman, Joshua L; Smoller, Jordan W., 2014, "Brain Genomics Superstruct Project (GSP)", <https://doi.org/10.7910/DVN/25833>, Harvard Dataverse, V10

Cite Dataset > Learn about Data Citation Standards.

Access Dataset > Contact Owner > Share

Dataset Metrics  
13,076 Downloads

Description > Large scale imaging data sets are necessary to address complex questions regarding the relationship between brain and behavior. The Brain Genomics Superstruct Project Open Access Data Release expresses a carefully vetted collection of neuroimaging, behavior, cognitive, and personality data for over 1,500 human participants. Each neuroimaging data set includes one high-resolution Magnetic Resonance Imaging (MRI) acquisition and one or more resting-state functional MRI acquisitions. Each functional acquisition is accompanied by a fully-automated quality assessment and pre-computed brain morphometrics are also provided.

Subject > Other

License/Data Use Agreement > Custom Dataset Terms

Dataset Metrics ?

13,076 Downloads ?

#### Supported Metadata

Detailed below are what metadata schemas we support for Citations

- Citation Metadata (see .tsv version): compliant with DDI Lite Terms. Language field uses ISO 639-1 controlled vocabulary
- Geospatial Metadata (see .tsv version): compliant with DDI field uses ISO 3166-1 controlled vocabulary.
- Social Science & Humanities Metadata (see .tsv version): compliant with DDI field uses ISO 3166-1 controlled vocabulary.
- Astronomy and Astrophysics Metadata (see .tsv version): compliant with Virtual Observatory Alliance's (VOA) VOResource Schema Provenance Metadata.
- Life Sciences Metadata (see .tsv version): based on ISA-Taxonomy and the NCBI Ontology and the NCBI Taxonomy for Organisms.
- Journal Metadata (see .tsv version): based on the Journal Metadata Schema

Access Dataset >

Publish Dataset >

Edit Dataset >

Contact >

Dataset Metrics >

0 Downloads

- Files (Upload)
- Metadata
- Terms
- Permissions
- Private URL
- Thumbnails + Widgets
- Configure Options ⚙
- TurboCurator by ICPSR
- Delete Dataset

Subject > Other

License/Data Use Agreement > Custom Dataset Terms

Files Metadata Terms Versions

Search this dataset...

File Type: All > Access: All > File Tag: All >

1 to 10 of 10 Files

File Name	Download	Request Access
GSP_Checklist_Terms_140422.pdf	Download	Request Access
GSP_part10_140500.zip	Download	Request Access
GSP_part11_140500.zip	Download	Request Access
GSP_part12_140500.zip	Download	Request Access
GSP_part13_140500.zip	Download	Request Access
GSP_part14_140500.zip	Download	Request Access
GSP_part15_140500.zip	Download	Request Access
GSP_part16_140500.zip	Download	Request Access
GSP_part17_140500.zip	Download	Request Access
GSP_part18_140500.zip	Download	Request Access
GSP_part19_140500.zip	Download	Request Access

Cite Dataset > Learn about Data Citation Standards.

Author \* >

Name \* > Barbosa, Sonia

Affiliation > Harvard University

Identifier Scheme > ORCID

Identifier >

Contact \* >

Name \* >

Affiliation > Harvard University

Identifier Scheme >

Identifier >

ResearcherID

ScopusID

Buckner, Randy L.; Roffman, Joshua L.; Smoller, Jordan W., 2014, "Brain Genomics Superstruct Project (GSP)", <https://doi.org/10.7910/DVN/25833>, Harvard Dataverse, V10

Cite Dataset > Learn about Data Citation Standards.

## Current Features



### Collections

- Own administration
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### Datasets

- Citation
- Metadata
- Versioning
- Private URL/\*Anonymous Peer Review
- Custom Terms/\*Multiple Licenses/Permissions
- Guestbooks
- Publishing Workflows



### Files

- Citation
- Ingest
- Preview/Explore
- Metadata/Provenance
- Versioning
- Permissions/Embargo/Restrictions

The screenshot displays the Harvard Dataverse interface with several key features highlighted:

- File Search within Datasets:** A search bar is shown within a dataset's file list, allowing users to filter files by filename and description.
- File Actions:** A context menu for a selected file includes options such as "Edit Files", "Metadata", "Restrict", "Unrestrict", "Tags", "Embargo", and "Delete".
- File Metadata:** A detailed view of a file shows its metadata, including file type, size, and access level.
- Dataset Metadata:** A view of a dataset's metadata, including its title, description, and citation information.
- File List:** A table listing files within a dataset, with columns for file name, size, and access level.

## Current Features



### Collections

- Own administration
- Own branding (and can be embedded anywhere)



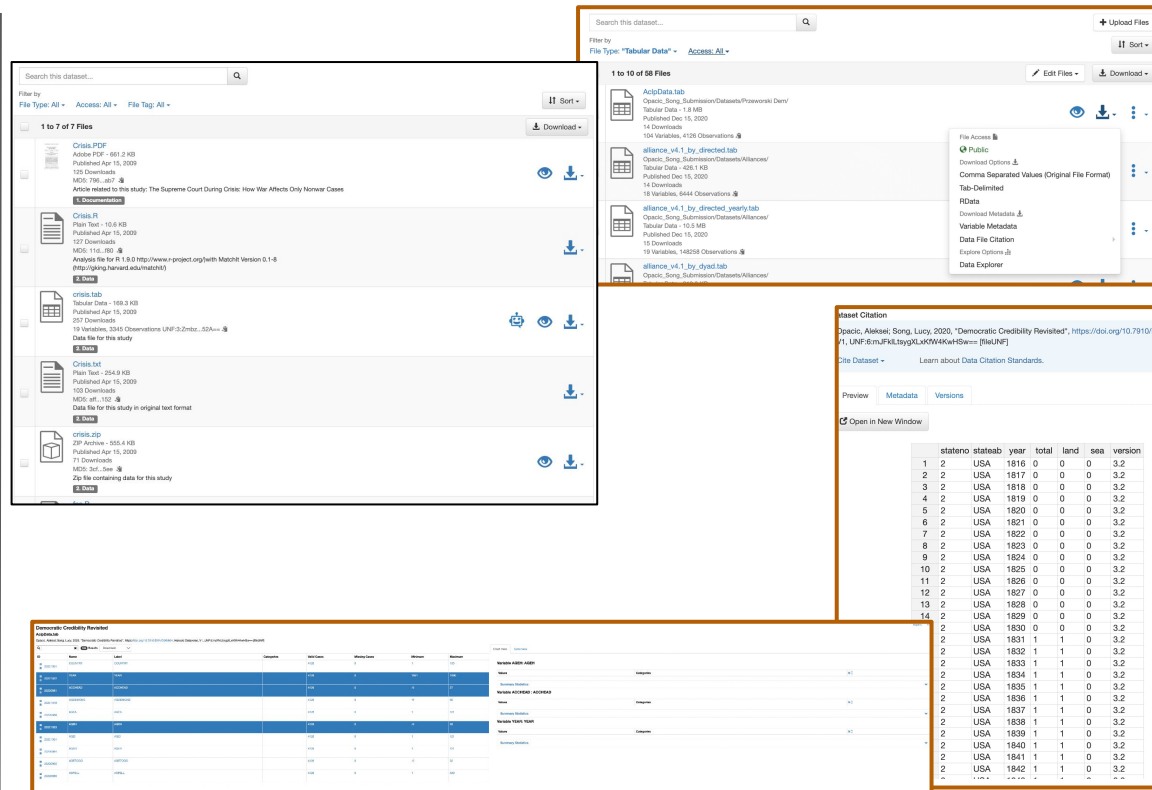
### Datasets

- Citation
- Metadata
- Versioning
- Private URL/\*Anonymous Peer Review
- Custom Terms/\*Multiple Licenses/Permissions
- Guestbooks
- Publishing Workflows



### Files

- Open format files allow visualization and analysis of data files without additional user permission



The image displays three screenshots of the Harvard Dataverse interface:

- Top Left:** A search results page for a dataset titled "Crisis". It lists seven files: "Crisis.PDF", "Crisis.R", "Crisis.tab", "Crisis.txt", and "Crisis.zip". Each file entry includes its size, publication date, download count, and a brief description.
- Top Right:** A search results page for a dataset titled "Acq/Data.tab". It lists ten files, including "Acq/Data.tab", "atlance\_v4.1\_by\_directed.tab", and "atlance\_v4.1\_by\_directed\_yearly.tab". A dropdown menu is open, showing options like "Public", "Download Options", "Tab-Defined", "RData", "Download Metadata", "Variable Metadata", "Data File Citation", "Export Dataset", and "Data Explorer".
- Bottom:** A data preview window for the "Demographic Credibility Revised" dataset. It shows a table with columns: "staterno", "stateab", "year", "total", "land", "sea", and "version". The table contains 14 rows of data.

## Current Features



### Collections

- Own administration
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### Datasets

- Citation
- Metadata
- Versioning
- Private URL/\*Anonymous Peer Review
- Custom Terms/\*Multiple Licenses/Permissions
- Guestbooks
- Publishing Workflows



### Files

- Ask The Data - LLM



File Tools - Open in New Window

What is this data about?

Answer please

The data in the dataframe appears to contain various columns with different values. Here is a brief description of some of the columns based on the column names: - US: Possibly related to the United States (US). - LED: Not clear from the column name. - DIR: Direction or some form of indicator. - WAR2, WARCRI, WARCASE: Possibly related to war or conflict. - SCMEDIAN, LCTDIR, ANALU: Unclear without more context. - VALUE: A numerical value. - TERM: Possibly related to a term or period. - NYT: Possibly related to The New York Times (NYT). - RALLY2, CRISIS, SGWIN, USWIN: Possibly related to events or outcomes. - BEF75: Possibly a binary indicator before 1975. - SCM, SCM2: Unclear without more context. Without additional information or context, it is challenging to provide a precise interpretation of the data.

US	LED	DIR	WAR2	WARCRI	WARCASE	SCMEDIAN	LCTDIR	ANALU	VALUE	TERM	NYT	RALLY2	CRISIS	SGWIN	USWIN	BEF75	SCM
3140160	1	0	1	0	0.605	0	0	2	1941	0	0	0				1	1.105
3140219	0	0	1	0	0.605	0	0	1	1941	0	0	0				1	1.105
3140252	1	0	1	0	0.605	0	0	3	1941	0	0	0				1	1.105
3140306	1	0	1	0	0.605	0	0	1	1941	0	0	0		0	1	1.105	
3140339	0	0	1	0	0.605	0	0	2	1941	0	0	0		0	1	1.105	
3140513	0	0	1	0	0.605	1	0	1	1941	0	1	0		1	1	1.105	
3150025	1	1	1	0	0.605	0	0	2	1941	0	1	0			1	1.105	



## Current Features



**Installations**



**Collections**



**Datasets**



**Files**

## NIH OTA Adds...



### Datasets

- New Workflows for **Large Data Support** ([Globus](#), [demo](#))
- **Remote** Data Support ([TRSA](#))
- Flexible **Biomedical Metadata** Support through External Vocabularies and Data Dictionaries (UMLS, MeSH)
- Investigate CEDAR integration



### Files

- Additional Metadata for **Code files** ([Codemeta](#))
- Support for **Replication Packages** through Workflows and Containers
- **Sensitive Data Support** through Differential Privacy ([OpenDP](#), [DataTags](#), [PSIprivacy](#))
- Encryption

- Usage Metrics
- UX/UI Enhancements
- New APIs
- Interoperability
- Metadata Harvesting
- Curation Services
- [Training and Outreach](#)

# Automated Data Workflows in Dataverse

## Edit Access

### Who can add to this dataverse?

- Anyone adding to this dataverse needs to be given access
- Anyone with a Dataverse account can add sub dataverses
- Anyone with a Dataverse account can add datasets
- Anyone with a Dataverse account can add sub dataverses and datasets

### When a user adds a new dataset to this dataverse, which role should be automatically assigned to them on that dataset?

