GREI Generalist Repository Ecosystem Initiative

Meet the GREI Repositories

October 12, 2022

GREI Collaborative Webinar Series

GREI

Generalist Repository Ecosystem Initiative

NIH

The Dataverse® Project

OSF

figshare

DRYAD

MENDELEY DATA

Vivli

CENTER FOR GLOBAL CLINICAL RESEARCH DATA

zenodo

Meet our Speakers

Ishwar Chandramouliswaran
GREI Program Director, NIH ODSS

Sonia Barbosa, Manager of Curation, Harvard Dataverse

Jennifer Gibson, Executive Director, Dryad

Ana Van Gulick, PhD, Government and Funder Lead, Head of Data Review, Figshare

Meet our Speakers

Luca Belletti, Product Manager, Digital Commons Data/Mendeley Data

Eric Olson, Product Manager, Center for Open Science (Open Science Framework)

Ida Sim, MD, PhD, Professor of Medicine and Computational Precision Health, UCSF, Vivli

Sara Gonzales, Senior Data Librarian, Northwestern University, Zenodo

MENDELEY DATA

OSF

Vivli
CENTER FOR GLOBAL CLINICAL RESEARCH DATA

zenodo

Generalist Repository Ecosystem Initiative

GREI Program – Include GR's in the NIH Data Ecosystem via the Concept of "*Co-opetition*"

work together on Common Capabilities & Best-practices

Expected Outcomes & Impact

Implement consistent capabilities (NOT-OD-21-016)	Make data sharing easier
Create better access to & discovery of NIH funded data	Improve discoverability
Conduct outreach & train on FAIR data practices	Increase reproducibility of research
Engage the research community	Encourage secondary use of data

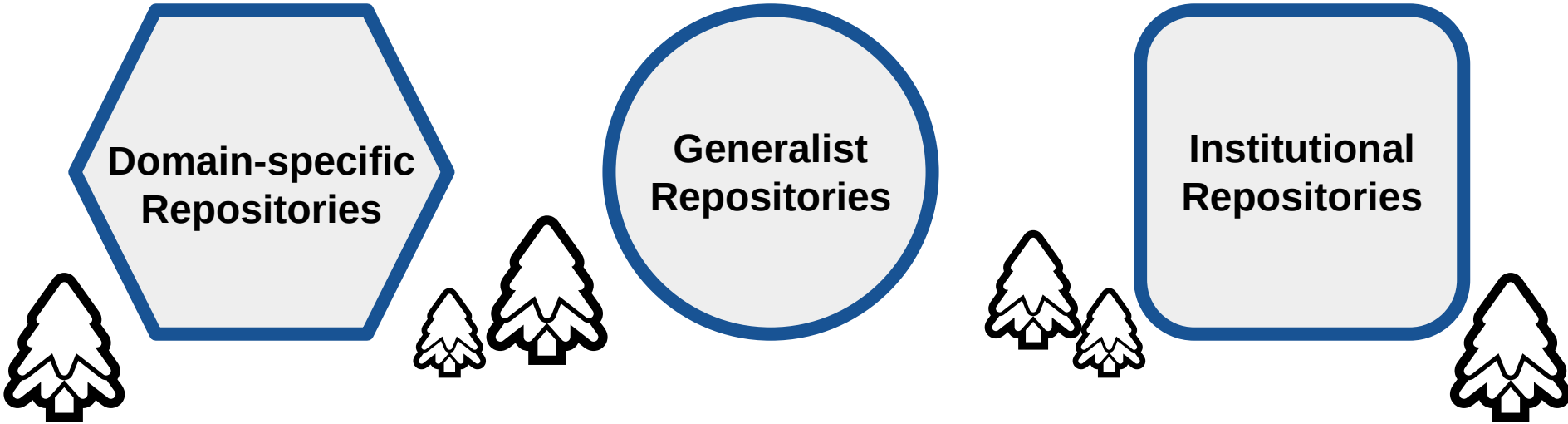
The Dataverse Project · DRYAD · figshare · MENDELEY DATA · OSF · Vivli CENTER FOR GLOBAL CLINICAL RESEARCH DATA · zenodo

GREI Fact Sheet

https://doi.org/10.6084/m9.figshare.21318270

Generalist Repository Features

NIH Research Data Ecosystem



Desirable Characteristics of Data Repositories

When choosing a repository to manage and share data resulting from Federally funded research, here are some desirable characteristics to look for:

- **Unique Persistent Identifiers**
- **Long-Term Sustainability**
- **Metadata**
- **Curation and Quality Assurance**
- **Free and Easy Access**
- **Broad and Measured Reuse**
- **Clear User Guidance**
- **Security and Integrity**
- **Confidentiality**
- **Common Format**
- **Provenance**
- **Retention Policy**

Guidance set forth by NIH

And by The National Science and Technology Council, cited in OSTP guidance

Generalist Repository Comparison Chart

This chart is designed to assist researchers in finding a generalist repository should no domain repository be available to preserve their research data. Generalist repositories accept data regardless of data type, format, content, or disciplinary focus. For this chart, we included a repository available to all researchers specific to clinical trials (Vivli) to bring awareness to those in this field.

doi: 10.5281/zenodo.3946720

https://fairsharing.org/collection/GeneralRepositoryComparison

TOPIC	HARVARD DATAVERSE	DRYAD	FIGSHARE	MENDELEY DATA	OSF	VIVLI	ZENODO
Brief Description	Harvard Dataverse is a free data repository open to all researchers from any discipline, both inside and outside of the Harvard community, where you can share, archive, cite, access, and explore research data.	Open-source, community-led data curation, publishing, and preservation platform for CC0 publicly available research data Dryad is an independent non-profit that works directly with: • researchers to publish datasets utlizing best practices for discovery and reuse • publishers to support the integration of data availability statements and data citations into their workflows • institutions to enable scalable campus support for research data managment best practices at low cost	A free, open access, data repository where users can make all outputs of their research available in a discoverable, reusable, and citable manner. Users can upload files of any type and are able to share diverse research products including datasets, code, multimedia files, workflows, posters, presentations, and more. With discoverable metadata supporting FAIR principles, file visualizations, and integrations, researchers can make their work more impactful and move research further faster.	Mendeley Data is a free repository specialized for research data. Search more than 20+ million datasets indexed from 1000s of data repositories and collect and share datasets with the research community following the FAIR data principles.	OSF is a free and open source project management tool that supports researchers throughout their entire project lifecycle in open science best practices.	Vivli is an independent, non-profit organization that has developed a global data-sharing and analytics platform. Our focus is on sharing individual participant-level data from completed clinical trials to serve the international research community.	Powering Open Science, built on Open Source. Built by reserachers for researchers. Run from the CERN data centre, whose purpose is long term preservation for the High Energy Physics discipline, one of the largest scientific datasets in the world
Size limits	No byte size limit per dataset. Harvard Dataverse currently sets a file size limit of 2.5GB.	300GB/dataset	Soft limit of 20GB/file for free accounts. System limit of 5000GB/file. Unlimited storage of public data but 20GB storage for private data for free accounts. Email info@figshare.com to have upload and storage limits raised.	10GB per dataset	Projects currently have not storage limit. There is a 5GB/file upload limit for native OSF Storage. There is no limit imposed by OSF for the amount of storage used across add-ons connected to a given project.	If more than 10GB per study data, reach out to us	50GB per dataset, contact us via https://zenodo.org/support for higher limits
Storage space per researcher	1 TB per researcher	No limit	No limit	No limit	No limit	No limit	No limit
Persistent, Unique Identifier Support	DOI, Handle	DOI	DOI	DOI	DOI	DOI	DOI

https://doi.org/10.5281/zenodo.3946719 (Updated version 2!)

