Erin McLean, Arctic Data Center
Dr. Amber Budden, DataONE

Supporting Researchers in Discovering Data Repositories

CDL

NCEAS

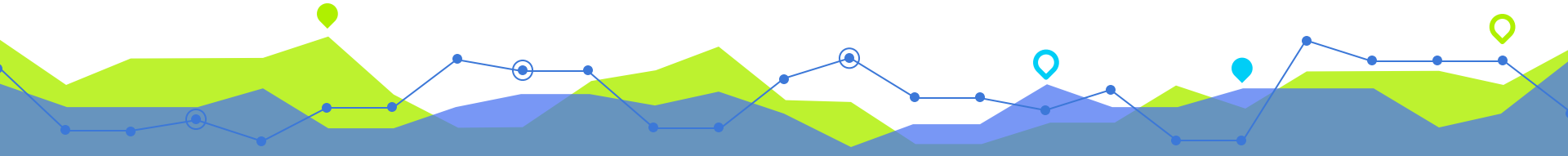
National Center for Ecological Analysis and Synthesis

DataONE

NSF
ARCTIC
DATA
CENTER

AGU

ESS-DIVE
Deep Insight for Earth Science Data



www.menti.com
34 53 63 8

re3data.org

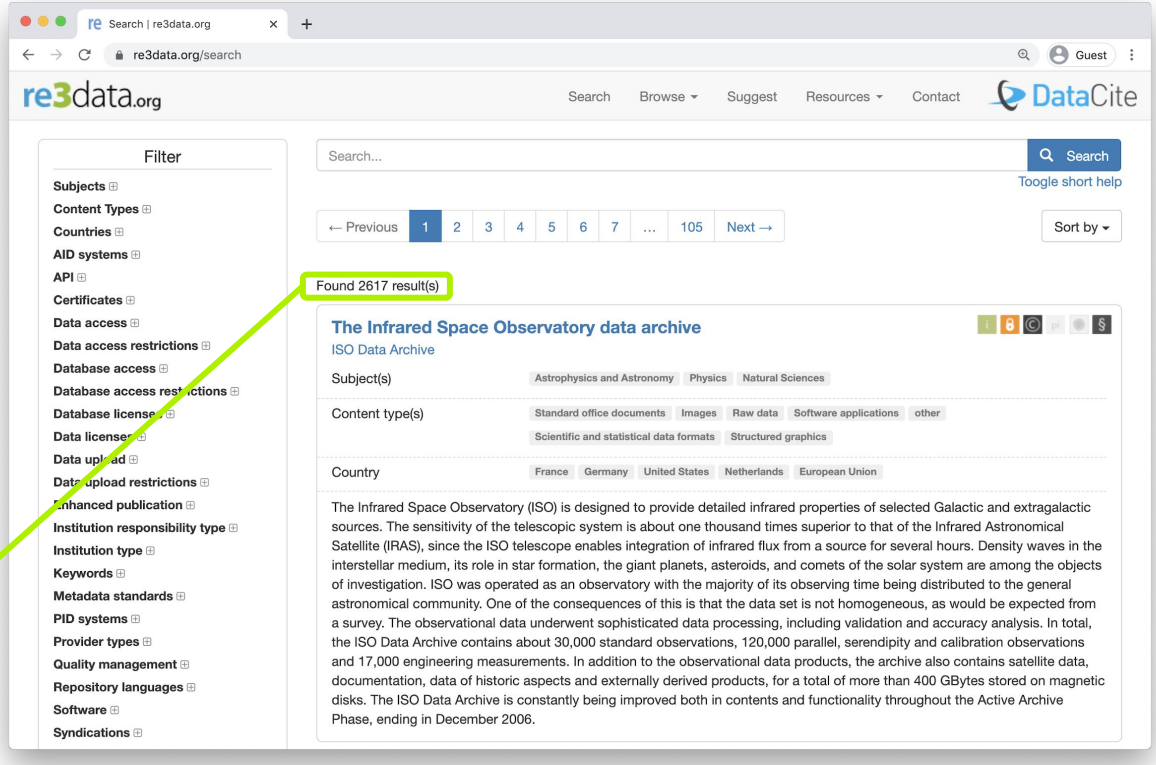
Domain Specific

Specialist

Generalist

Institutional

Found 2617 result(s)