- Contributor - Edit metadata, upload files, and edit files, edit Terms, Guestbook, Submit datasets for review
- Curator - Edit metadata, upload files, and edit files, edit Terms, Guestbook, File Restrictions (Files Access + Use), Edit Permissions/Assign Roles + Publish

Save Changes

Cancel

Submit for review

What can depositors do?

Open publishing workflow

Repository and Collection level

Roles <sup>^</sup> All the roles set up in your dataverse, that you can assign to users and groups.

[+ Add New Role](#)

**Admin** - A person who has all permissions for dataverses, datasets, and files, including approving requests for restricted data.

[AddDataverse](#) [AddDataset](#) [ViewUnpublishedDataverse](#) [ViewUnpublishedDataset](#) [DownloadFile](#) [EditDataverse](#) [EditDataset](#) [ManageDataversePermissions](#) [ManageDatasetPermissions](#) [ManageFilePermissions](#) [PublishDataverse](#) [PublishDataset](#) [DeleteDataverse](#) [DeleteDatasetDraft](#)

**Contributor** - For datasets, a person who can edit License + Terms, and then submit them for review.

[ViewUnpublishedDataset](#) [DownloadFile](#) [EditDataset](#) [DeleteDatasetDraft](#)

**Curator** - For datasets, a person who can edit License + Terms, edit Permissions, and publish datasets.

[AddDataverse](#) [AddDataset](#) [ViewUnpublishedDataverse](#) [ViewUnpublishedDataset](#) [DownloadFile](#) [EditDataset](#) [ManageDatasetPermissions](#) [ManageFilePermissions](#) [PublishDataset](#) [DeleteDatasetDraft](#)

**Dataset Creator** - A person who can add datasets within a dataverse.

[AddDataset](#)

**Dataverse + Dataset Creator** - A person who can add subdataverses and datasets within a dataverse.

[AddDataverse](#) [AddDataset](#)

**Dataverse Creator** - A person who can add subdataverses within a dataverse.

[AddDataverse](#)

**File Downloader** - A person who can download a published file.

[DownloadFile](#)

**Member** - A person who can view both unpublished dataverses and datasets.

[ViewUnpublishedDataverse](#) [ViewUnpublishedDataset](#) [DownloadFile](#)

# Collection Level Workflows

# Replication Data for

[Draft](#) [In Review](#) [Unpublished](#)



The screenshot shows the top of the APSA Dataverse page. It features the APSA logo and the title 'American Political Science Review Dataverse'. Below the title, there is a search bar and navigation links for 'Contact' and 'Share'. A paragraph of text describes the journal's history and scope. At the bottom, there is a search bar and a 'More...' link.

The screenshot shows the DeCoDE Dataverse page. It features the DeCoDE logo and the title 'DeCoDE Lab's website'. Below the title, there is a search bar and navigation links for 'Contact' and 'Share'. A list of search results is displayed, including 'Wake Vision' and 'Centrifugal Compressors [Metadata]'. Each result includes a brief description and a 'Sort' button.

The screenshot shows the Harvard Edge Computing Lab Dataverse page. It features the Harvard logo and the title 'Edge Computing Lab (Harvard University)'. Below the title, there is a search bar and navigation links for 'Contact' and 'Share'. A list of search results is displayed, including 'Wake Vision'. Each result includes a brief description and a 'Sort' button.

self-publishing

Files Metadata Terms Versions

Search this dataset...

Filter by  
File Type: All Access: All File Tag: All

Sort

1 to 10 of 15 Files

Download Request Access

GSP\_DataUse\_Terms\_140422.pdf  
Adobe PDF - 282.7 KB  
Published Aug 24, 2014  
1,625 Downloads  
MDS: e64...059  
Data use terms  
Documentation

GSP\_list\_140630.csv  
Plain Text - 636.4 KB  
Published Aug 24, 2014  
897 Downloads  
MDS: 27e...4a8  
Demographic, cognitive/behavior, quality control, and morphometrics data.  
Documentation

GSP\_part10\_140630.tar  
TAR Archive - 10.0 GB  
Published May 21, 2014  
1,219 Downloads  
MDS: 302...48e  
Tar archive of imaging data for subjects 1414-1570; refer to GSP\_README\_140630.pdf for more information.

GSP\_part1\_140630.tar  
TAR Archive - 10.1 GB  
Published May 21, 2014

**Restricted files**

**Request  
Access  
workflow**

Dataset and File Level  
Workflows

**Additional Terms  
of Use**

Files Metadata Terms Versions

Dataset Terms

**License/Data Use Agreement**

Our [Community Norms](#) as well as good scientific practices expect that proper credit is given via citation. Please use the data citation shown on the dataset page.

Custom Dataset Terms — the following Custom Dataset Terms have been defined for this dataset.

**Terms of Use**

**These restrictive terms of use take precedence over any less restrictive use terms that apply generally to Dataverse Network Terms of Use**

I request access to data collected as part of the Brain Genomics Superstruct Project (GSP) of Harvard University and the Massachusetts General Hospital, and I agree to the following:

1. I will not attempt to establish the identity of or attempt to contact any of the included human subjects.
2. I will not attempt to link any of the distributed data to any other data that might contain information about the included human subjects.
3. I understand that under no circumstances will the code that would link these data to Protected Health Information be given to me, nor will any additional information about individual human subjects be released to me under these Open Access Data Use Terms.
4. I will comply with all relevant rules and regulations imposed by my institution. This may mean that I need my research to be approved or declared exempt by a committee that oversees research on human subjects e.g., my Inter nal Review Board or Ethics Committee. Different committees operate under different national, state, and local laws and may interpret regulations differently, so it is important to ask about this.
5. I may redistribute original GSP Open Access data and any derived data as long as the data are redistributed under these same Data Use Terms.
6. I will acknowledge the use of GSP data and data derived from GSP data when publicly presenting any results or algorithms that benefitted from their use.
  - a. Papers, book chapters, books, posters, oral presentations, and all other printed and digital presentations of results derived from GSP data should contain the following wording in the acknowledgments section: "Data were provided [in part] by the Brain Genomics Superstruct Project of Harvard University and the Massachusetts General Hospital, (Principal Investigators: Randy Buckner, Joshua Roffman, and Jordan Smoller), with support from the Center for Brain Science Neuroinformatics Research Group, the Athinoula A. Martinos Center for Biomedical Imaging, and the Center for Human Genetic Research. 20 individual investigators at Harvard and MGH generously contributed data to GSP Open Access Data Use Terms Version: 2014-Apr-22 the overall project."
  - b. Authors of publications or presentations using GSP data should cite relevant publications describing the methods used by the GSP to acquire and process the data. The specific publications that are appropriate to cite in any given study will depend on what GSP data were used and for what purposes. An annotated and appropriately up-to-date list of publications that may warrant consideration is available at <http://neuroinformatics.harvard.edu/gssp/>
  - c. The GSP as a consortium should not be included as an author of publications or presentations if this authorship would be based solely on the use of GSP data.
7. Failure to abide by these guidelines will result in termination of my privileges to access GSP data.

Restricted Files + Terms of Access

**Restricted Files** There are 13 restricted files in this dataset.

**Request Access** Users may request access to files.

Guestbook

**Guestbook**

The following guestbook will prompt a user to provide additional information when downloading a file.

Brain Genomics Superstruct Project (GSP)

Preview Guestbook

**Guestbook**

# File Level Workflows

The screenshot shows the IFPRI Harvard Dataspace homepage. At the top, there is a navigation bar with links for 'Add Data', 'Search', 'About', 'User Guide', 'Support', 'Sign Up', and 'Log In'. Below this is a banner for the International Food Policy Research Institute (IFPRI). The main content area includes a 'Home' section with a description of IFPRI's mission and a list of partner organizations: ASTI (Agricultural Science and Technology Indicators), Nexus SAMs (Nexus SAM), HarvestChoice (IFPRI HarvestChoice Dataspace), and IMPACT (International Model for Policy Analysis of Agricultural Commodities and Trade). A red arrow points from the 'Embargoes' label to the 'Embargoed' status on the right-hand page.

This screenshot shows a dataset page for 'Ghana Keta Groundwater Games for Resource Governance'. The page is marked as 'Embargoed' and 'Version 1.1'. It includes a 'Cite Dataset' button, a 'Learn about Data Citation Standards' link, and a 'Contact Owner' button. The dataset description mentions it is an Adobe PDF file from August 2, 2023, with a size of 566.9 KB. A red arrow points from the 'Embargoes' label to the 'Embargoed' status on this page.

**Embargoes**

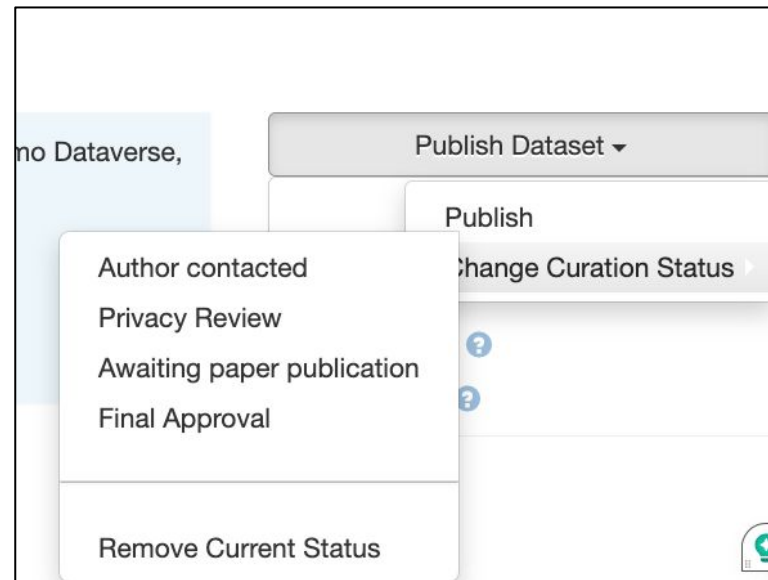
This screenshot shows a search results page for 'Ghana Keta Groundwater Games for Resource Governance'. The page is marked as 'Access: EmbargoedThenPublic'. It displays 6 results, with the first three visible. Each result is a file with a status of 'Embargoed'. The results are: 01\_Keta\_Ghana\_ILSSI\_Game\_Questionnaire.pdf (566.9 KB), 02\_Keta\_Ghana\_ILSSI\_Game\_CODEBOOK.pdf (325.0 KB), and 03\_Keta\_Ghana\_ILSSI\_Game\_DATA.txt (3.2 MB). A red arrow points from the 'Embargoes' label to the 'Embargoed' status on these results.

**Access**  
Public (13,368)  
Restricted (1,191)  
Embargoed then Public (6)

This screenshot shows a search results page for 'BreedingProfessionals\_MarketIntelligence\_QuantitativeExperiment.pdf'. The page is marked as 'Access: Restricted'. It displays 5 results, with the first three visible. Each result is a file with a status of 'Restricted'. The results are: BreedingProfessionals\_MarketIntelligence\_QuantitativeExperiment.pdf (1.3 MB), BreedingProfessionals\_MarketIntelligence\_QuantitativeSurvey.pdf (1.5 MB), and Rwanda\_COVID19\_R2\_codebook\_choices.tab (22.0 KB). A red arrow points from the 'Restricted access' label to the 'Restricted' status on these results.