Common features and unique features

Common:

Core Metadata
Persistent Identifiers
Discoverable
Flexibility
Open access, FAIR
Metrics

Unique:

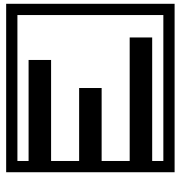
Output types
Storage, size limits
Licenses
Review
Controlled Access
Visualization
Costs

A few questions for you:
A Zoom Poll

1. What is your role in NIH Data Sharing?

1. Have you published data in a repository previously?

1. What do you feel are the biggest barriers to data sharing for you?



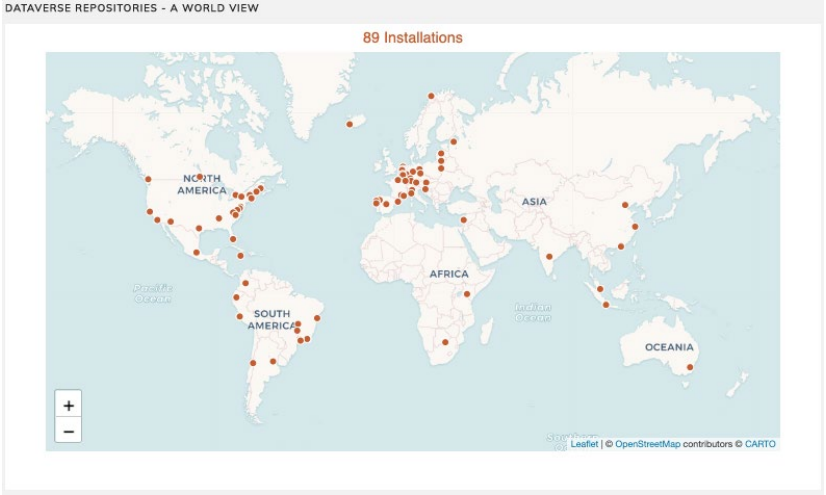
Let’s meet our GREI repositories

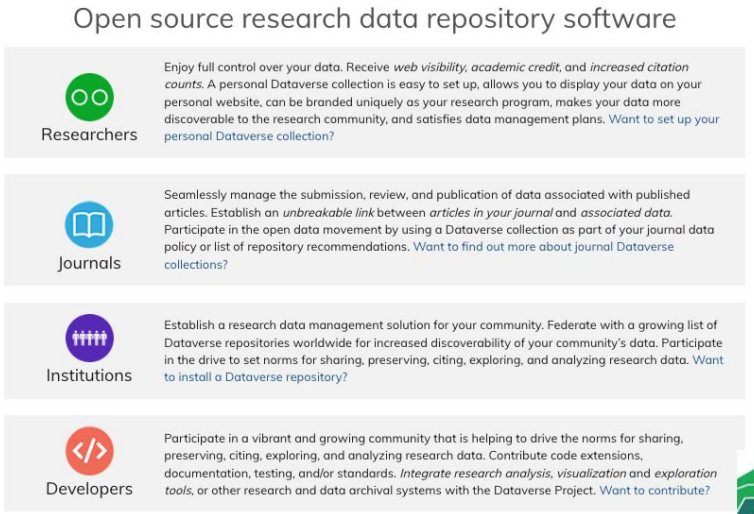
Dataverse

Dataverse

Dataverse World-wide Community (dataverse.org)

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





Harvard Dataverse

Current Features

Dataverse Collections

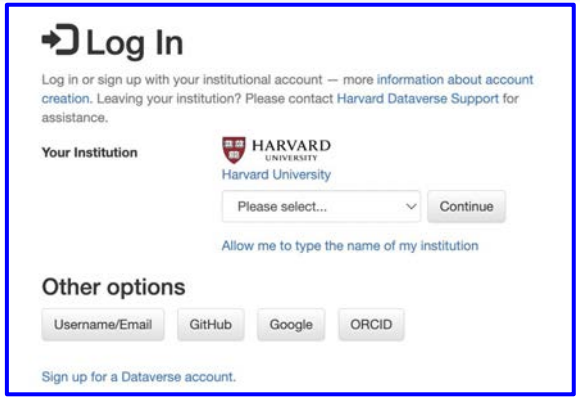
- Own administration
- Own branding (and can be embedded anywhere)

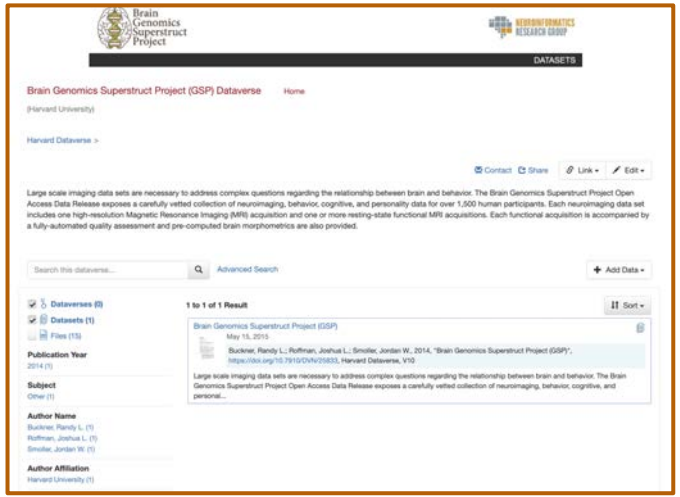
Datasets

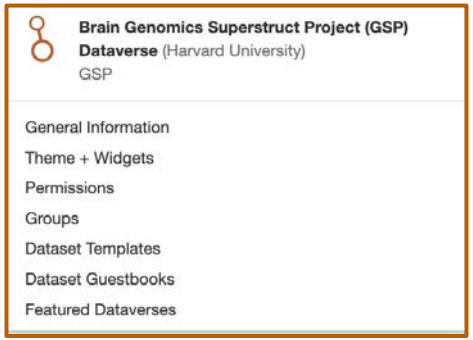
- Citation
- Metadata
- Versioning
- Private URL
- Custom Terms/Multiple License/Permissions
- Guestbooks
- Publishing Workflows

Files

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







Harvard Dataverse

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, CEDAR, MeSH)

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

Harvard Dataverse

Current Features

Dataverse Collections

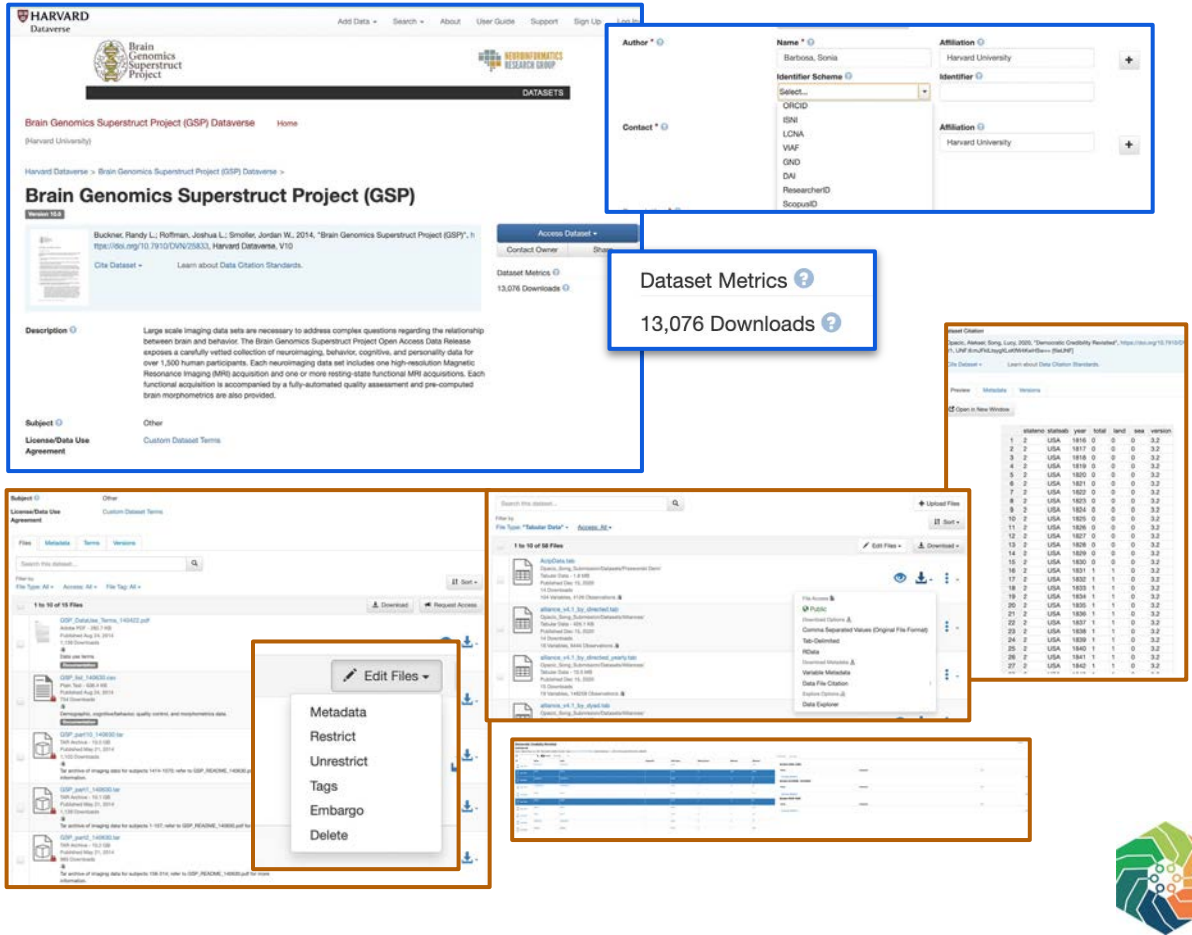
- Own administration
- Own branding (and can be embedded anywhere)