15 Data Types

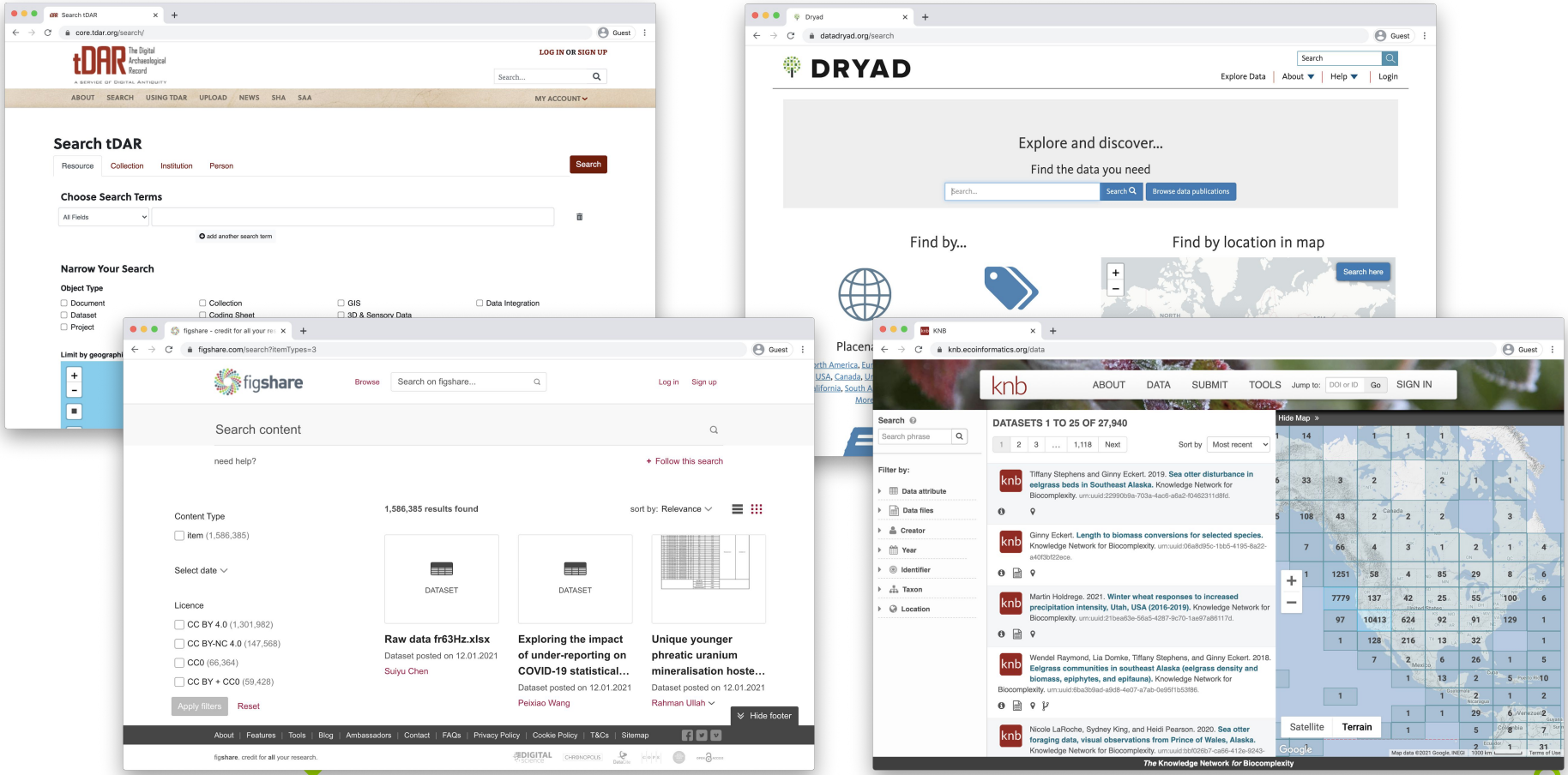
8 Certification Systems

12 Data License Types

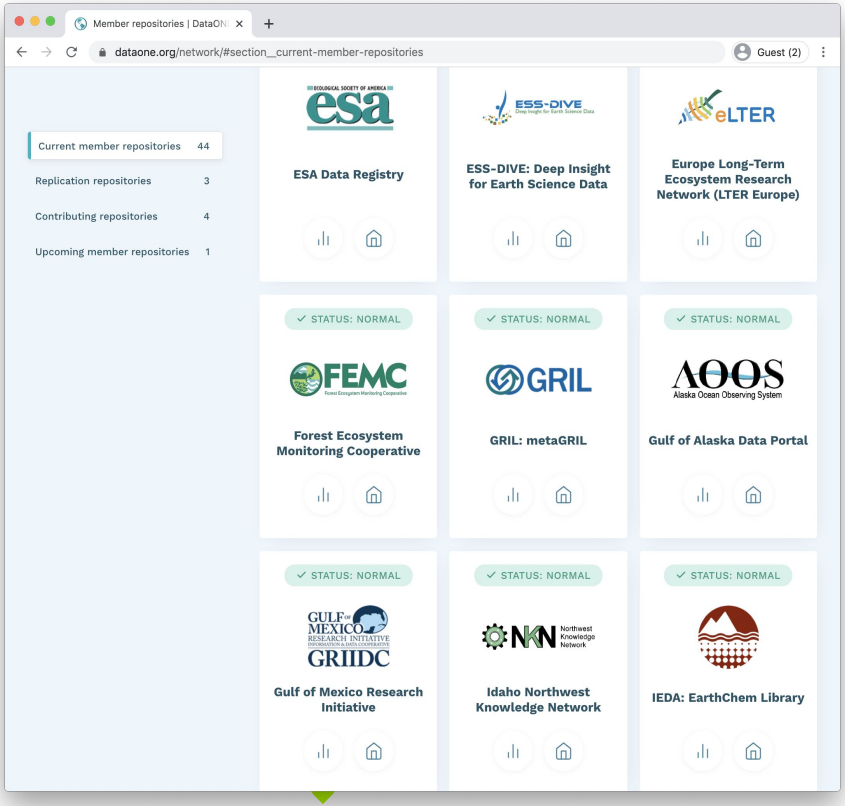
7 PID Systems

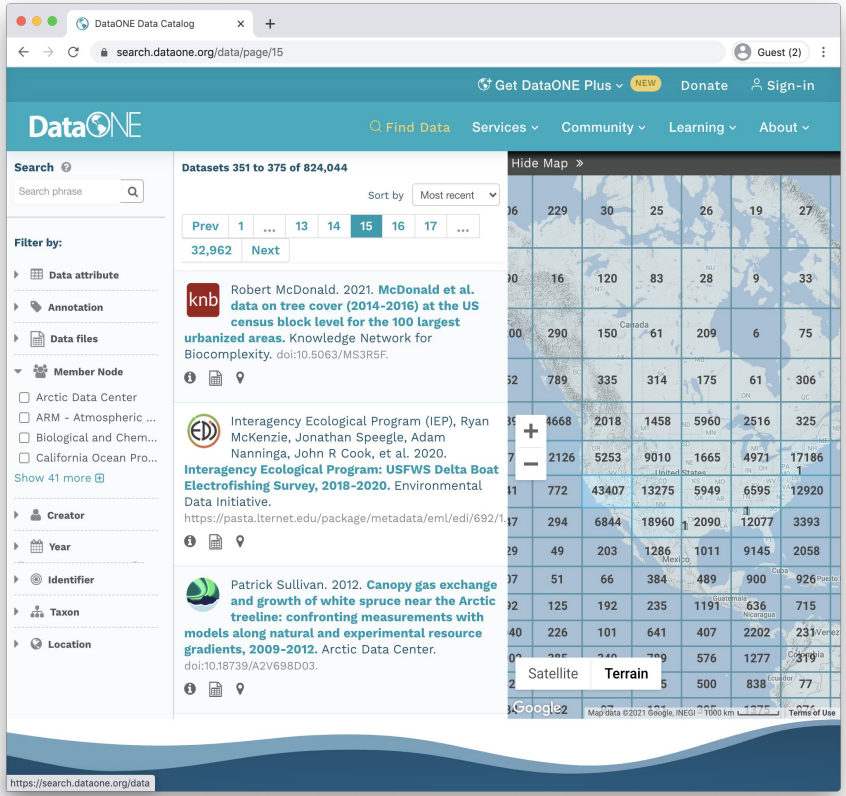
28 Metadata Standards

Varying Curation

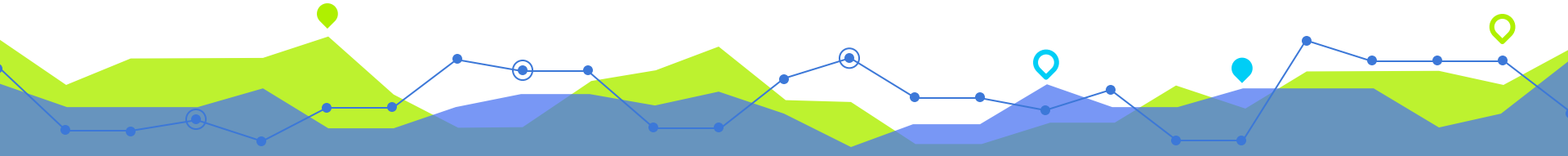

Search tDAR
core.tdar.org/search/
tDAR The Digital Archaeological Record
LOG IN OR SIGN UP
ABOUT SEARCH USING TDAR UPLOAD NEWS SHA SAA
MY ACCOUNT
Search tDAR
Resource Collection Institution Person
Search
Choose Search Terms
All Fields
add another search term
Narrow Your Search
Object Type
Document
Dataset
Project
Collection
Coding Sheet
GIS
3D & Sensory Data
Data Integration
Limit by geographi
Dryad
datadryad.org/search
DRYAD
Search
Explore Data
About
Help
Login
Explore and discover...
Find the data you need
Search...
Search
Browse data publications
Find by...
Find by location in map
Search here
Placena
figshare - credit for all your re
figshare.com/search?itemTypes=3
figshare
Browse
Search on figshare...
Log in
Sign up
Search content
need help?
+ Follow this search
Content Type
item (1,586,385)
Select date
Licence
CC BY 4.0 (1,301,982)
CC BY-NC 4.0 (147,568)
CC0 (66,364)
CC BY + CC0 (59,428)
Apply filters
Reset
1,586,385 results found
sort by: Relevance
DATASET
DATASET
Raw data fr63Hz.xlsx
Dataset posted on 12.01.2021
Suiyu Chen
Exploring the impact of under-reporting on COVID-19 statistical...
Dataset posted on 12.01.2021
Peixiao Wang
Unique younger phreatic uranium mineralisation hoste...
Dataset posted on 12.01.2021