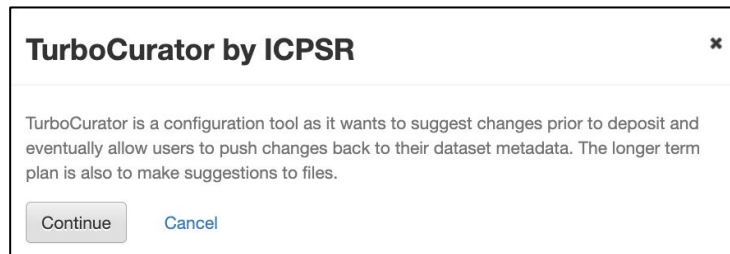
**Restricted access**

**Several managed access workflows in one collection**



## Curation workflow tools

## Dataset Level Workflows



### Tell us more about your deposit [Why are we requesting more information?](#)

Do not enter any sensitive information that may contain direct or indirect identifiers in your data. Information entered here will be sent to Open AI's ChatGPT. [ICPSR's data confidentiality policy \(new tab\)](#).

Enter additional information that might offer improved suggestions  
We encourage you to add any additional information you have about your data or research into the box below.

#### What kind of information are we looking for?

**Abstract or summary about your research**  
This could come from a published paper or a press release on your study. If you don't have an abstract or summary on hand, give us a two-sentence description of your study.

**Your data collection and analysis methodology**  
This could be the methodology section of your published paper or research plan.

**Deposit treatment information**  
Did you take any extra or important steps, such as a special analysis method? Were there data that you collected in the research that were not uploaded?

**Miscellaneous Information**  
Is there any additional information about your study or data that was not included in the deposit form?

Hide

By checking this box, I acknowledge and accept that the metadata and information I entered will be shared with OpenAI's ChatGPT. [TurboCurator's data sharing agreement \(new tab\)](#).

By checking this box, I acknowledge and accept that TurboCurator by ICPSR uses and logs non-sensitive metadata. [How does TurboCurator work? \(new tab\)](#)

Submit & Show Recommendations Do Not Generate Recommendations

### Data deposit recommendations for Demo of "submit for review"

Date Generated: 7/31/2024

- Review your recommendations below and update as needed
- Copy and paste in your deposit to update it

**Title** [What are these suggestions based on?](#)

Demo of "Submit for Review" - [United States] - Harvard Dataverse Webinar Test Deposit (Arts and Humanities)

Copy Title Recommendation

Your Entry

**Description** [What are these suggestions based on?](#)

This study does not contain enough information to create a summary. Please provide a study title, summary, keywords, subjects, and additional information if available.

Copy Description Recommendation

Your Entry

**Keywords** [What are these suggestions based on?](#)

arts, humanities

Copy Keywords Recommendation

Your Entry

# The DV project and FAIR

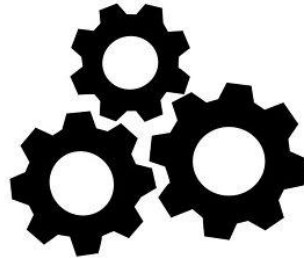
# FAIR principles and Dataverse

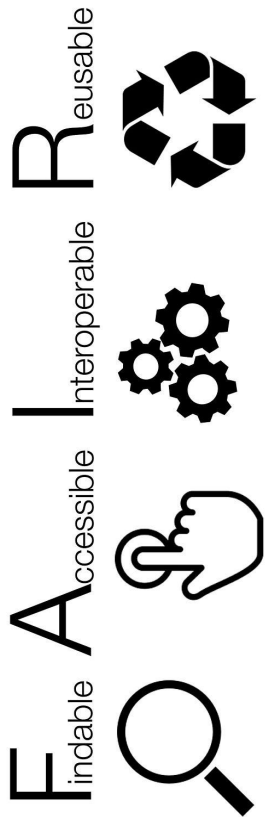
F<sub>indable</sub>

A<sub>ccessible</sub>

I<sub>nteroperable</sub>

R<sub>eusable</sub>





<https://www.go-fair.org/fair-principles/>

- > **FAIR Principles**
- > **F1: (Meta) data are assigned globally unique and persistent identifiers**
- > **F2: Data are described with rich metadata**
- > **F3: Metadata clearly and explicitly include the identifier of the data they describe**
- > **F4: (Meta)data are registered or indexed in a searchable resource**
- > **A1: (Meta)data are retrievable by their identifier using a standardised communication protocol**
- > **A1.1: The protocol is open, free and universally implementable**
- > **A1.2: The protocol allows for an authentication and authorisation procedure where necessary**
- > **A2: Metadata should be accessible even when the data is no longer available**
- > **I1: (Meta)data use a formal, accessible, shared, and broadly applicable language for knowledge representation**
- > **I2: (Meta)data use vocabularies that follow the FAIR principles**
- > **I3: (Meta)data include qualified references to other (meta)data**
- > **R1: (Meta)data are richly described with a plurality of accurate and relevant attributes**
- > **R1.1: (Meta)data are released with a clear and accessible data usage license**
- > **R1.2: (Meta)data are associated with detailed provenance**
- > **R1.3: (Meta)data meet domain-relevant community standards**
- > **How to GO FAIR**
- > **FAIRification Process**

published in *Scientific Data*. The authors intended to provide guidelines to improve the **Findability**, **Accessibility**, **Interoperability**, and **Reuse** of digital assets. The principles emphasise machine-actionability (i.e., the capacity of computational systems to find, access, interoperate, and reuse data with none or minimal human intervention) because humans increasingly rely on computational support to deal with data as a result of the increase in volume, complexity, and creation speed of data.

A practical "how to" guidance to go FAIR can be found in the **Three-point FAIRification Framework**.

#### Findable

The first step in (re)using data is to find them. Metadata and data should be easy to find for both humans and computers. Machine-readable metadata are essential for automatic discovery of datasets and services, so this is an essential component of the **FAIRification process**.

**F1. (Meta)data are assigned a globally unique and persistent identifier**

**F2. Data are described with rich metadata (defined by R1 below)**

**F3. Metadata clearly and explicitly include the identifier of the data they describe**

**F4. (Meta)data are registered or indexed in a searchable resource**

#### Accessible

Once the user finds the required data, she/he/they need to know how they can be accessed, possibly including authentication and authorisation.

**A1. (Meta)data are retrievable by their identifier using a standardised communications protocol**

**A1.1 The protocol is open, free, and universally implementable**

**A1.2 The protocol allows for an authentication and authorisation procedure, where necessary**

**A2. Metadata are accessible, even when the data are no longer available**

#### Interoperable

The data usually need to be integrated with other data. In addition, the data need to interoperate with applications or workflows for analysis, storage, and processing.

**I1. (Meta)data use a formal, accessible, shared, and broadly applicable language for knowledge representation.**

**I2. (Meta)data use vocabularies that follow FAIR principles**

**I3. (Meta)data include qualified references to other (meta)data**

#### Reusable

The ultimate goal of FAIR is to optimise the reuse of data. To achieve this, metadata and data should be well-described so that they can be replicated and/or combined in different settings.

**R1. (Meta)data are richly described with a plurality of accurate and relevant attributes**

**R1.1. (Meta)data are released with a clear and accessible data usage license**

**R1.2. (Meta)data are associated with detailed provenance**

**R1.3. (Meta)data meet domain-relevant community standards**

The principles refer to three types of entities: data (or any digital object), metadata (information about that digital object), and infrastructure. For instance, principle F4 defines that both metadata and data are registered or indexed in a searchable resource (the infrastructure component).

# How Dataverse Supports FAIR

- **FINDABLE:** Persistent Identifiers (DOIs, Handles) for datasets (and files), and enabling metadata indexing by search engines
- **ACCESSIBLE:** Open access to (meta)data and ensures data can be downloaded in machine-readable formats
- **INTEROPERABLE:** Provides standardised metadata schemas and enabling the integration of data with research tools and platforms
- **REUSABLE:** Licenses that clearly state how data can be used and ensuring that data are well documented and preserved for long term use

Epstein, Lee; Ho, Daniel E.; King, Gary; Segal, Jeffrey A., 2009, "Replication data for: The Supreme Court During Crisis: How War Affects Only Nonwar Cases", <https://doi.org/10.7910/DVN/OLD7MB>, Harvard Dataverse, V4, UNF:3:ZmbzFbfqogNM0Gb6CcV52A== [fileUNF]

[Cite Dataset](#) ▾

Learn about [Data Citation Standards](#).

Dataset Terms [^](#)

**License/Data Use Agreement**

This dataset will be published under the terms specified expect that proper credit is given via citation.

Terms of Use [?](#)

Confidentiality Declaration [?](#)

Custom Dataset Terms ▾

- CC BY-ND 4.0
- CC BY-SA 4.0
- PDDL-1.0
- ODC-By 1.0
- ODbL 1.0
- OGL UK 3.0
- MIT
- Custom Dataset Terms

## 2D Acoustic Numerical Breast Phantoms and USCT Measurement Data

Version 1.1

Li, Fu; Villa, Umberto; Park, Seonyeong; Anastasio, Mark, 2021, "2D Acoustic Numerical Breast Phantoms and USCT Measurement Data", <https://doi.org/10.7910/DVN/CUFVKE>, Harvard Dataverse, V1

Cite Dataset - Learn about Data Citation Standards.

Access Dataset -

Contact Owner Share

Dataset Metrics 904 Downloads

**Description** Companion dataset of the manuscript:  
Fu Li, Umberto Villa, Seonyeong Park, Mark A. Anastasio. Three-dimensional stochastic numerical breast phantoms for enabling virtual imaging trials of ultrasound computed tomography. *ArXiv preprint 2106.02744* (2021)

This dataset includes a collection of 52 two-dimensional slices of numerical breast phantoms (NBPs) and corresponding ultrasound computed tomography (USCT) simulated measurement data. The anatomical structures of these NBPs were obtained by use of tools from the Virtual Imaging Clinical Applications (VICA) software suite. For more information, please refer to the accompanying manuscript.

cited by  
→

## Generative models based on eigendecomposition for dense ray tracing

The Journal of the Acoustical Society of America 152, 679 (2022); <https://doi.org/10.1121/10.0012973>

Jorge A. Ramos Oliveira, Mario Castelan<sup>1)</sup>, and Arturo Baltazar

View Affiliations View Contributors

PDF

TOPICS

- Covariance and correlation
- Calculus of variations

ABSTRACT

In this wo

### REFERENCES

- Li, F., Villa, U., Park, S., and Anastasio, M. (2021). "2D acoustic numerical breast phantoms and USCT measurement data," <https://dataverse.harvard.edu/dataset.xhtml?persistentId=doi:10.7910/DVN/CUFVKE> (Last viewed June 5, 2022). [Google Scholar](#)

Harvard Dataverse > Integrated Crisis Early Warning System (ICEWS) Dataverse >

## ICEWS Coded Event Data

Version 26.0

Boschee, Elizabeth; Lautenschlager, Jennifer; O'Brien, Sean; Shellman, Steve; Starz, James; Ward, Michael, 2015, "ICEWS Coded Event Data", <https://doi.org/10.7910/DVN/28075>, Harvard Dataverse, V36, UNF:6:NOSHB7wyt0SQ8sMg7+w38w== [fileUNF]

Cite Dataset - Learn about Data Citation Standards.