Datasets

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

Files

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



Harvard Dataverse

- 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

https://dataverse.org/software-features

Dryad

DRYAD

An **open data publishing platform & community** committed to the **open availability and routine re-use** of all research data

- ➔ Not for profit
- ➔ Started by researchers
- ➔ Connected to the publishing workflow
- ➔ Supported by institutions

- ➔ Serving all research domains
- ➔ Leader in research data
- ➔ Interconnected
- ➔ Fully curated

Dryad is best for data that:

1. Doesn't have a home in a specialist repo
2. Can be released under a CC0 license
3. Is intended for reuse

Focus on reuse

https://bit.ly/dryad-reuse

Figshare

10 years of figshare

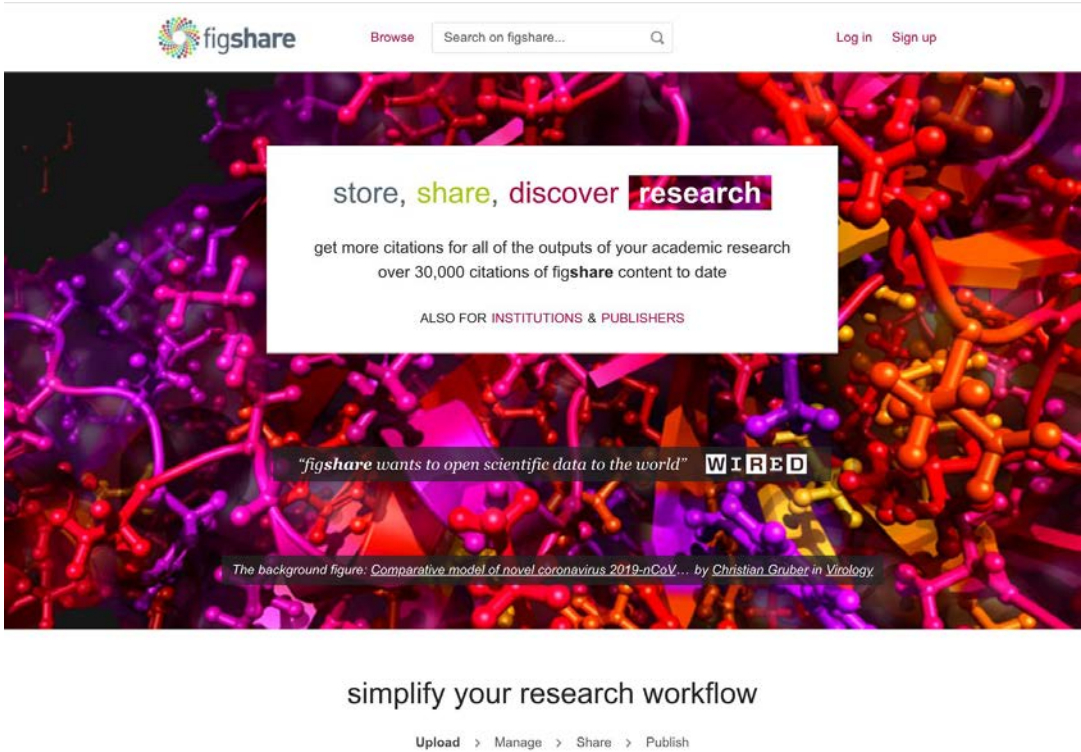
4 million+ research outputs

500,000+ users

100s of TBs of data stored

100,000+ citations

80+ Research Organizations



figshare

a freely available generalist repository for all research disciplines and outputs

figshare.com

Flexibility

- Share any research output or file type
- Files up to 20GB, Support for big datasets
- Preview files in the browser
- Collections

Researcher Workflows

- Open API and FTP
- GitHub, GitLab, BitBucket Integrations
- Collaborative spaces
- Restricted Access

Persistent Metadata

- Unique DOI for each output, reservable
- ORCID integration
- Link to publications
- Link Funding via Dimensions

Open Access

- Open Access to all public files and metadata
- CC0 and CC-BY Licenses
- Discoverable across search engines, indexes
- FAIR commitment

Impact

- Public Author Profile
- Views, Downloads, Citations, Altmetrics
- Citations from full text literature
- Faceted Search