Rahman Ullah
Hide footer
About | Features | Tools | Blog | Ambassadors | Contact | FAQs | Privacy Policy | Cookie Policy | T&Cs | Sitemap
figshare. credit for all your research.
KNB
knb.ecoinformatics.org/data
knb
ABOUT DATA SUBMIT TOOLS
Jump to:
DOI or ID
Go
SIGN IN
Search
Search phrase
Filter by:
Data attribute
Data files
Creator
Year
Identifier
Taxon
Location
DATASETS 1 TO 25 OF 27,940
1 2 3 ... 1,118 Next
Sort by
Most recent
Tiffany Stephens and Ginny Eckert. 2019. Sea otter disturbance in eelgrass beds in Southeast Alaska. Knowledge Network for Biocomplexity.
Ginny Eckert. Length to biomass conversions for selected species. Knowledge Network for Biocomplexity.
Martin Holdrege. 2021. Winter wheat responses to increased precipitation intensity, Utah, USA (2016-2019). Knowledge Network for Biocomplexity.
Wendel Raymond, Lia Domke, Tiffany Stephens, and Ginny Eckert. 2018. Eelgrass communities in southeast Alaska (eelgrass density and biomass, epiphytes, and epifauna). Knowledge Network for Biocomplexity.
Nicole LaRoche, Sydney King, and Heidi Pearson. 2020. Sea otter foraging data, visual observations from Prince of Wales, Alaska. Knowledge Network for Biocomplexity.
Hide Map
Satellite
Terrain
Google
The Knowledge Network for Biocomplexity

DataONE.org


Member repositories | DataONE
dataone.org/network/#section__current-member-repositories
Guest (2)
Current member repositories 44
Replication repositories 3
Contributing repositories 4
Upcoming member repositories 1
ESA Data Registry