Access Dataset -

Contact Owner Share

Dataset Metrics 95,873 Downloads

**Description** Event data consists of coded interactions between socio-political actors (i.e., cooperative or hostile actions between individuals, groups, sectors and nation states). Events are automatically identified and extracted from news articles by the BBN ACCENT event coder. These events are essentially triples consisting of a source actor, an event type (according to the CAMEO taxonomy of events), and a target actor. Geographical-temporal metadata are also extracted and associated with the relevant events within a news article. We plan to update this data on a periodic basis. Additional event data may be made available For Official Use Only (FOUO), government sponsored research activities. (2014)

**Subject** Social Sciences

**Related Publication** Shilliday, A., and Lautenschlager, J. Data for a Global ICEWS and Ongoing Research. 2nd International Conference on Peace, Cultural Politics, Media, Events 2019.

cited by  
→



Journal of Asian Economics

Volume 84, February 2023, 101578



## The Arab Spring, a setback for gender equality? Evidence from the Gallup World Poll

Robert Rudolf\* ✉, Sh

Show more

+ Add to Mendeley

### References

- Boschee et al., 2015 Boschee, E., Lautenschlager, J., O'Brien, S., Shellman, S. (2015). *ICEWS coded event data*. Harvard Dataverse, V28, UNF:6:NOSHB7wyt0SQ8sMg7+w38w== [fileUNF]. Retrieved from <<https://doi.org/10.7910/DVN/28075>> . [Google Scholar](#)

# Dataverse Features & Highlights

## Inventory of External Tools

Tool	Type	Scope	Description
Data Explorer	explore	file	A GUI which lists the various and cross tabular data. <a href="https://github.com/scholarscope/data-explorer">https://github.com/scholarscope/data-explorer</a> on addin
Whole Tale	explore	dataset	A platform for the creation and launch containerized integrations such as Jupyter and RStudio in Jupyter and RStudio environments. <a href="https://github.com/whole-tale/whole-tale">https://github.com/whole-tale/whole-tale</a>
Binder	explore	dataset	Binder allows you to spin up a Jupyter environment (including Jupyter notebooks) from a dataset. <a href="https://github.com/Quansight/binder">https://github.com/Quansight/binder</a>
File Previewers	explore	file	A set of tools that display file annotations, images, PDF, GeoJSON, zip, and NcML files. The previewers can be used by using the Dataverse API including how to optionally use the Qualitative Data Repository Social Sciences at <a href="https://github.com/qualitative-data-repository">https://github.com/qualitative-data-repository</a>
Data Curation Tool	configure	file	A GUI for curating data by assist with information. <a href="https://github.com/scholarscope/data-curation-tool">https://github.com/scholarscope/data-curation-tool</a>
Ask the Data	query	file	Ask the Data is an extension for asking questions about the data. See the README.md file at <a href="https://github.com/ask-the-data/ask-the-data">https://github.com/ask-the-data/ask-the-data</a> for the instructions on adding TurboCurator
TurboCurator by ICPSR	configure	dataset	TurboCurator generates keywords. It relies on adding TurboCurator Dataverse Add-on. <a href="https://github.com/ICPSR/turbo-curator">https://github.com/ICPSR/turbo-curator</a>
JupyterHub	explore	file	The Dataverse-to-JupyterHub transfer of data between JupyterHub. It is designed for collaboration on projects by using a lightweight client-side Dataverse External Tool integration systems. Current plans include extending support for more details, <a href="https://forgemia.inria.fr/dataverse-to-jupyterhub">https://forgemia.inria.fr/dataverse-to-jupyterhub</a> connect
3DViewer by openforestdata.pl	explore	file	The 3DViewer by openforestdata.pl (slide deck, video) and can be used to view 3D data in a web browser.

## API Guide

### Contents:

- Introduction
  - What is an API?
  - Types of Dataverse Software API Users
    - API Users Within a Single Dataverse
      - Users of Integrations and Applications
      - Power Users
      - Support Teams and Superusers
      - Sysadmins
      - In House Developers
    - API Users Across the Dataverse Federation
      - Developers of Integrations, Applications and Tools
      - Developers of Dataverse Software
      - Developers of The Dataverse API
  - How This Guide is Organized
    - Getting Started
    - API Tokens and Authentication
    - Lists of Dataverse APIs
    - Client Libraries
    - Examples
    - Frequently Asked Questions
- Getting Started with APIs
  - Servers You Can Test With
  - Getting an API Token
  - curl Examples and Environment Variables
  - Depositing Data
    - Creating a Dataverse Collection
    - Creating a Dataset
    - Uploading Files
    - Publishing a Dataverse Collection
    - Publishing a Dataset
  - Finding and Downloading Data
    - Finding Datasets
    - Finding Recently Published Datasets
    - Downloading Files
    - Downloading Metadata
    - Listing the Contents of a Dataverse Collection
  - Managing Permissions
    - Granting Permission
    - Revoking Permission

## Running Dataverse in Docker

### Contents:

- Production (Future)
  - Status
  - Limitations
  - How to Help
  - Alternatives
- Demo or Evaluation
  - Quickstart
  - Stopping and Starting the Container
  - Deleting Data and Starting Over
  - Setting Up for a Demo
    - Starting Fresh
    - Creating and Running a Demo
  - Smoke Testing
  - Further Configuration
    - JVM Options/MicroProfile Configuration
    - Database Settings
  - Next Steps
  - About the Containers
    - Container List
    - Tags and Versions
  - Troubleshooting
    - Hardware and Software Requirements
    - Bootstrapping Did Not Complete
  - Wrapping Up
    - Deleting the Containers and Images
  - Giving Feedback
  - Getting Help
- Editing Metadata Blocks
  - Intro
  - Status
- GitHub Action
  - Intro
  - Use Cases
- Frontend Development
  - Intro
- Backend Development
  - Intro

## Integrations

Now that you've installed a Dataverse installation, you might want to set up integrations. Some of these integrations are open source and are cross listed in the [Apps](#) section of the [Dataverse Wiki](#).

### Contents:

- Getting Data In
  - GitHub
  - Dropbox
  - Open Science Framework (OSF)
  - RSpace
  - Open Journal Systems (OJS)
  - Renku
  - Amnesia
  - SampleDB
  - RedCap
  - GitLab
  - iRODS
  - Integrations Dashboard
  - Globus
  - DataLad
- Embedding
  - Open Science Framework (OSF)
- Analysis and Reporting
  - DataCamp
  - CompVis
  - Whole Tale
  - Renku
  - Avgid
  - Jupyter
- Discoverability
  - SHAR
  - Geodac
  - DataCite
- Research Data
  - Archivematica
  - RDA BagIt (BagPack) Archiving
- Future Integrations

### Introduction

Dataverse in containers!

#### Contents:

- Intended Audience
- Getting Help
- Helping with the Containerization Effort

### Intended Audience

This guide is intended for anyone who wants to run Dataverse in containers. This is potentially a wide audience, from sysadmins interested in running Dataverse in production in containers (not recommended yet) to contributors working on a bug fix (encouraged!). See [Running Dataverse in Docker](#) for various scenarios and please let us know if your use case is not covered.

### Getting Help

Please ask in [#containers](#) at <https://chat.dataverse.org>

Alternatively, you can try one or more of the channels under [Getting Help](#).

### Helping with the Containerization Effort

In 2023 the Containerization Working Group started meeting regularly. All are welcome to join! We talk in [#containers](#) at <https://chat.dataverse.org> and have a regular video call. For details, please visit <https://ct.gdsc.io>

# Make Data Count

**Make Data Count** is a project to collect and standardize metrics on data use, especially views, downloads, and citations. The Dataserve Software can integrate Make Data Count to collect and display usage metrics including counts of dataset views, file downloads, and dataset citations.

## Contents:

- Introduction
- Architecture
- Limitations for Dataserve Installations Using Handles Rather Than DOIs
- Configuring Your Dataserve Installation for Make Data Count Views and Downloads
  - Enable Logging for Make Data Count
  - Enable or Disable Display of Make Data Count Metrics
  - Configure Counter Processor
  - Populate Views and Downloads for the First Time
  - Populate Views and Downloads Nightly
  - Sending Usage Metrics to the DataCite Hub
- Configuring Your Dataserve Installation for Make Data Count Citations
- Retrieving Make Data Count Metrics from the DataCite Hub
- Retrieving Make Data Count Metrics from a Dataserve Installation

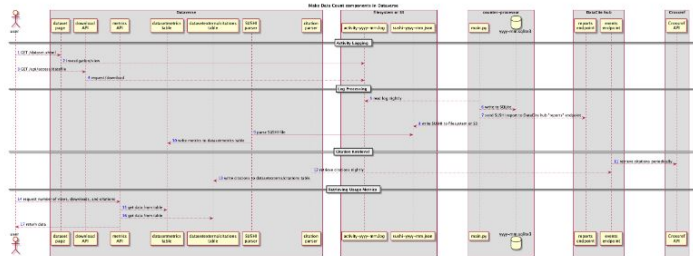
## Introduction

**Make Data Count** is part of a broader [Research Data Alliance \(RDA\) Data Usage Metrics Working Group](#) which helped to produce a specification called the [COUNTER Code of Practice for Research Data \(PDF, HTML\)](#) that the Dataserve Software makes every effort to comply with. The Code of Practice (CoP) is built on top of existing standards such as COUNTER and SUSHI that come out of the article publishing world. The Make Data Count project has emphasized that they would like feedback on the code of practice. You can keep up to date on the Make Data Count project by subscribing to their [newsletter](#).

## Architecture

Dataserve installations who would like support for Make Data Count must install [Counter Processor](#), a Python project created by California Digital Library (CDL) which is part of the Make Data Count project and which runs the software in production as part of their DASH data sharing platform.

The diagram below shows how Counter Processor interacts with your Dataserve installation and the DataCite hub, once configured. Dataserve installations using Handles rather than DOIs should note the limitations in the next section of this page.



The most important takeaways from the diagram are:

- Once enabled, your Dataserve installation will log activity (views and downloads) to a specialized date-stamped file.
- You should run Counter Processor once a day to create reports in SUSHI (JSON) format that are saved to disk for your Dataserve installation to process and that are sent to the DataCite hub.

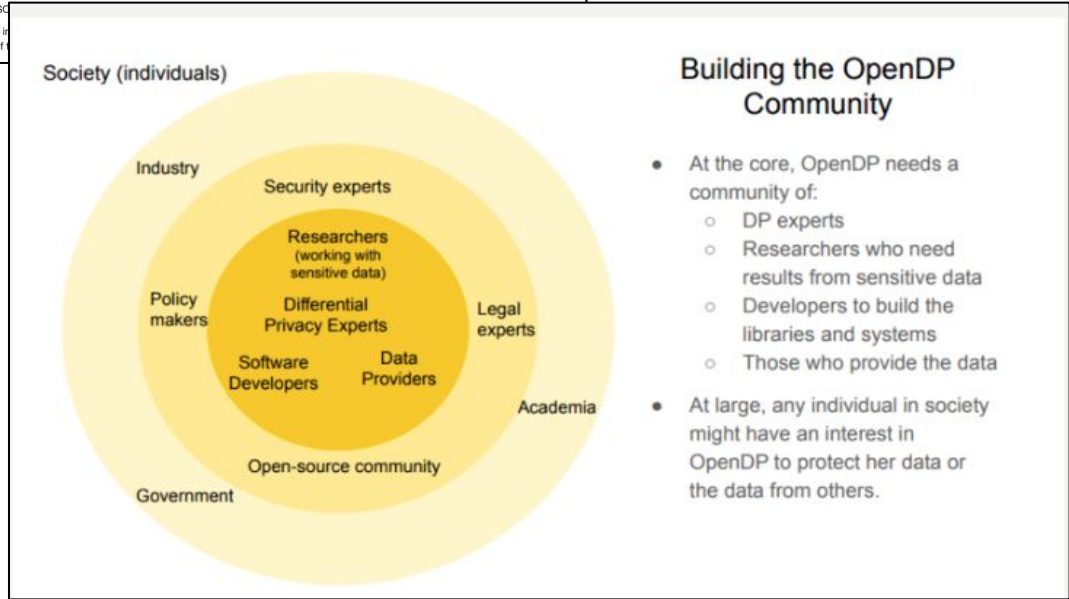
## Exploratory Data Analysis Using Differentially Private Metadata (Experimental)

Through an integration with tools from the OpenDP Project ([opendp.org](#)), the Dataserve Software offers an experimental workflow that allows a data depositor to create and deposit Differentially Private (DP) Metadata files, which can then be used for exploratory data analysis. This workflow allows researchers to view the DP metadata for a tabular file, determine whether or not the file contains useful information, and then make an informed decision about whether or not to request access to the original file.