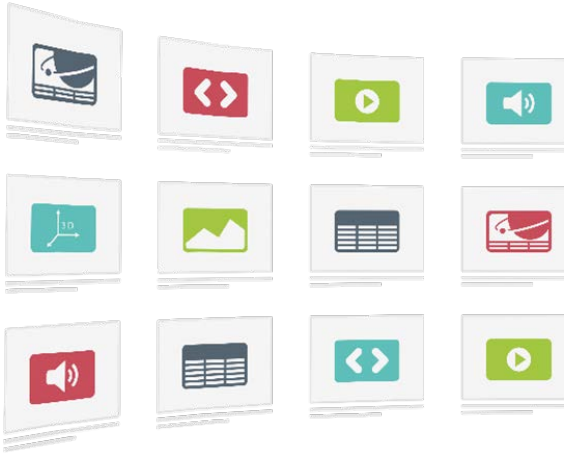
figshare +

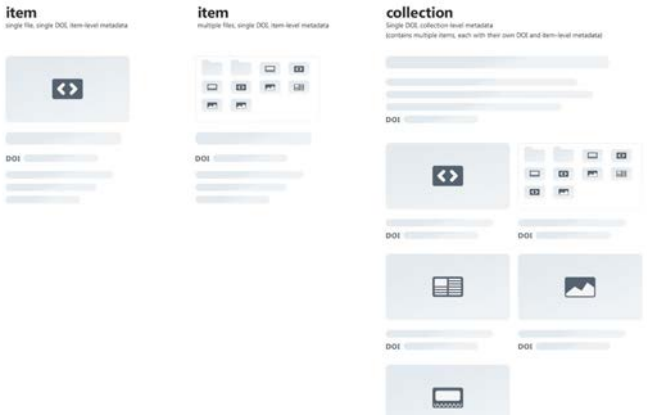
a FAIR repository for big data

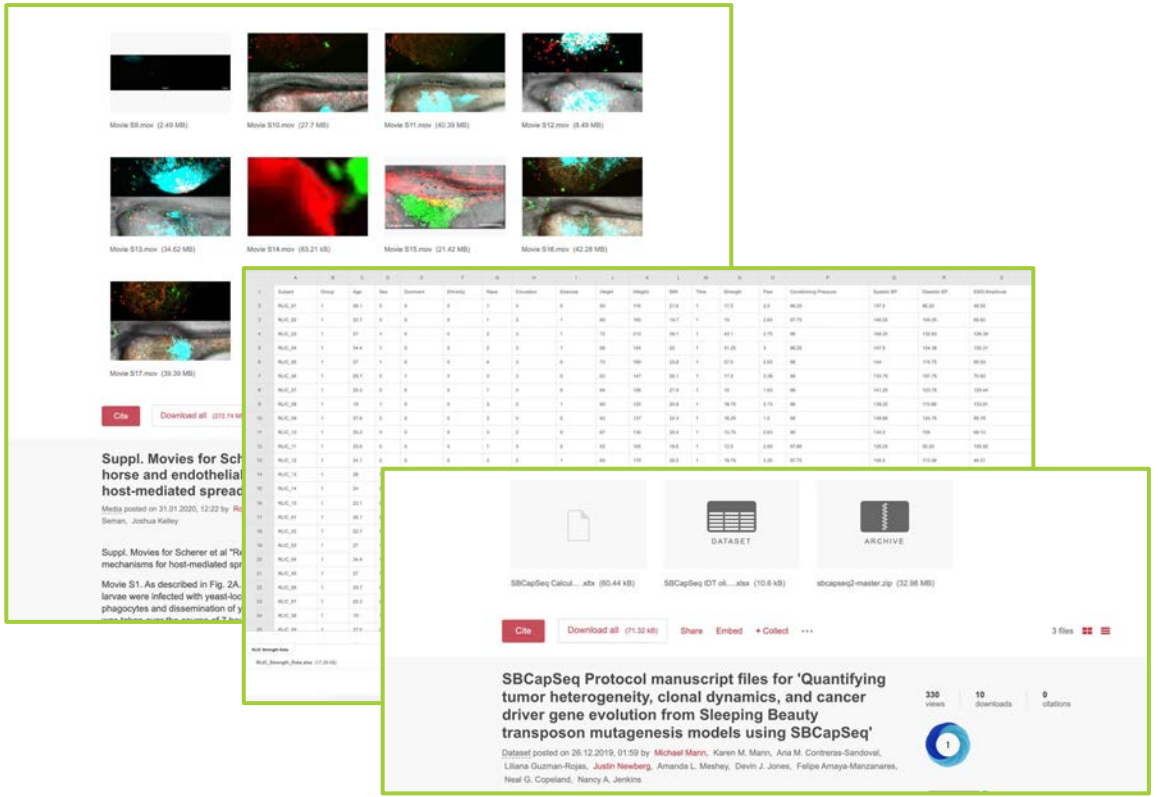
plus.figshare.com

- Publish datasets over 20GB+ to 5TB or more
- File sizes up to 5TB
- Expert deposit support
- Dataset review
- One-time data publishing charge

Many item types, any file, group as items & collections







figshare

Describe your work

needed to publish

Title

Untitled Item

Authors

Ana Van Gulick ×

Search co-authors by name, full email or ORCID. Hit enter after each.

Categories

Select categories

Item type

Select item type

Keyword(s)

Add keywords for easy discovery. Hit enter after each

Description

Describe your data as well as you can. Formatting is preserved when pasting from other sources and counts towards character limits

Funding

Search grant by name/number or add your own

+ Add another grant

References

Link to references or related content

Licence (what's this?)

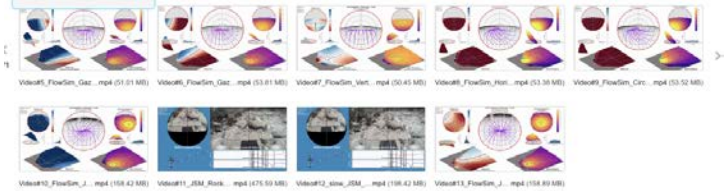
CC BY 4.0

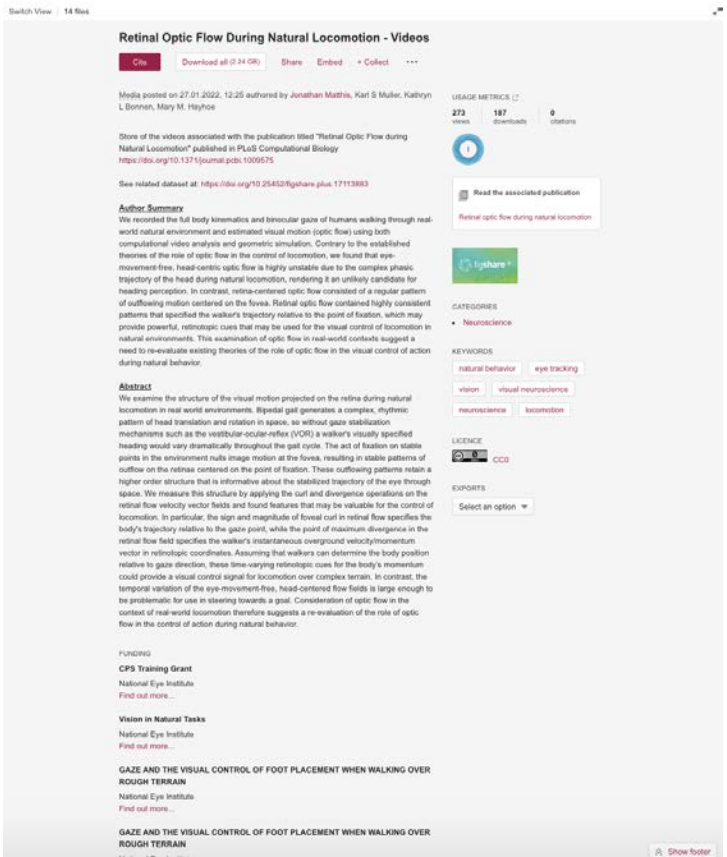
Tips

Use this form to edit all information related to your data. Please be as descriptive as possible. The file upload is independent from the rest of the form, so you don't need to save an upload. This message will be replaced with helpful tips and suggestions as you begin interacting with the form.

Preview item (private)

Edit timeline





Retinal Optic Flow During Natural Locomotion - Videos

Cite | Download all (2.34 GB) | Share | Embed | + Collect

Media posted on 27.01.2022, 12:25 authored by Jonathan Matthis, Karl S Muller, Kathryn L Bonnen, Mary M. Hayhoe

Store of the videos associated with the publication titled "Retinal Optic Flow during Natural Locomotion" published in PLoS Computational Biology
https://doi.org/10.1371/journal.pcbi.1009575

See related dataset at: https://doi.org/10.25452/figshare.plus.17113883

Author Summary

We recorded the full body kinematics and binocular gaze of humans walking through real-world natural environment and estimated visual motion (optic flow) using both computational video analysis and geometric simulation. Contrary to the established theories of the role of optic flow in the control of locomotion, we found that eye-movement-free, head-centric optic flow is highly unstable due to the complex phasic trajectory of the head during natural locomotion, rendering it an unlikely candidate for heading perception. In contrast, retina-centered optic flow consisted of a regular pattern of outflowing motion centered on the fovea. Retinal optic flow contained highly consistent patterns that specified the walker's trajectory relative to the point of fixation, which may provide powerful, retinotopic cues that may be used for the visual control of locomotion in natural environments. This examination of optic flow in real-world contexts suggest a need to re-evaluate existing theories of the role of optic flow in the visual control of action during natural behavior.