ESS-DIVE: Deep Insight for Earth Science Data
Europe Long-Term Ecosystem Research Network (LTER Europe)
STATUS: NORMAL
Forest Ecosystem Monitoring Cooperative
GRIL: metaGRIL
Gulf of Alaska Data Portal
Gulf of Mexico Research Initiative
Idaho Northwest Knowledge Network
IEDA: EarthChem Library


DataONE Data Catalog
search.dataone.org/data/page/15
Guest (2)
Get DataONE Plus
NEW
Donate
Sign-in
DataONE
Find Data
Services
Community
Learning
About
Search
Search phrase
Filter by:
Data attribute
Annotation
Data files
Member Node
Arctic Data Center
ARM - Atmospheric ...
Biological and Chem...
California Ocean Pro...
Show 41 more
Creator
Year
Identifier
Taxon
Location
Datasets 351 to 375 of 824,044
Sort by
Most recent
Prev 1 ... 13 14 15 16 17 ...
32,962 Next
Robert McDonald. 2021. McDonald et al. data on tree cover (2014-2016) at the US census block level for the 100 largest urbanized areas. Knowledge Network for Biocomplexity. doi:10.5063/MS3R5F.
Interagency Ecological Program (IEP), Ryan McKenzie, Jonathan Speegle, Adam Nanninga, John R Cook, et al. 2020. Interagency Ecological Program: USFWS Delta Boat Electrofishing Survey, 2018-2020. Environmental Data Initiative. https://pasta.lternet.edu/package/metadata/eml/edi/692/1.
Patrick Sullivan. 2012. Canopy gas exchange and growth of white spruce near the Arctic treeline: confronting measurements with models along natural and experimental resource gradients, 2009-2012. Arctic Data Center. doi:10.18739/A2V698D03.
Hide Map
Satellite
Terrain
https://search.dataone.org/data