If the data depositor has made available DP metadata for one or more files in their dataset, these access options will appear on the access dropdown on both the Dataset Page and the File Page. These access options will be available even if a file is restricted. Three types of DP metadata will be available:

- PDF
- XML
- JSON

For more information, see the next section of this page.



# New or Upcoming Features & Services

**Ask the Data:** Natural language interface enabling exploration of tabular datasets

**Croissant-ML:** Support for machine learning/AI ready datasets using the Croissant standard

**Large Data Services:** Support for datasets over 2.5T up to PB size. Includes support for tape and disk access via Globus and S3

**Search and Facet by License:** New ability to search and facet by dataset license (e.g., CC0)

**New Contributor Guide:** The UX Working Group released a new Dataverse Contributor Guide.

**File-Level Retention Periods:** Dataverse now supports new file-level retention periods. See the Retention Periods section of the guide for details.

**Support for Multiple Persistent Identifier Providers:** Support for using multiple PID provider accounts (e.g., DOI, Handle, PermaLink). Great for consortia.

## Forthcoming

**Traditional Knowledge Labels:** Support for datasets using the TK Labels controlled vocabulary

**New Dataset Types:** Support for software, computational workflows, and other new types of datasets

**Dataverse Marketplace:** Centralized location for simple setup of configurable plug ins such as exporters, external tools, etc.

**External Search:** New External Tool type, “search”, for external API-enabled search engines to search Dataverse content in different ways

**Dataverse Metrics Hub:** A new service providing metrics about the Dataverse Project, Harvard Dataverse, and the Dataverse network via APIs

- Support for FAIR Data Principles
- Data citation for datasets and files
- OAI-PMH (Harvesting)
- APIs for interoperability and custom integrations
- API client libraries
- DataCite integration
- Login via Shibboleth
- Login via ORCID, Google, GitHub, or Microsoft
- Login via OpenID Connect (OIDC)
- Internationalization
- Versioning
- Restricted files
- Embargo
- Custom licenses
- Custom terms of use
- Publishing workflow support
- File hierarchy
- File previews
- Preview and analysis of tabular files
- Usage statistics and metrics
- Guestbook
- Fixity checks for files
- File download in R and TSV format
- Faceted search
- Customization of collections
- Private URL
- Widgets
- Notifications
- Schema.org JSON-LD
- External tools
- External vocabulary
- Dropbox integration
- GitHub integration
- Integration with Jupyter notebooks
- User management
- Curation status labels
- Branding
- Backend storage on S3 or Swift
- Direct upload and download for S3
- Export data in BagIt format
- Post-publication automation (workflows)
- Pull header metadata from Astronomy (FITS) files
- Provenance
- Support for rsync
- Auxiliary files for data files

Thank you!  
support@dataverse.org

The Dataverse Project

<https://dataverse.org/>

The Harvard Dataverse repository

<https://dataverse.harvard.edu/>

Integrating Dataverse and DSpace

<https://osf.io/72w4m>

The Dataverse Guide

<https://guides.dataverse.org/en/latest/>

Dataverse on Github

<https://github.com/IQSS/dataverse>

Dataverse google community

<https://groups.google.com/g/dataverse-community>

**Additional Slides of Information**

# The Dataverse Project

## Best Practices

- Academic Credit
- Data Citation
- Dataverse  
Community Norms
- Data Management
- Replication Dataset  
Guidelines

## Software

- Goals, Roadmap, and  
Releases
- Collaborations
- Integrations
- Features
- Source Code
- Guides

# Metadata References

## Supported Metadata

Detailed below are what metadata schemas we support for Citation and Domain Specific Metadata in the Dataverse Project:

- [Citation Metadata \(see .tsv version\)](#): compliant with [DDI Lite](#), [DDI 2.5 Codebook](#), [DataCite 3.1](#), and Dublin Core's [DCMI Metadata Terms](#) . Language field uses [ISO 639-1](#) controlled vocabulary.
- [Geospatial Metadata \(see .tsv version\)](#): compliant with DDI Lite, DDI 2.5 Codebook, DataCite, and Dublin Core. Country / Nation field uses [ISO 3166-1](#) controlled vocabulary.
- [Social Science & Humanities Metadata \(see .tsv version\)](#): compliant with DDI Lite, DDI 2.5 Codebook, and Dublin Core.
- [Astronomy and Astrophysics Metadata \(see .tsv version\)](#): These metadata elements can be mapped/exported to the International Virtual Observatory Alliance's (IVOA) [VOResource Schema format](#) and is based on [Virtual Observatory \(VO\) Discovery and Provenance Metadata \(see .tsv version\)](#).
- [Life Sciences Metadata \(see .tsv version\)](#): based on [ISA-Tab Specification](#), along with controlled vocabulary from subsets of the [OBI Ontology](#) and the [NCBI Taxonomy for Organisms](#).
- [Journal Metadata \(see .tsv version\)](#): based on the [Journal Archiving and Interchange Tag Set, version 1.2](#).


## Experimental Metadata


Unlike supported metadata, experimental metadata is not enabled by default in a new Dataverse installation. Feedback via any [channel](#) is welcome!


- [CodeMeta Software Metadata](#): based on the [CodeMeta Software Metadata Schema, version 2.0 \(see .tsv version\)](#)
- [Computational Workflow Metadata \(see .tsv version\)](#): adapted from [Bioschemas Computational Workflow Profile, version 1.0](#) and [Codemeta](#).

## Custom Metadata Blocks\*


# Permissions, Workflows and Roles (Collection, Dataset and Files)

Roles  All the roles set up in your dataverse, that you can assign to users and groups.


 Add New Role

**Admin** - A person who has all permissions for dataverses, datasets, and files, including approving requests for restricted data. 


[AddDataverse](#) [AddDataset](#) [ViewUnpublishedDataverse](#) [ViewUnpublishedDataset](#) [DownloadFile](#) [EditDataverse](#) [EditDataset](#) [ManageDataversePermissions](#) [ManageDatasetPermissions](#) [ManageFilePermissions](#) [PublishDataverse](#) [PublishDataset](#) [DeleteDataverse](#) [DeleteDatasetDraft](#)

**Contributor** - For datasets, a person who can edit License + Terms, and then submit them for review. 


[ViewUnpublishedDataset](#) [DownloadFile](#) [EditDataset](#) [DeleteDatasetDraft](#)

**Curator** - For datasets, a person who can edit License + Terms, edit Permissions, and publish datasets. 


[AddDataverse](#) [AddDataset](#) [ViewUnpublishedDataverse](#) [ViewUnpublishedDataset](#) [DownloadFile](#) [EditDataset](#) [ManageDatasetPermissions](#) [ManageFilePermissions](#) [PublishDataset](#) [DeleteDatasetDraft](#)

**Dataset Creator** - A person who can add datasets within a dataverse. 


[AddDataset](#)

**Dataverse + Dataset Creator** - A person who can add subdataverses and datasets within a dataverse. 


[AddDataverse](#) [AddDataset](#)

**Dataverse Creator** - A person who can add subdataverses within a dataverse. 

[AddDataverse](#)

**File Downloader** - A person who can download a published file. 

[DownloadFile](#)

**Member** - A person who can view both unpublished dataverses and datasets. 

[ViewUnpublishedDataverse](#) [ViewUnpublishedDataset](#) [DownloadFile](#)

Fe

# Permissions, Workflows and Roles: Collection level contribution and publishing

## Edit Access ✕

### Who can add to this dataverse?

- Anyone adding to this dataverse needs to be given access
- Anyone with a Dataverse account can add sub dataverses
- Anyone with a Dataverse account can add datasets
- Anyone with a Dataverse account can add sub dataverses and datasets

### When a user adds a new dataset to this dataverse, which role should be automatically assigned to them on that dataset?

- Contributor - Edit metadata, upload files, and edit files, edit Terms, Guestbook, Submit datasets for review
- Curator - Edit metadata, upload files, and edit files, edit Terms, Guestbook, File Restrictions (Files Access + Use), Edit Permissions/Assign Roles + Publish

Save Changes

Cancel

# Permissions, Workflows and Roles: Dataset and File Level

## Assign Role

Grant permissions to users and groups by assigning them a role.

**Users/Groups \***

**Role \***

- Admin
- Contributor
- Curator
- File Downloader
- Member

These are the permissions associated with the selected role.

## Grant File Access

Grant file access to users and groups.

**Users/Groups**

Selecting 0 of 20 Restricted Files

	File Name
<input type="checkbox"/>	00097_Early_Head_Start_B1C_ruf.sd2
<input type="checkbox"/>	00097_Early_Head_Start_B1C_ruf.tab
<input type="checkbox"/>	00097_Early_Head_Start_B1H_ruf.sd2
<input type="checkbox"/>	00097_Early_Head_Start_B1H_ruf.tab
<input type="checkbox"/>	00097_Early_Head_Start_B2C_ruf.sd2
<input type="checkbox"/>	00097_Early_Head_Start_B2C_ruf.tab
<input type="checkbox"/>	00097_Early_Head_Start_B2H_ruf.sd2
<input type="checkbox"/>	00097_Early_Head_Start_B2H_ruf.tab
<input type="checkbox"/>	00097_Early_Head_Start_B2K_ruf.sd2
<input type="checkbox"/>	00097_Early_Head_Start_B2K_ruf.tab

# Data, Tools, Discoverability and Preservation

## Getting Data Into a Dataverse Repository

- GitHub
- Dropbox
- OSF
- RSpace
- OJS
- Renku
- Amnesia
- SampleDB

## Analysis and Computation

- Data Explorer
- Compute Button
- Whole Tale
- Binder
- Renku
- Avgidea Data Search

## Discoverability


- OAI-PMH (Harvesting)
- SHARE
- Geodisy

## Preservation

- Archivematica
- RDA BagIt Archiving
- Future Integrations\*

# Datasets - Citations

Add Data ▾ Search ▾ About User Guide Support Sign Up Log In

Africa RISING Dataverse (International Food Policy Research Institute (IFPRI)) Africa RISING

[Harvard Dataverse](#) > [IFPRI Dataverse](#) > [Africa RISING Dataverse](#) >

## Assessment of Land Degradation in Semi-Arid Zone of Central Tanzania

Version 1.0



International Institute of Tropical Agriculture (IITA); University of Bonn, Germany, 2021, "Assessment of Land Degradation in Semi-Arid Zone of Central Tanzania", <https://doi.org/10.7910/DVN/HADLCK>, Harvard Dataverse, V1, UNF:6:jU30uW/R5JgiHw7dPr5iuQ== [fileUNF]

[Cite Dataset ▾](#)

Learn about [Data Citation Standards](#).

Contact Owner Share

Dataset Metrics 

0 Downloads 

# Data - Citations

Your Publication



**Formal  
Data  
Citation**



Your Data

A screenshot of a spreadsheet application window. The spreadsheet contains a grid of numerical data, likely representing a dataset. The data is organized in rows and columns, with some cells containing values like 1.000, 2.000, 3.000, 4.000, 5.000, 6.000, 7.000, 8.000, 9.000, 10.000, 11.000, 12.000, 13.000, 14.000, 15.000, 16.000, 17.000, 18.000, 19.000, 20.000, 21.000, 22.000, 23.000, 24.000, 25.000, 26.000, 27.000, 28.000, 29.000, 30.000, 31.000, 32.000, 33.000, 34.000, 35.000, 36.000, 37.000, 38.000, 39.000, 40.000, 41.000, 42.000, 43.000, 44.000, 45.000, 46.000, 47.000, 48.000, 49.000, 50.000, 51.000, 52.000, 53.000, 54.000, 55.000, 56.000, 57.000, 58.000, 59.000, 60.000, 61.000, 62.000, 63.000, 64.000, 65.000, 66.000, 67.000, 68.000, 69.000, 70.000, 71.000, 72.000, 73.000, 74.000, 75.000, 76.000, 77.000, 78.000, 79.000, 80.000, 81.000, 82.000, 83.000, 84.000, 85.000, 86.000, 87.000, 88.000, 89.000, 90.000, 91.000, 92.000, 93.000, 94.000, 95.000, 96.000, 97.000, 98.000, 99.000, 100.000. The spreadsheet has a standard interface with a menu bar, toolbar, and status bar.