Abstract

We examine the structure of the visual motion projected on the retina during natural locomotion in real world environments. Bipedal gait generates a complex, rhythmic pattern of head translation and rotation in space, so without gaze stabilization mechanisms such as the vestibular-ocular-reflex (VOR) a walker's visually specified heading would vary dramatically throughout the gait cycle. The act of fixation on stable points in the environment nulls image motion at the fovea, resulting in stable patterns of outflow on the retinae centered on the point of fixation. These outflowing patterns retain a higher order structure that is informative about the stabilized trajectory of the eye through space. We measure this structure by applying the curl and divergence operations on the retinal flow velocity vector fields and found features that may be valuable for the control of locomotion. In particular, the sign and magnitude of foveal curl in retinal flow specifies the body's trajectory relative to the gaze point, while the point of maximum divergence in the retinal flow field specifies the walker's instantaneous overground velocity/momentum vector in retinotopic coordinates. Assuming that walkers can determine the body position relative to gaze direction, these time-varying retinotopic cues for the body's momentum could provide a visual control signal for locomotion over complex terrain. In contrast, the temporal variation of the eye-movement-free, head-centered flow fields is large enough to be problematic for use in steering towards a goal. Consideration of optic flow in the context of real-world locomotion therefore suggests a re-evaluation of the role of optic flow in the control of action during natural behavior.

FUNDING

CPS Training Grant
National Eye Institute
Find out more...

Vision in Natural Tasks
National Eye Institute
Find out more...

GAZE AND THE VISUAL CONTROL OF FOOT PLACEMENT WHEN WALKING OVER ROUGH TERRAIN
National Eye Institute
Find out more...

USAGE METRICS
273 views | 187 downloads | 0 citations

Read the associated publication
Retinal optic flow during natural locomotion

CATEGORIES
- Neuroscience

KEYWORDS
natural behavior | eye tracking | vision | visual neuroscience | neuroscience | locomotion

LICENCE
CC0

EXPORTS
Select an option

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Author Profiles

Metrics

Associated Paper

Description for discovery & reuse

License

Funding
Link to
NIH awards

Mendeley Data

Mendeley Data supports **research data management** workflow

Mendeley Data is a **secure**, **cloud-based generalist repository** where you can store data, ensuring it is easy to share, access and cite, wherever you are.

Ensuring compliance and supporting open data

Mendeley Data complies with FAIR data principles to ensure compliance to funder mandates. Metadata for all datasets published in Mendeley Data are available in an open format to facilitate large-scale acquisition and analysis of records—underscoring our commitment to open science.

Secure Storage

To ensure security, data is stored on Amazon's S3 servers. Our service was extensively penetration tested and received certification. Additionally, your valid published datasets are archived in perpetuity to preserve your data long-term. This ensures that the DOIs we provide for datasets will always resolve to a web page, where the dataset metadata and files will be available.

Easy Curation

The Mendeley Data team supports the curation process before datasets are published. Datasets that do not meet the requirements for validity (scientific in nature and consisting of research data) will not become publicly visible. By reviewing your datasets prior to publication, and approving, editing, or returning datasets with comments, the Mendeley Data team helps to keep the quality of your content high.

Improving impact

Published dataset metadata is aggregated to DataCite's metadata index and to the OpenAIRE portal. Metrics on downloads, views and data citations, sourced from DataCite and Crossref, are displayed on each dataset, as well as metrics capturing social media attention.

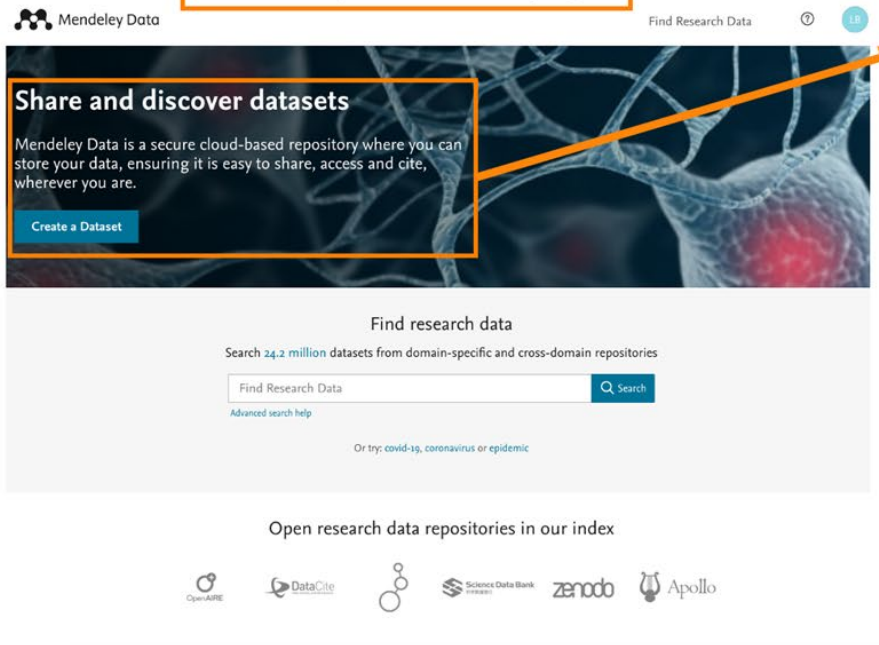
ELSEVIER

Learn more about the benefits of Mendeley Data here: https://data.mendeley.com/ Mendeley Data

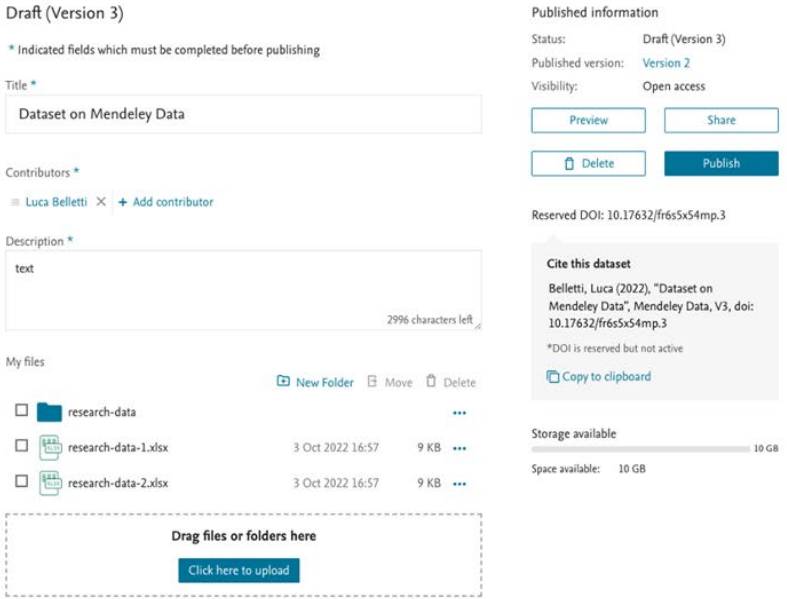
Support for institutions is also available! More information here: https://www.elsevier.com/solutions/digital-commons/data