Resources



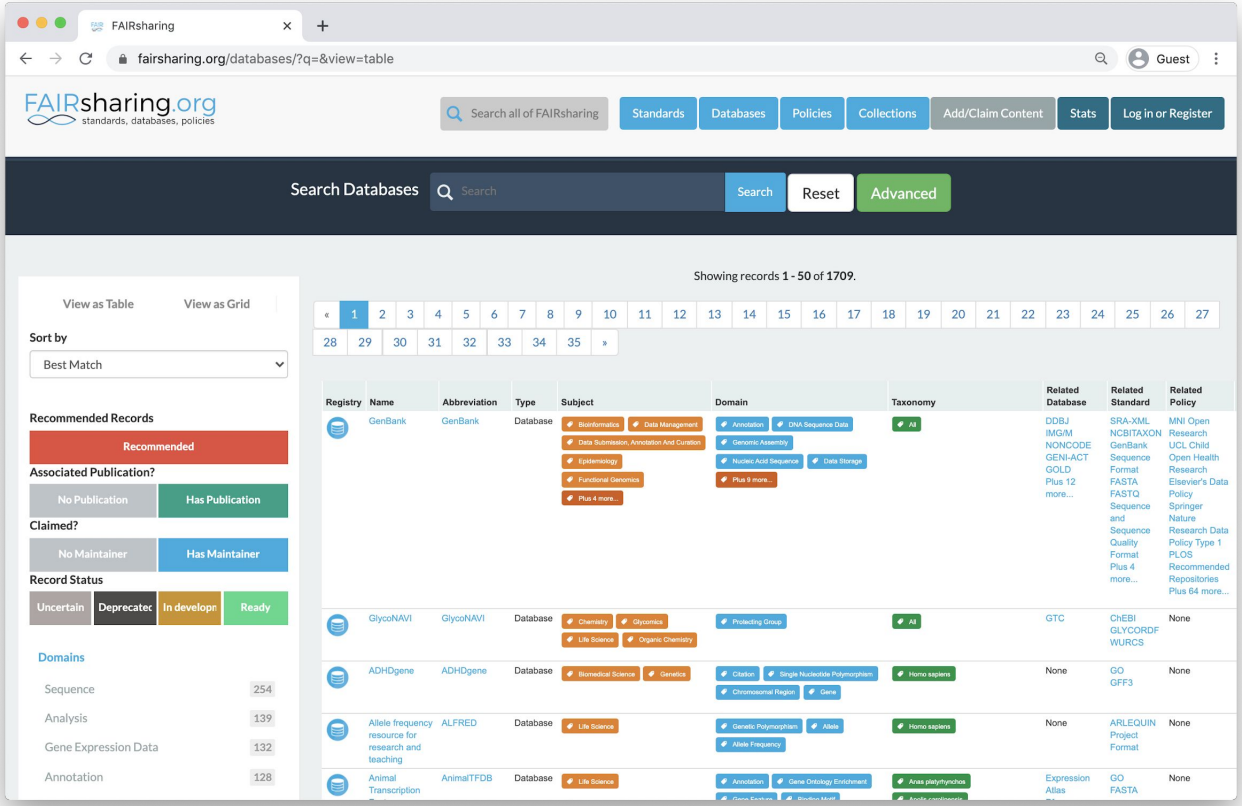
Institutional librarian

FAIRsharing.org

1709 Databases indexed

Organized by collections, recommendations

Educational resource



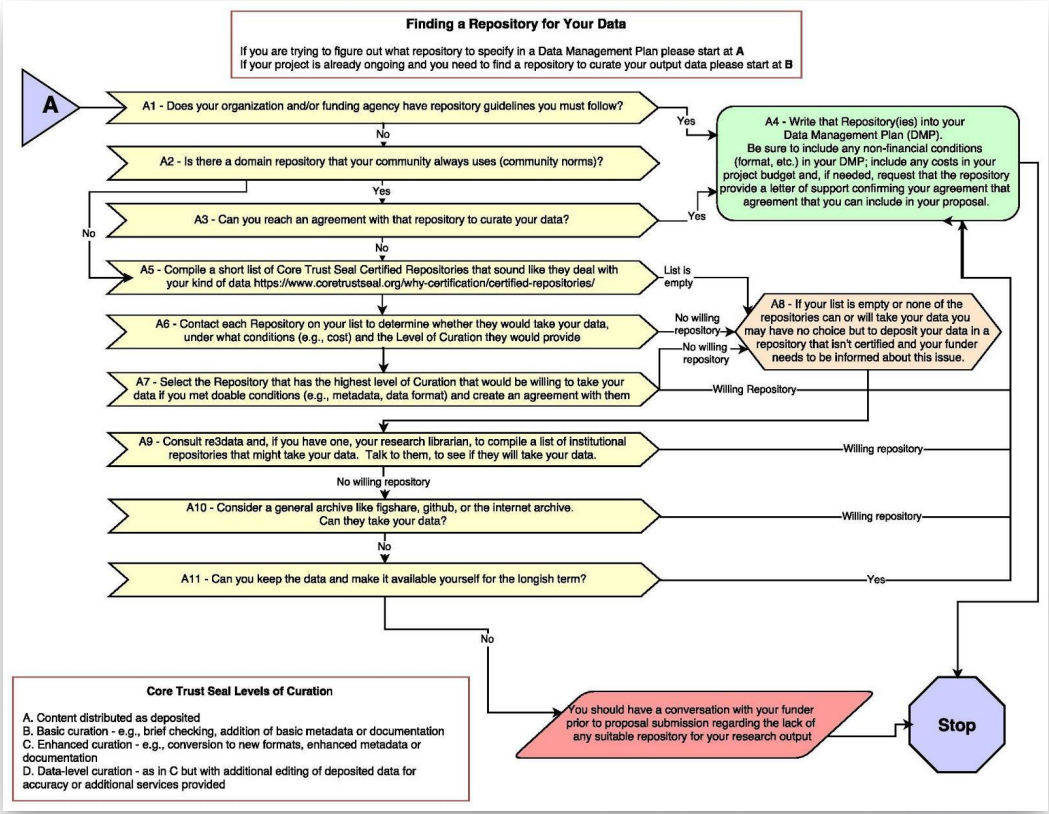
zenodo.org/record/1475430#.X_2XEi2ZN25