---

**Principle 2**  
**- Credit and Attribution:**

Such as authors, repositories or other distributors and contributors.

← **Author(s)**, Year, Dataset Title,  
**Global Persistent Identifier**, →  
← **Data Repository or Archive**,  
**Version**



---

**Principle 7 - Specificity and verification:**  
Such as the specific version used. Versioning or timeslice information should be supplied with any updated or dynamic dataset.

---

**Principles 4, 5, 6**  
**- Unique Identification, Access, Persistence:**

A unique, persistent identifier, such as a DOI or Handle, that provides access to metadata.

Fig. 1 Example of a data citation based on the [Joint Declaration of Data Citation Principles \(2014\)](#).

# Getting started with the DV Project

# Create Collections and Datasets

- Data Formatting
- Quality Control
- Metadata Creation
- Version Control
- Documentation
- Access Control
- Preservation

# Account Creation

## ➔ Log In

Log in or sign up with your institutional account — more [information about account creation](#). Leaving your institution? Please contact [Harvard Dataverse Support](#) for assistance.

Your Institution



HARVARD  
UNIVERSITY

Harvard University

Please select... ▾

Continue

[Allow me to type the name of my institution](#)

## Other options

Username/Email

GitHub

Google

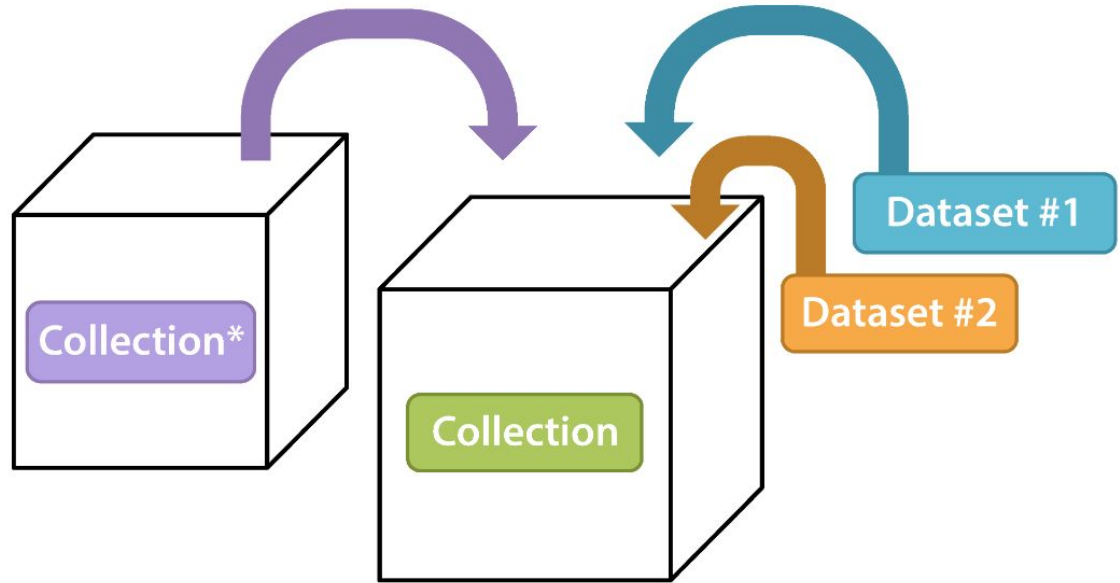
ORCID

## Create a Dataverse “Collection”

- Edit Dataverse Collection
  - General Information
  - Theme
  - Widgets
    - Dataverse Collection Search Box Widget
    - Dataverse Collection Listing Widget
    - Adding Widgets to an OpenScholar Website
  - Roles & Permissions
    - Setting Access Configurations
    - Assigning Roles to Users and Groups
  - Dataset Templates
  - Dataset Guestbooks
  - Featured Dataverse Collection
- Dataset Linking
- Dataverse Collection Linking
- Publish Your Dataverse Collection

A Dataverse collection is a container for datasets (research data, code, documentation, and metadata) and other Dataverse collections, which can be setup for individual researchers, departments, journals and organizations.

### Schematic Diagram of a **Collection** in Dataverse Software 5.0



Container for your **Datasets** and/or **Collections\***

\* Collections can contain other Collections

- Metadata
- Searchable facets
- Holds datasets



**Customizable** with descriptions, logos, collection space URLs, affiliation, contact emails, permissions, metadata and searchable facets. **Dataverse collections hold datasets.**

**HARVARD Dataverse** Add Data Search About User Guide Support Sonia Barbosa

New Dataverse

\*Asterisks indicate required fields

**Host Dataverse**  
Harvard Dataverse

**Dataverse Name**  
Sonia Barbosa Dataverse

**Identifier**  
https://dataverse.harvard.edu/dataverse/

**Category**  
Select one...

**Email**  
sbarbosa@hmdc.harvard.edu

**Affiliation**  
Harvard University

**Storage**  
s3 (Default)

**Description**  
This field supports only certain HTML tags.

**Metadata Fields**

Choose the metadata fields to use in dataset templates and when adding a dataset to this dataverse.

Use metadata fields from Harvard Dataverse

Citation Metadata (Required) [\[+\] View fields](#)

Geospatial Metadata [\[+\] View fields](#)

Social Science and Humanities Metadata [\[+\] View fields](#)

Astronomy and Astrophysics Metadata [\[+\] View fields](#)

Life Sciences Metadata [\[+\] View fields](#)

Journal Metadata [\[+\] View fields](#)

**Browse/Search Facets**

Choose the metadata fields to use as facets for browsing datasets and dataverses in this dataverse.

Use browse/search facets from Harvard Dataverse

All Metadata Fields

Available Fields	Selected
Keyword Term	Subject
Topic Classification Term	Author Name
Language	Author Affiliation
Producer Name	
Production Date	
Contributor Type	
Contributor Name	
Grant Information Grant	

Harvard Dataverse A collaboration with Harvard Library, Harvard University IT, and IQSS

Harvard Dataverse - Permissions

Permissions ▲

Here is the current access configuration to your dataverse. [Edit Access](#)

**Who can add to this dataverse?**

Anyone adding to this dataverse needs to be given access

**What should be the default role for someone adding datasets to this dataverse?**

Contributor - Edit metadata, upload files, and edit files, edit Terms, Guestbook, Submit datasets for review

Users/Groups ▲

Here are all the users and groups that have access to your dataverse. [Create Group](#) [Assign Roles to Users/Groups](#)

User/Group Name (Affiliation)	ID	Role	Action
Dataverse Admin (Dataverse.org)	@admin	Admin	<a href="#">Remove Assigned Role</a>

Roles ▼

Harvard Dataverse A collaboration with Harvard Library, Harvard University IT, and IQSS

### Edit Access

**Who can add to this dataverse?**

Anyone adding to this dataverse needs to be given access  
 Anyone with a Dataverse account can add sub dataverses  
 Anyone with a Dataverse account can add datasets  
 Anyone with a Dataverse account can add sub dataverses and datasets

**What should be the default role for someone adding datasets to this dataverse?**

Contributor - Edit metadata, upload files, and edit files, edit Terms, Guestbook, Submit datasets for review  
 Curator - Edit metadata, upload files, and edit files, edit Terms, Guestbook, File Restrictions (Files Access + Use), Edit Permissions/Assign Roles + Publish

[Save Changes](#) [Cancel](#)

Harvard Dataverse A collaboration with Harvard Library, Harvard University IT, and IQSS

### Assign Role

Grant permissions to users and groups by assigning them a role.

User/Group \*

Role \*

- Admin
- Contributor
- Curator
- Dataset Creator
- Dataverse + Dataset Creator
- Dataverse Creator
- File Downloader
- Member

[Save Changes](#) [Cancel](#)

Harvard Dataverse A collaboration with Harvard Library, Harvard University IT, and IQSS

### Assign Role

Grant permissions to users and groups by assigning them a role.

User/Group \*

Role \*

- Admin
- Contributor
- Curator
- Dataset Creator
- Dataverse + Dataset Creator
- Dataverse Creator
- File Downloader
- Member

These are the permissions associated with the selected role.


**Contributor**

- [View/Upload/Hide Dataset](#)
- [Download File](#)
- [Edit Dataset](#)
- [Delete Dataset Draft](#)

[Save Changes](#) [Cancel](#)

**HARVARD**  
Dataverse

Add Data ▾ Search ▾ About User Guide Support Sign Up Log In



INTERNATIONAL  
FOOD POLICY  
RESEARCH  
INSTITUTE  
IFPRI

IFPRI Dataverse (International Food Policy Research Institute) Home

Harvard Dataverse >


Contact Share

The [International Food Policy Research Institute \(IFPRI\)](#) views the products of its research, including research datasets, as global public goods, and is committed to enabling their widespread distribution and use.

This is in keeping with the [IFPRI Research Data Management and Open Access \(RDMOA\) Policy](#) and the [CGIAR Open Access and Data Management Policy](#).


The IFPRI Dataverse comprises datasets collected during the course of IFPRI research. These datasets include tables in various standard formats, survey instruments, codebooks, metadata, and other associated documentation. The [Terms of Use](#) require proper attribution of these datasets to IFPRI and any named authors.

Please direct questions about IFPRI datasets to [IFPRI-Data](#) or [IFPRI-Library](#). For information on the latest resources and news on research data management, please visit [IFPRI's Research Data](#) website.



RESEARCH PROGRAM ON  
Agriculture for  
Nutrition  
and Health  
led by IFPRI

CGIAR Research Program on  
Agriculture for Nutrition and  
Health (A4NH)



Africa RISING  
Dataverse

**ASTI**  
led by IFPRI  
Agricultural Science and  
Technology Indicators (ASTI)  
Dataverse

**HarvestChoice**  
BETTER CHOICES, BETTER LIVES  
IFPRI HarvestChoice Dataverse

Datasets (9)

**Datasets (602)**

Files (11,208)

**Dataverse Category**  
Research Project (8)  
Research Group (1)

---

**Publication Year**  
2021 (36)  
2020 (97)  
2019 (75)  
2018 (66)  
2017 (100)  
[More...](#)

---

**Topic Classification Term**  
Agricultural research ((AGROVOC)) (120)  
Nutrition ((AGROVOC)) (104)  
Impact assessment ((AGROVOC)) (88)  
Health ((AGROVOC)) (69)  
Social accounting matrix ((STW Thesaurus for Economics)) (65)  
[More...](#)

---

**Keyword Term**  
AFRICA (215)  
AFRICA SOUTH OF SAHARA (203)  
EAST AFRICA (114)  
nutrition (98)  
Africa (96)  
[More...](#)

---

**Series Name**  
Household- and Community-level Surveys (262)  
Country Level Data (88)  
Social Accounting Matrix (SAM) (69)  
Biophysical Surveys (41)  
Experimental Data (34)  
[More...](#)

---

**Geographic Coverage Country / Nation**  
Ethiopia (77)  
Tanzania, United Republic of (62)  
Bangladesh (60)  
Ghana (46)  
Malawi (43)  
[More...](#)

---

**Grant Information Grant Agency**

<https://dataverse.harvard.edu/dataverse/IFPRI/>



## NC DOCKS Dataverse

UNC Dataverse &gt; NC DOCKS Dataverse

[Contact](#) [Share](#)

NC DOCKS (NC Digital Online Collection of Knowledge and Scholarship) is an open-access database for collecting, preserving, and disseminating the scholarly and creative works of faculty and students for select University of North Carolina institutions. The NC DOCKS Dataverse contains data deposited by researchers working at affiliated institutions including Appalachian State University, East Carolina University, University of North Carolina at Greensboro, University of North Carolina at Wilmington, and Western Carolina University.