Mendeley Data at a Glance

Mendeley Data Homepage



Dataset Creation Interface



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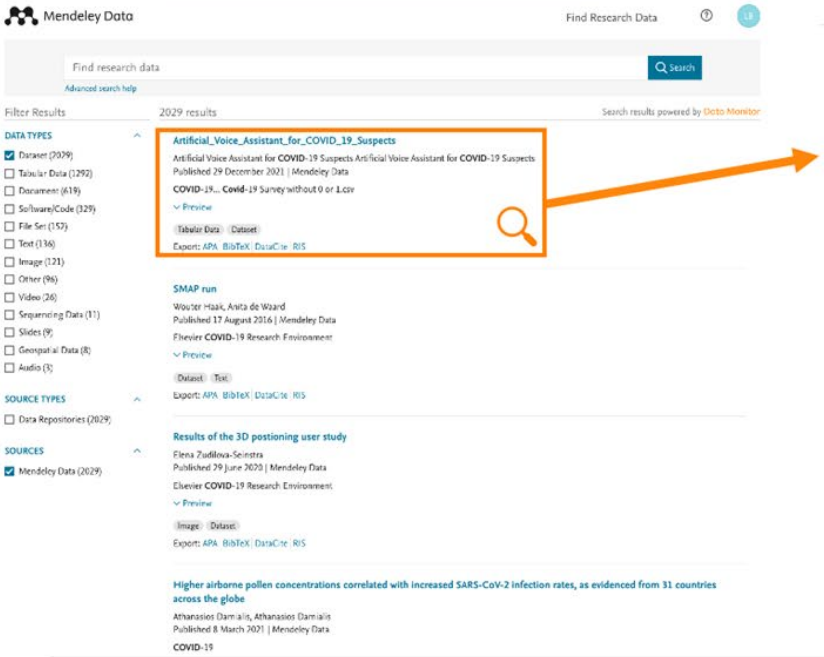
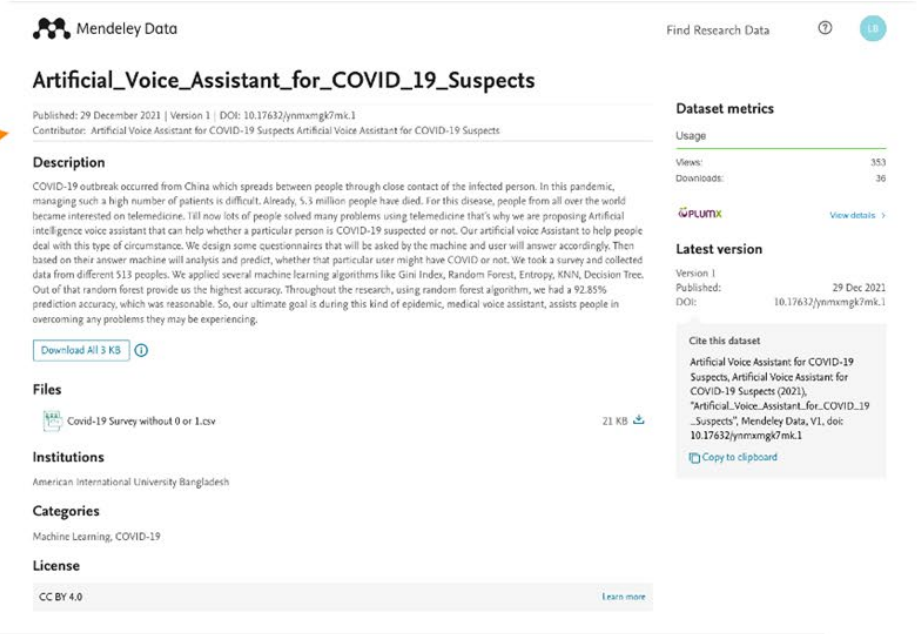
Mendeley Data at a Glance

Dataset Search Results



Dataset view



ELSEVIER

Support for institutions is also available! More information here: https://www.elsevier.com/solutions/digital-commons/data

Open Science Framework

Why We Build Infrastructure

COS Mission: to increase openness, integrity, and reproducibility of research

COS Infrastructure Vision: To empower communities, institutions, and funders to advance rigor and transparency of research.

OSF

OSF and Supporting Research Across the Lifecycle

A free, open source online research platform, designed to support researchers to openly, and transparently share their work at all stages of the research lifecycle.

OSF

OSF and Supporting Research Data Across the Lifecycle

Discover

Find data, papers, protocols, and project plans from across the OSF and additional providers.

Plan

Preregistration enables researchers to describe their hypotheses, variables, and more in a timestamped document before gathering data.

Manage

Bundle your data, files, protocols, narrative and other project dependencies into customizable directories.

Integrate

Connect the storage, preservation, citation, and identifier tools that you already use.

Collaborate

Control access by collaborators or make work open to the public, while relating your outputs with one another.

Document

Use wikis to keep notes or provide context to readers, with version control for wikis and files. Modifications to materials logged and identified.

Share

Share what you want, when you want, with the appropriate license, and with fine-grained control over which aspects of your work are made public.

Public content is indexed Google Scholar, European PubMed, and more.

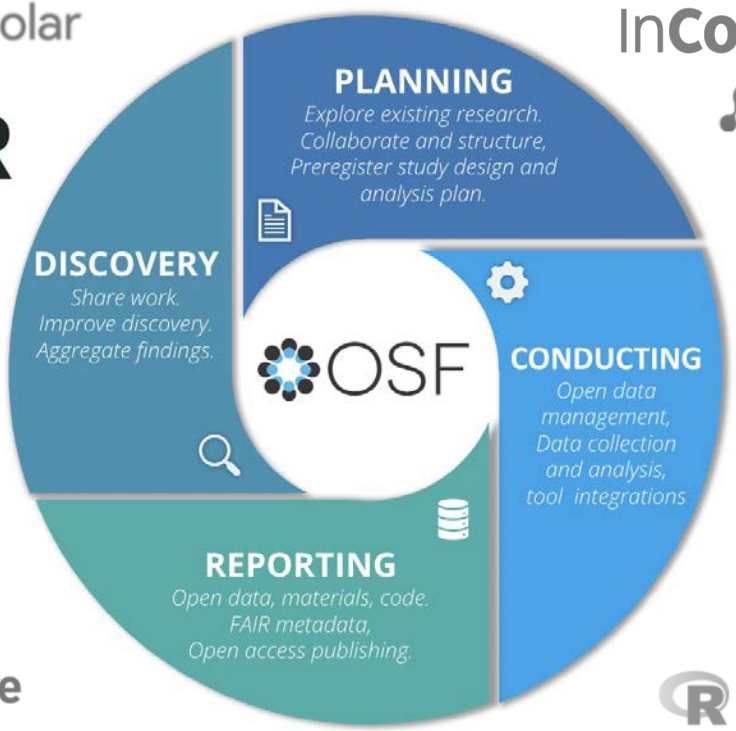
Report

Gain impact insights beyond citation rates including how many people are accessing and downloading your research materials.

Services for communities enable activity aggregation across stakeholders.

OSF

Enabling Connections Across the Research Lifecycle



Google Scholar
Crossref
ROR
ORCID
fundref
The Dataverse® Project
figshare
InCommon®
MENDELEY
zotero
DataCite
GitHub
aws
box

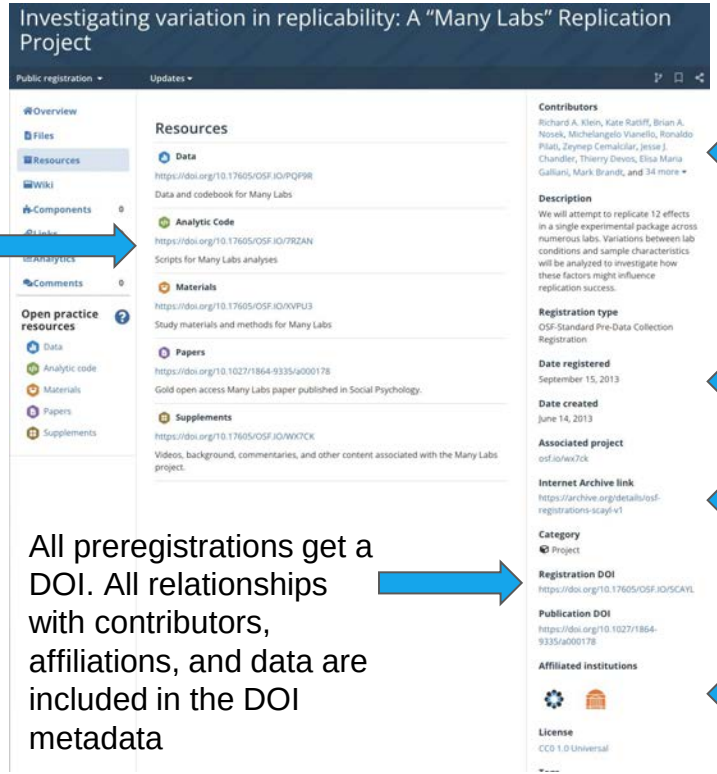
OSF connects the valuable tools researchers and stakeholders use, across the research lifecycle to maximize efficiency and advance openness, transparency, and reproducibility of research.