Primary facets:

- Funder guidelines (A1)
- Community norms (A2)
- Certification (A5)
- Degree of curation (A7)

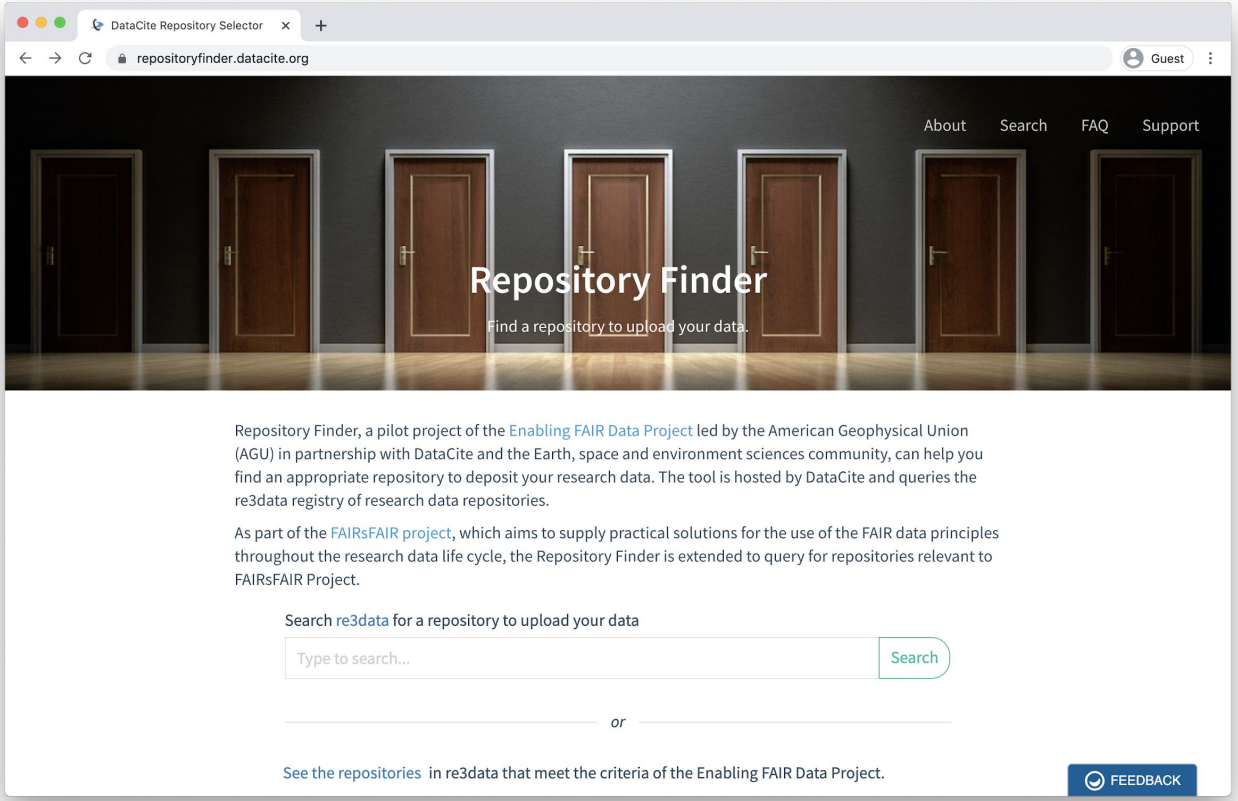
Resources:

- Catalogs: Re3data (A9)
- Research librarians (A9)
- Generalist repositories (A10)