Appalachian  
STATE UNIVERSITY  
Appalachian State University  
Dataverse

ECU  
LIBRARIES  
East Carolina University  
Dataverse

University of North Carolina at  
Greensboro Dataverse

Western Carolina  
UNIVERSITY  
Western Carolina University  
Dataverse

Search this dataverse...

Find

[Advanced Search](#) **Dataverses (7)**

1 to 10 of 32 Results

Sort ▾

 **Datasets (25)** Associations of Tobacco Retailer Density and Proximity with Adult Tobacco Use and Health Outcomes: A Meta-Analysis  
Apr 16, 2021 - East Carolina University Dataverse  **Files (107)** **Dataverses (7)** **Datasets (25)** **Files (107)****Dataverse Category**

Organization or Institution (2)

Researcher (2)

**Publication Year**

2013 (5)

2016 (5)

2019 (5)

2020 (5)

2012 (3)

[More...](#)**Author Name**

Lee, Joseph (9)

Averett, Paige (3)

Cohen, Dale (2)

Henriksen, Lisa (2)

Li, Zhijin (2)

[More...](#)**Subject**

Medicine, Health and Life Sciences (10)

Social Sciences (9)

Earth and Environmental Sciences (6)

**Production Date**

2012 (4)

2013 (2)

2014 (2)

2016 (2)

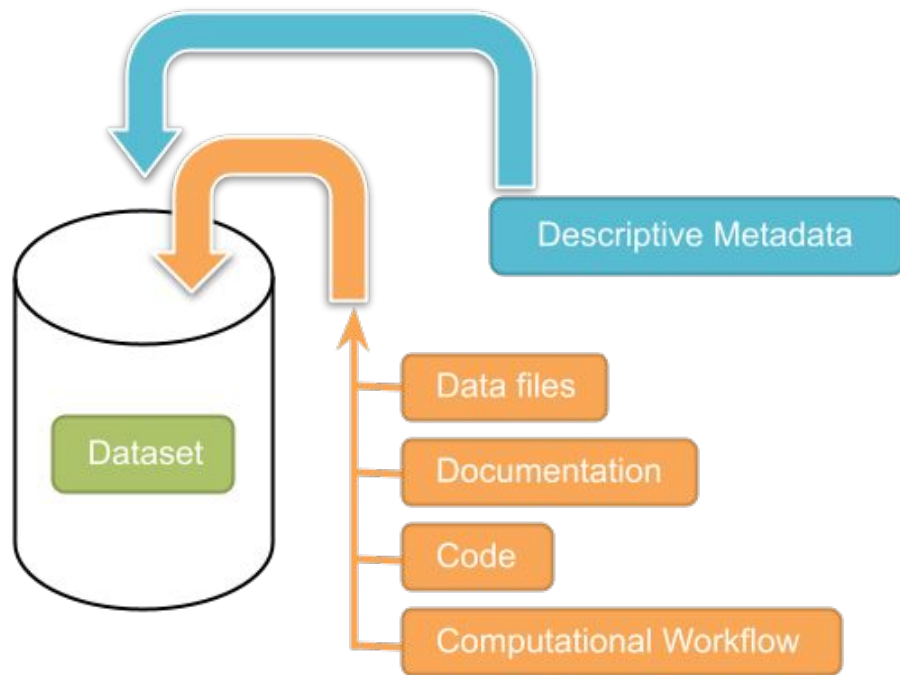
1988 (1)

[More...](#)<https://dataverse.unc.edu/dataverse/ncdocks>

## Deposit a Dataset

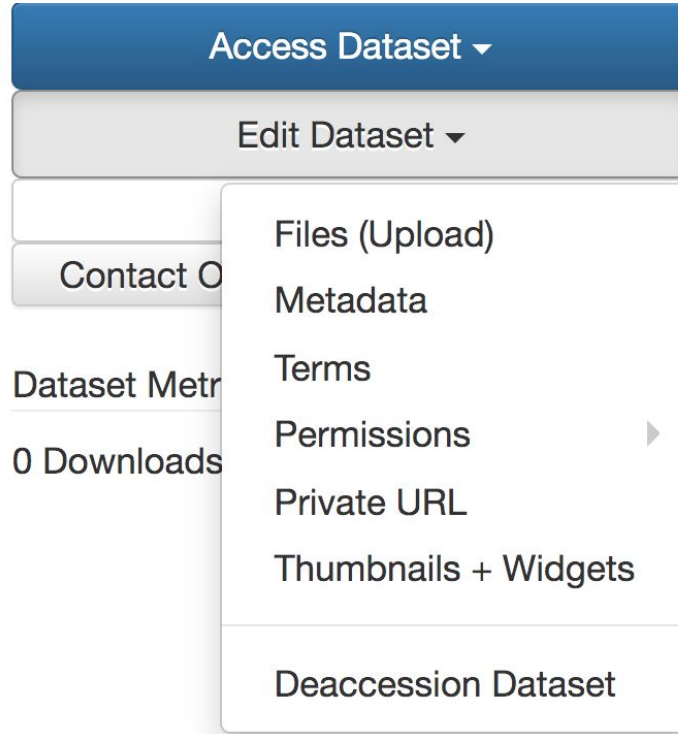
- Supported Metadata
- Adding a New Dataset
- File Upload
- File Handling
- Restricted Files
- Edit Files
- Replace Files
- Terms
- Roles & Permissions
- Data Provenance
- Thumbnails + Widgets
- Publish Dataset
- Submit for Review
- Private URL to Review Unpublished Dataset
- Embargoes
- Dataset Versions
  - Version Details
- Dataset Metrics and Make Data Count
- Cloud Storage + Computing
  - Cloud Computing
  - Cloud Storage Access
- Dataset Deaccession

## Schematic Diagram of a **Dataset** in Dataverse 4.0



**Container for your data, documentation, code, and computational workflow.**

# Datasets - Editing Options



# Datasets: Permissions, Workflows and Roles

### Assign Role

Grant permissions to users and groups by assigning them a role.

**Users/Groups \***

**Role \***

- Admin
- Contributor
- Curator
- File Downloader
- Member

These are the permissions associated with the selected role.

### Grant File Access

Grant file access to users and groups.

**Users/Groups**

Selecting 0 of 20 Restricted Files

	File Name
<input type="checkbox"/>	00097_Early_Head_Start_B1C_ruf.sd2
<input type="checkbox"/>	00097_Early_Head_Start_B1C_ruf.tab
<input type="checkbox"/>	00097_Early_Head_Start_B1H_ruf.sd2
<input type="checkbox"/>	00097_Early_Head_Start_B1H_ruf.tab
<input type="checkbox"/>	00097_Early_Head_Start_B2C_ruf.sd2
<input type="checkbox"/>	00097_Early_Head_Start_B2C_ruf.tab
<input type="checkbox"/>	00097_Early_Head_Start_B2H_ruf.sd2
<input type="checkbox"/>	00097_Early_Head_Start_B2H_ruf.tab
<input type="checkbox"/>	00097_Early_Head_Start_B2K_ruf.sd2
<input type="checkbox"/>	00097_Early_Head_Start_B2K_ruf.tab

# Datasets

**Description** ⓘ

A sub-national field assessment of land degradation was conducted in the Kongwa districts of Tanzania in December 2019. 34 sampling plots were selected using a stratified sampling method based on a land cover map. One site that hosts Africa RISING technologies on land rehabilitation was purposely selected to act as a control. The primary sampling plots measured 100\*100m and were subdivided into replicate sub-plots measuring 30x30m. A sub-sample of 3 sub-plots was selected in each primary plot for assessment of land degradation. The observations from 3 subplots (30\*30) were averaged to obtain an aggregate value for the larger plot (100x100m). The antecedent biophysical conditions in the sampling plot were recorded i.e. the land use, degree of slope, topographical position, soil color, crop types grown and land tenure. The percentage of area that was undegraded by 2019/2020 was also estimated (available).

[Read full Description \[+\]](#)

**Subject** ⓘ

Agricultural Sciences

**Keyword** ⓘ

land degradation, sustainable agriculture, soil erosion, TANZANIA, EAST AFRICA, AFRICA SOUTH OF SAHARA, AFRICA

**Notes** ⓘ



If you are interested in accessing restricted datasets, kindly fill out this [data use agreement form](#).

Files   **Metadata**   Terms   Versions

Search this dataset...

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File Type: All ▾   Access: All ▾   File Tag: All ▾

1 to 2 of 2 Files

<input type="checkbox"/>	 <b>Field_protocol</b> Adobe PDF - 334.1 KB Published May 26, 2021 0 Downloads MD5: 041...e2d 	<input type="button" value="Download"/>
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# Datasets - Files

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[Field\\_protocol](#)

Adobe PDF - 334.1 KB

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0 Downloads

MD5: 041...e2d



[landDegradation\\_SLM\\_Kongwa.tab](#)

Tabular Data - 9.9 KB

Published May 26, 2021

0 Downloads

73 Variables, 34 Observations UNF:6:jU30...iuQ==



Data

# Datasets - Tabular Files

The screenshot displays a list of four tabular datasets in a catalog interface. Each entry includes a file icon, a title, file size, publication date, download count, and variable/observation statistics. Below each entry are tags for 'Data', 'Bauchi', and 'Survey'. A dropdown menu is open for the first dataset, showing options for file access and download. Two red arrows point from the 'View Data' and 'Data Explorer' options in the dropdown to the right side of the image.

File Name	Size	Published	Downloads	Variables	Observations	UNF
004_SectionA1_HHD15yrsandabove.tab	26.5 KB	May 7, 2021	3	13	852	UNF:6:k4D7...x2w==
005_SectionA2_Childbelow15.tab	5.8 KB	May 7, 2021	1	11	212	UNF:6:K7Eg...h7w==
006_SectionB1_MigrationandInsecurity.tab	11.3 KB	May 7, 2021	1	9	211	UNF:6:FJOT...o3w==
007_SectionB2_ImpactofMigration.tab	15.1 KB	May 7, 2021	0	0	0	UNF:6:K7Eg...h7w==

- File Access
- Public
- Download Options
- Stata 14 Binary (Original File Format)
- Tab-Delimited
- RData
- Download Metadata
- Variable Metadata
- Data File Citation
- Explore Options
- View Data
- Data Explorer

<https://guides.dataverse.org/en/latest/user/tabulardataingest/index.html>

# Datasets - Tabular Files

## Supported File Formats

Tabular Data ingest supports the following file formats:

File format	Versions supported
SPSS (POR and SAV formats)	7 to 22
STATA	4 to 15
R	up to 3
Excel	XLSX only (XLS is NOT supported)
CSV (comma-separated values)	(limited support)

See the subsections in the left sidebar for more information on each of these supported formats.