OSF

Enabling Connections Across the Research Lifecycle

Preregistration

Use DOIs to reliably connect research inputs and outputs including data, code, materials, and other supplements generated as well as resulting publications



All preregistrations get a DOI. All relationships with contributors, affiliations, and data are included in the DOI metadata

https://osf.io/scayl/resources

Provide attribution to all of your collaborators. Acknowledgement will be synced with their ORCID iD if provided

Preregistration timestamp

Preregistrations are backed up on Internet Archive

Verified contributor affiliations

OSF

ROR

ORCID

Connecting Research
and Researchers

DataCite

Vivli

Vivli – The Organization

- Non-profit membership organization

- Sharing individual participant-level data from 6,800 studies

- 43 members from industry, academia, and NIH (BioLINCC, ImmPORT, etc.)

Vivli

Vivli – The Platform

- ✓ A user-friendly, secure, state-of-the art platform that meets all NIH Desirable characteristics

- ✓ We make it as easy as possible to share and analyze NIH-funded human subjects data

  - Submitted data must be anonymized

  - Managed access: data requesters submit request and sign DUA

- ✓ In 2023, we will be implementing CRedIT for research teams who share their data on Vivli

CRT Contributor Roles Taxonomy

Vivli

Vivli's NIH Data Sharing Model

		Current NIH model
1) Vivli supports discoverability of NIH domain repositories		Promotes discoverability of NIH domain repository studies (NCT-IDs) for those datasets available for cross-listing on Vivli (BioLINCC, ImmPort, NIAID, etc.)
2) NIH grantees can directly share their data on Vivli		If no domain repository exists, Vivli will support NIH grantees to share their anonymized data to meet their grant commitments.
3) Data Aggregation		NIH-funded datasets may be aggregated with industry and other datasets on Vivli through either a secure environment or via download

Vivli

Zenodo

zenodo Research. Shared.

Upload

- All file formats accepted
- 50GB per deposit
- GitHub integration

Publish

- Data citation
- Control access levels
- Usage statistics / metrics
- DOI versioning
- File previews
- Link to related research

Describe

- DataCite Metadata Schema
- Custom metadata fields
- Funder integration
- Communities feature
- Wide license selection

Compliance with sharing mandates

- Deposit data files and supporting materials
- Restricted files / embargo
- Private record sharing

Persistent Metadata

- DOIs for all deposits
- Reserve DOI
- PID-enabled metadata fields: ORCiD, subject vocabularies
- FAIR data

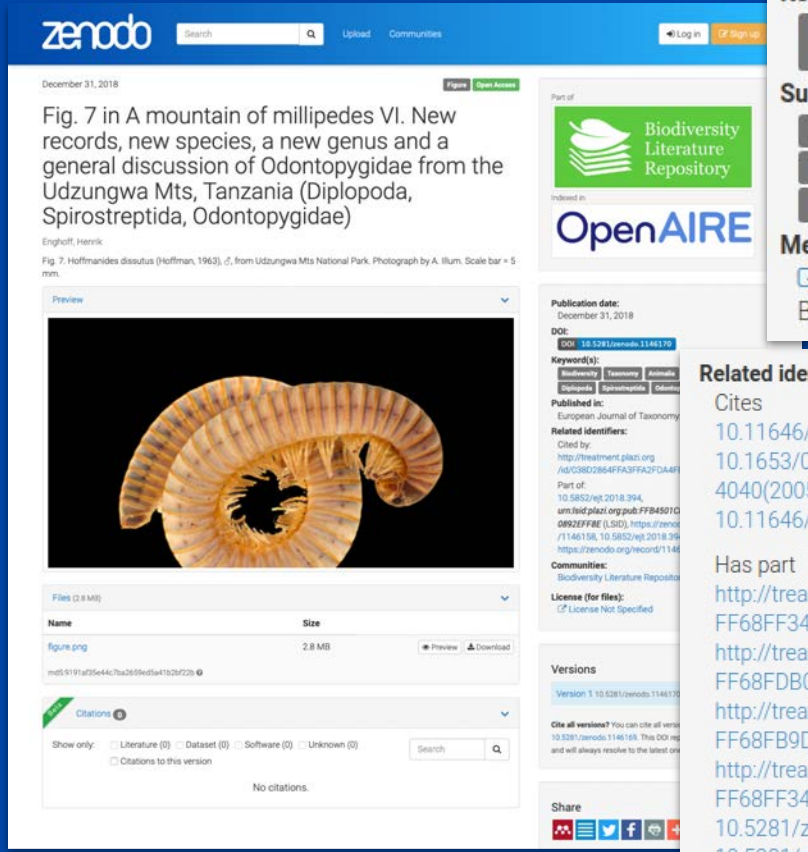
Common Formats

- DataCite
- OAI-PMH
- DublinCore
- JSON
- Schema.org
- REST API
- CSL

CERN

OpenAIRE

Multi-disciplinary - custom metadata



Keyword(s):

PID Graph, research.fi, persistent identifier, interoperability, legal interoperability, research output

Subject(s):

research work | research activity | academic writing | research data | identifiers (information) | interoperability

Meeting:

Pidapalooza 2021, 27-28.01.2021 (Session Block 2, track 2)

Related identifiers:

Cites

10.11646/zootaxa.4193.3.7 (Publication)
10.1653/0015-4040(2005)88[502:KTTFOC]2.0.CO;2 (Publication)
10.11646/zootaxa.4747.2.10 (Publication)

Has part

http://treatment.plazi.org/id/03DF87B7FF86FFBFFF68FF340F5BFE10 (Taxonomic treatment)
http://treatment.plazi.org/id/03DF87B7FF86FFBFFF68FDB00FE8FC3A (Taxonomic treatment)
http://treatment.plazi.org/id/03DF87B7FF86FFBFFF68FB9D0B1CF82B (Taxonomic treatment)
http://treatment.plazi.org/id/03DF87B7FF83FFBAFF68FF3408D7FAD2 (Taxonomic treatment)
10.5281/zenodo.5497141 (Figure)
10.5281/zenodo.5497144 (Figure)

Custom keywords:

Genus
Pliolestes

Species
venetus

Kingdom
Animalia

Order
Paucituberculata

Scientific name authorship
Goin

Phylum
Chordata

Locations:

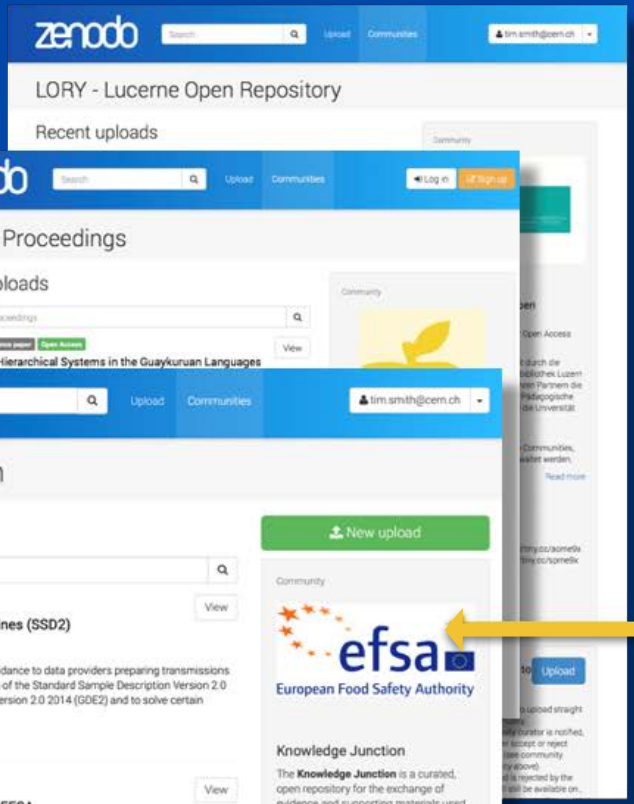
R / V Alis, EBISCO Expedition, st. DW 2613, Plateau des Chesterfield (-19.616667, 158.7)
NEW CALEDONIA: 42.5 × 19.4 mm, R/V Alis, EBISCO Expedition, st. DW 2613, Plateau des Chesterfield, 19°37' S, 158°42' E, 519-522 m (MNHN IM-2007-30854; Fig. 9A; GenBank accession number (cox1 sequence): KJ550158).