Enabling FAIR Data Community (2018, October 30). Data Repository Selection Decision Tree for Researchers in the Earth, Space, and Environmental Sciences. Zenodo. http://doi.org/10.5281/zenodo.1475430

repositoryfinder.datacite.org



DataCite
FIND, ACCESS, AND REUSE DATA

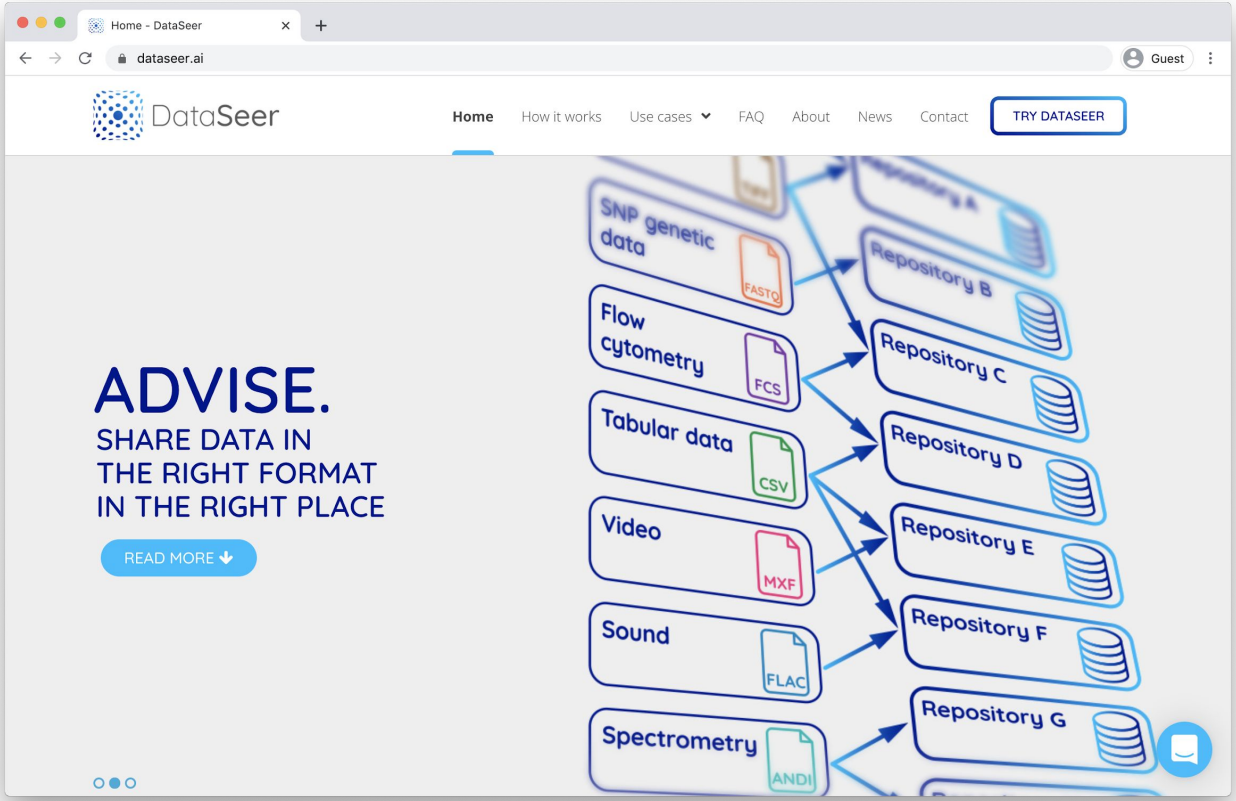
AGU

FAIRSFAIR
Fostering Fair Data Practices in Europe

dataseer.ai

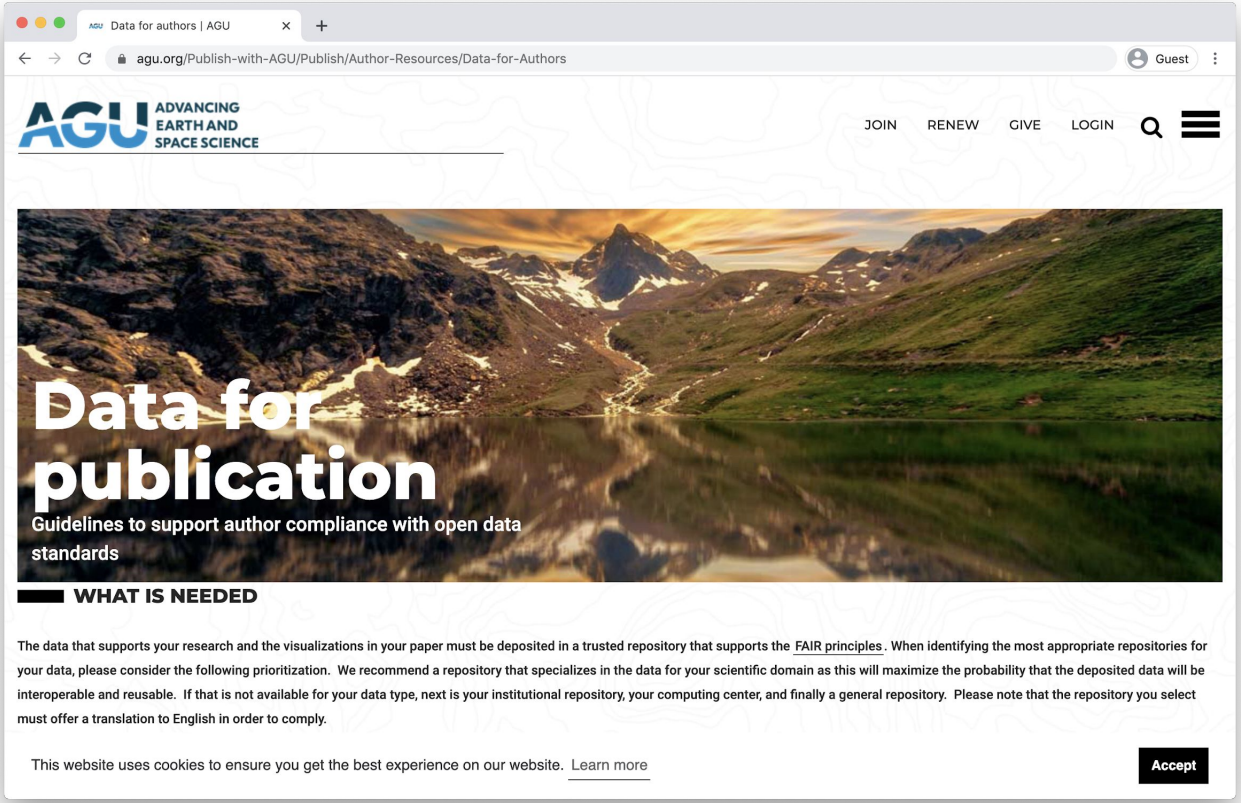
Natural Language Processing tool

Designed to support journal submission