# Datasets - Tabular Files/Data Explorer

## Third National Fadama Development Financing II Impact Study Household Survey in Bauchi

### 004\_SectionA1\_HHD15yrsandabove.tab

International Food Policy Research Institute (IFPRI), 2021, "Third National Fadama Development Financing II Impact Study Household Survey in Bauchi", <https://doi.org/10.7910/DVN/AEROHZ>, Harvard Dataverse, V1, UNF:6:tU65LD7Bc0cPPs7DKCBHQ== [fileUNF]

ID	Name	Label	C
22529304	householdid	household ID	
22529305	memname	Name of HH member who is above 15 years old	
22529302	age	Age of member	
22529309	reltohhh	Relationship to household head	7
22529307	othreltohh	Other relationship to household head (specify)	
22529311	gender	Gender of member	2
22529301	educvl	Highest Level of education	9
22529299	othereducvl	Other level of education(specify)	
22529303	priactivity16	Primary activity in 2016	2
22529308	othpriactivity16	Other primary activity(specify)in 2016	

Chart View Table View

#### Variable educvl: Highest Level of education

Values	Categories
8	Koranic education
5	Some secondary education (Incl. Junior secondary school)
2	Adult literacy training
1	No formal education
99	Others
7	Post-secondary education
6	Completed secondary education
3	Some primary education
4	Completed primary education

#### Summary Statistics

#### Variable othpriactivity16: Other primary activity(specify)in 2016

Values	Categories
--------	------------

#### Summary Statistics

#### Variable priactivity16: Primary activity in 2016

Values	Categories
14	Student in school (any type)
2	Livestock production
7	Transportation business
10	Construction
18	Artisans(Incl. Mechanics)
3	Fisheries
12	Public sector employment
13	Domestic duties
4	Forest production and/or harvesting
15	Retired

<https://guides.dataverse.org/en/latest/user/tabulardataingest/index.html>

<https://github.com/scholarsportal/dataverse-data-explorer-v2>

# Datasets - File Previewer

Preview Metadata Versions

Explore on View Data

	householdid	memname	age	reltohh	otherreltohh	gender	educlvl	othereduclvl	priactvty16	othpriactvty16	priactvty18
5	2060154		25	3		1	7		14		14
6	2060154		18	3		2	5		14		14
7	2060156		61	1		1	4		6		1
8	2060156		17	3		2	6		14		13
9	2060156		15	3		1	6		14		16
10	2060156		32	2		2	8		18		18
11	2060157		52	1		1	4		5		5
12	2060157		37	2		2	4		5		5
13	2060157		32	3		1	6		5		5
14	2060157		32	3		2	4		8		8
15	2060158		48	1		1	6		5		5
16	2060158		25	2		2	4		8		8
17	2060158		17	3		1	5		14		14
18	2060158		16	3		1	5		5		14
19	2060159		48	1		2	4		7		5
20	2060159		21	3		1	5		6		14
21	2060159		17	3		2	5		6		14
22	2060159		15	3		2	4		2		13
23	2060160		80	1		1	3		3		4
24	2060160		50	2		2	4		6		4
25	2060160		30	3		1	5		8		16
26	2060160		25	3		2	4		5		16
27	2060161		70	1		1	4		8		8
28	2060161		50	2		2	1		8		5
29	2060161		30	3		1	6		5		8
30	2060152		27	3		1	6		5		14
31	2060153		48	1		2	4		1		8

# Datasets - GeoJSON Previewer

This file is part of "GeoJSON Example".

Version 1.0

## File Citation

Durbin, Philip, 2022, "wikipedia.geojson", GeoJSON Example, <https://doi.org/10.70122/FK2/GFBLSO/STJASJ>, Demo Dataverse, V1

[Cite Data File -](#) [Learn about Data Citation Standards.](#)

## Dataset Citation

Durbin, Philip, 2022, "GeoJSON Example", <https://doi.org/10.70122/FK2/GFBLSO>, Demo Dataverse, V1

[Cite Dataset -](#) [Learn about Data Citation Standards.](#)

Access File -

Contact Owner

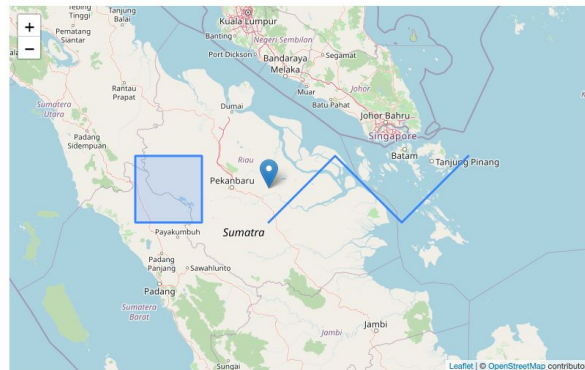
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File Metrics

4 Downloads

Preview Metadata Versions

Open in New Window



Previewers originally developed by ODRI and maintained at <https://github.com/GlobalDataverseCommunityConsortium/dataverse-previewers>. Feedback and contributions welcome.

<https://github.com/GlobalDataverseCommunityConsortium/dataverse-previewers>

# Datasets - File Level Embargo


Access: EmbargoedThenPublic ✕

1 to 4 of 4 Results Sort ▾

- Kenya\_COVID19\_R4\_codebook\_responsecode.tab** **Embargoed**  
Mar 24, 2022 - COVID-19 Impact on Rural Men and Women in Kenya, Round 4  
Tabular Data - 22.3 KB - 6 Variables, 648 Observations - UNF:6:9Mrp...qEw== 📄  
[Codebook](#) [Documentation](#)
- Kenya\_COVID19\_R4\_codebook.tab** **Embargoed**  
Mar 24, 2022 - COVID-19 Impact on Rural Men and Women in Kenya, Round 4  
Tabular Data - 25.3 KB - 7 Variables, 285 Observations - UNF:6:bV12...CVQ== 📄  
[Codebook](#) [Documentation](#)
- Kenya\_COVID19\_R4\_questionnaire.tab** **Embargoed**  
Mar 24, 2022 - COVID-19 Impact on Rural Men and Women in Kenya, Round 4  
Tabular Data - 51.6 KB - 23 Variables, 333 Observations - UNF:6:n+ Ae...L3A== 📄  
[Documentation](#) [Questionnaire](#)
- Kenya\_COVID19\_R4.tab** **Embargoed**  
Mar 24, 2022 - COVID-19 Impact on Rural Men and Women in Kenya, Round 4  
Tabular Data - 243.3 KB - 285 Variables, 507 Observations - UNF:6:dZz1...M6Q== 📄  
[Data](#) [Panel](#) [Survey](#)

- Edit Options ✎
- Metadata
- Restrict
- Replace
- Embargo
- Delete

File Metadata ▾

Preview 

File Tags [Data](#) [Panel](#) [Survey](#)

File UNF UNF:6:dZz15Xn5H4XY+gy4SyOM6Q==

Original File MD5 d892505e28783d6b5be3cf1588f9e148

Deposit Date 2022-03-01

Metadata Release Date 2022-03-24

Publication Date Embargoed until 2023-07-31

Size 243.3 KB

Type Tab-Delimited

Variables 285

Observations 507

Harvard Dataverse > IFPRI Dataverse >

## COVID-19 Impact on Rural Men and Women in Kenya, Round 4

**Embargoed** Version 1.0

# Datasets - Metadata

## Metadata Fields

Choose the metadata fields to use in dataset templates and when adding a dataset to this dataverse.

- Use metadata fields from Harvard Dataverse
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- Social Science and Humanities Metadata [\[+\] View fields](#)
- Astronomy and Astrophysics Metadata [\[+\] View fields](#)
- Life Sciences Metadata [\[+\] View fields](#)
- Journal Metadata [\[+\] View fields](#)

Files Metadata Terms Versions

Export Metadata ▾

Citation Metadata ▲

**Dataset Persistent ID** doi:10.7910/DVN/HADLCK

**Publication Date** 2021-05-26

**Title** Assessment of Land Degradation in Semi-Arid Zone of Central Tanzania

**Author** International Institute of Tropical Agriculture (IITA)  
University of Bonn, Germany

**Contact** Use email button above to contact.  
Muthoni, Francis (International Institute of Tropical Agriculture (IITA))

**Description** A sub-national field assessment of land degradation was conducted in the Kongwa districts of Tanzania in December 2019. 34 sampling plots were selected using a stratified sampling method based on a land cover map. One site that hosts Africa RISING technologies on land rehabilitation was purposely selected to act as a control. The primary sampling plots measured 100\*100m and were subdivided into replicate sub-plots measuring 30x30m. A sub-sample of 3 sub-plots was selected in each primary plot for assessment of land degradation. The observations from 3 subplots (30\*30) were averaged to obtain an aggregate value for the larger plot (100x100m). The antecedent biophysical conditions in the sampling plot were recorded i.e. the land use, degree of slope, topographical position, soil color, crop types grown and land tenure. The percentage of area that was undegraded in each plot was also estimated visually.  
A questionnaire for mapping land degradation and sustainable land management was applied for visual assessment of the type, extent, degree, and direct causes of land degradation. The different types of land degradation, for example erosion by water, were scored whether they are present or not, in addition to their extent and degree (intensity). The extent represented the proportion of a sub-plot covered by different types of land degradation, the degree was divided into 4 classes in ascending order of intensity of land degradation (0 = Light, 1 = Moderate, 2 = Strong, 3 = Severe). Moreover, the type, purpose, extent, and effectiveness of sustainable land management practices (SLM) were visually assessed in every subplot. Data were recorded using the mobile-based KoboCollect toolbox and transmitted to a cloud database for storage and descriptive analysis.


**Subject** Agricultural Sciences

**Keyword** land degradation (AGROVOC) [http://aims.fao.org/aos/agrovoc/c\\_34823](http://aims.fao.org/aos/agrovoc/c_34823)  
sustainable agriculture (AGROVOC) [http://aims.fao.org/aos/agrovoc/c\\_33561](http://aims.fao.org/aos/agrovoc/c_33561)  
soil erosion (AGROVOC) [http://aims.fao.org/aos/agrovoc/c\\_2351](http://aims.fao.org/aos/agrovoc/c_2351)  
TANZANIA (AGROVOC) [http://aims.fao.org/aos/agrovoc/c\\_7608](http://aims.fao.org/aos/agrovoc/c_7608)  
EAST AFRICA (AGROVOC) [http://aims.fao.org/aos/agrovoc/c\\_2442](http://aims.fao.org/aos/agrovoc/c_2442)  
AFRICA SOUTH OF SAHARA (AGROVOC) [http://aims.fao.org/aos/agrovoc/c\\_166](http://aims.fao.org/aos/agrovoc/c_166)  
AFRICA (AGROVOC) [http://aims.fao.org/aos/agrovoc/c\\_165](http://aims.fao.org/aos/agrovoc/c_165)

**Topic Classification** Natural resources (AGROVOC) [http://aims.fao.org/aos/agrovoc/c\\_5091](http://aims.fao.org/aos/agrovoc/c_5091)  
Sustainable agriculture (AGROVOC) [http://aims.fao.org/aos/agrovoc/c\\_33561](http://aims.fao.org/aos/agrovoc/c_33561)

**Notes** If you are interested in accessing restricted datasets, kindly fill out this data use agreement form.

**Language** English

**Producer** International Institute of Tropical Agriculture (IITA) <https://www.iita.org/> 



# Datasets - Versions

Files	Metadata	Terms	Versions
Dataset	Summary	Contributors	Published
1.0	This is the first published version.	IFPRI KM	May 26, 2021

<https://dataverse.org/files/dataverseorg/files/metadataprovenance-mercecosas.pdf>

# Datasets - Deaccession

Replication Data for: Democratic Subversion: Elite Cooptation and Opposition Fragmentation

Deaccessioned



Jun 8, 2021

Arriola, Leonardo R.; DeVaro, Jed; Meng, Anne, 2021, "Replication Data for: Democratic Subversion: Elite Cooptation and Opposition Fragmentation", <https://doi.org/10.7910/DVN/GHDKSY>, Harvard Dataverse, V1, DEACCESSIONED VERSION, UNF:6:Nk/xhGPVreurGI55KFcKrQ== [fileUNF]

The dataset has been transferred to another repository

# Summary

- The Dataverse Project facilitates the creation of digital repositories to ensure that the data are high quality, properly documented, organized, and accessible.
- Metadata is an essential component of the Dataverse Project
- Best Practices in a Dataverse repository; Collection creation and customization, dataset creation and file uploads, publishing workflows, and Q&A to ensure FAIR

Create an Account and Collection:  
<https://demo.dataverse.org/> and test  
the Dataverse software! (content is removed  
every 30 days)