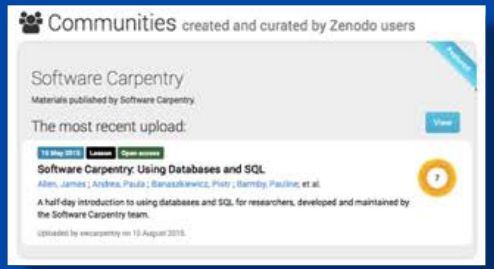
R / V Alis, EBISCO Expedition, st. DW 2610, Plateau des Chesterfield (-19.566668, 158.68333)
16.3 × 13.0 mm, R/V Alis, EBISCO Expedition, st. DW 2610, Plateau des Chesterfield, 19°34' S, 158°41' E, 486-494 m (MNHN IM-2000-30789; paratype 2; Fig. 9D; fragment of the spire, well preserved).

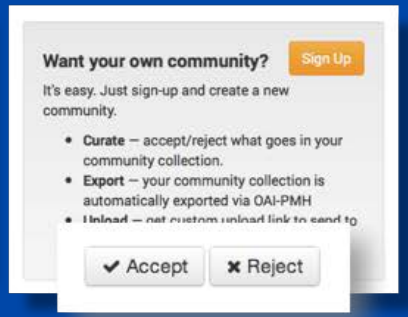
Coral Sea (-19.616667, 158.7)
NEW CALEDONIA: Coral Sea, Plateau des Chesterfield, 19°37' S, 158°42' E, 519-522 m (EBISCO st. DW 2613).

Communities

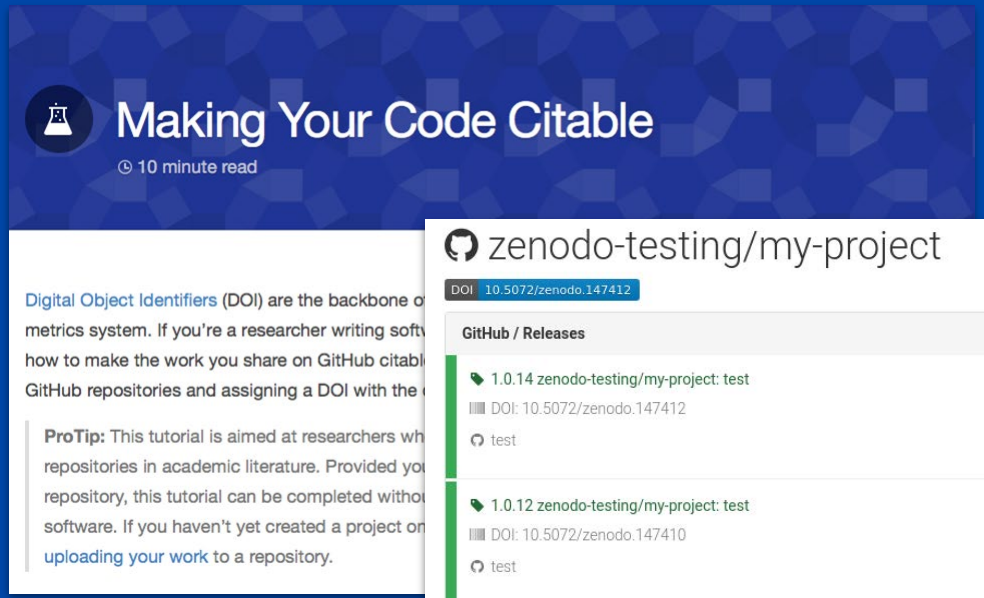
Projects, Subjects, Institutes, Nations, Conferences, …



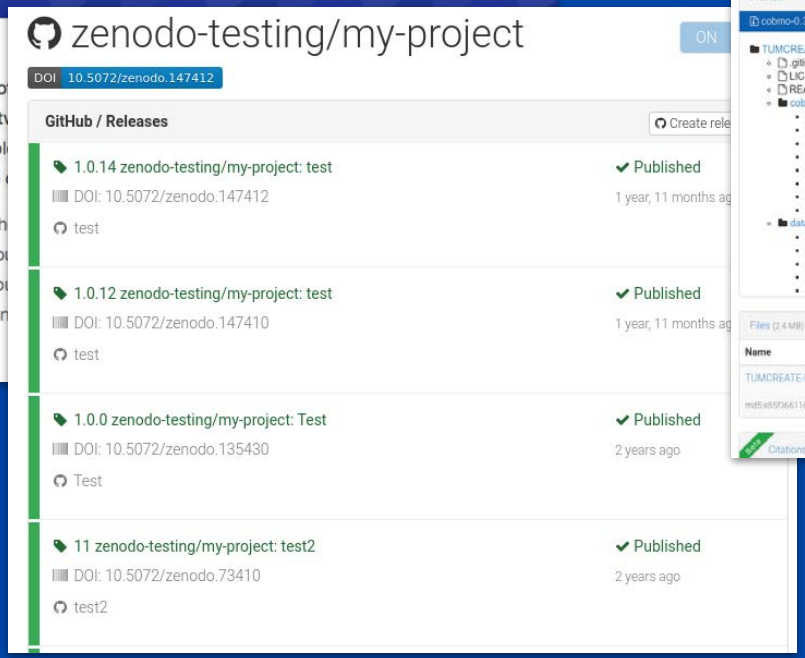


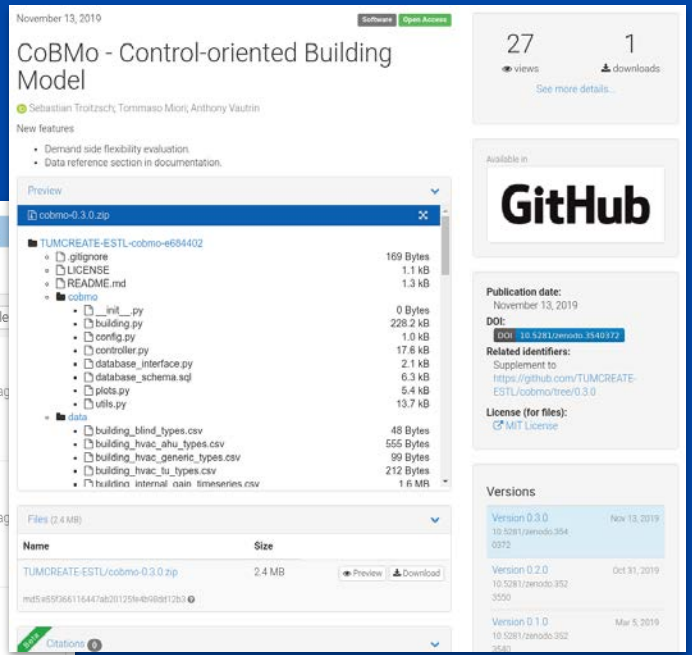


GitHub integration



https://docs.github.com/en/repositories/archiving_a_github_repository/referencing_and_citing_content





a webinar series

GREI Collaborative Webinar Series on Data Sharing in Generalist Repositories

Vivli
CENTER FOR GLOBAL CLINICAL RESEARCH DATA

Registration available

figshare

The Dataverse® Project

DRYAD

OSF

zenodo

MENDELEY DATA

Upcoming GREI Webinars

#3 **How to include generalist repositories in your NIH data management and sharing plans**
Thursday, November 10 at 3pm ET / Noon PT

#4 **Best practices for sharing data in a generalist repository: Metadata, data preparation, and reporting**
Thursday, December 8 at 3pm ET / Noon PT

Register and learn more at: https://datascience.nih.gov/grei-collaborative-webinar-series

Save the date!

GREI Workshop

- **Fully online**
- **Generalist Repository best practices**
- **Generalist repositories in the future**
- **Guest speakers, training, repository development**

Tuesday, January 24 &
Wednesday, January 25, 2023

Questions for our speakers

Contact the GREI program at GREI@nih.gov

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