www.agu.org/Publish-with-AGU/Publish/Author-Resources/Data-for-Authors

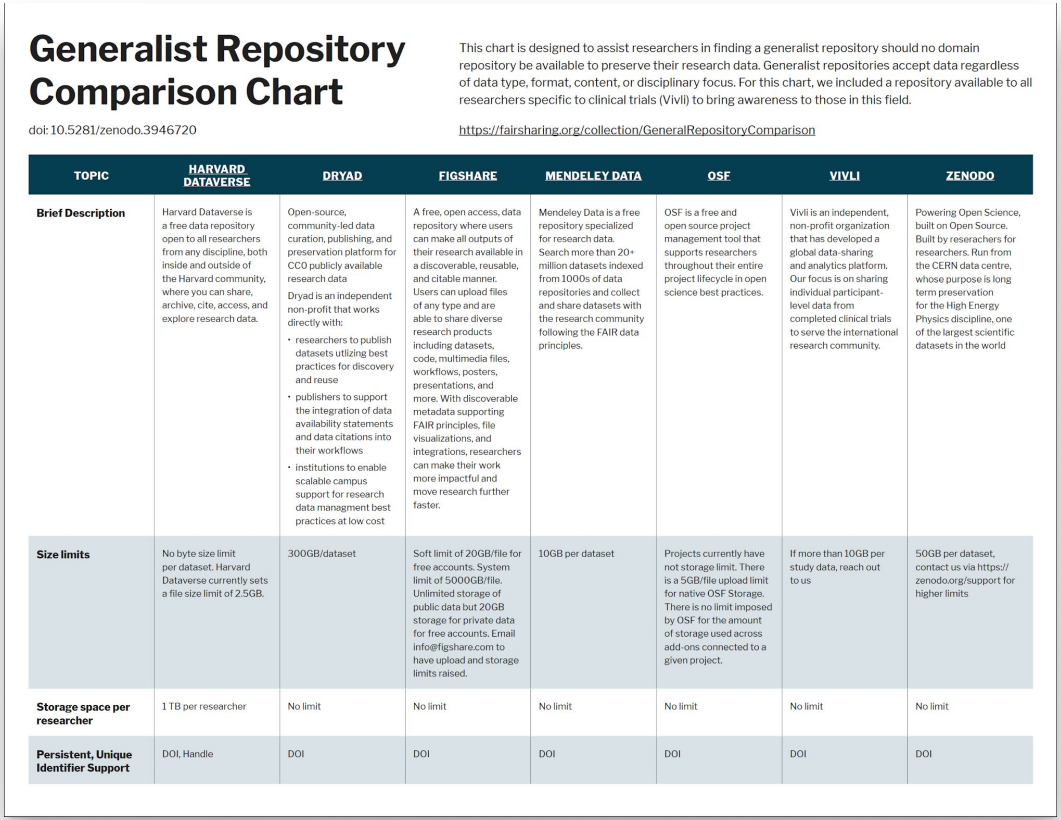
Journal specific data guidance



zenodo.org/record/3946720#.X_2lxJNKh24s

Tool to support selection of a generalist data repository (if no appropriate domain repository exists)

Stall, S et al. (2020, July 15). Generalist Repository Comparison Chart. Zenodo. http://doi.org/10.5281/zenodo.3946720



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.

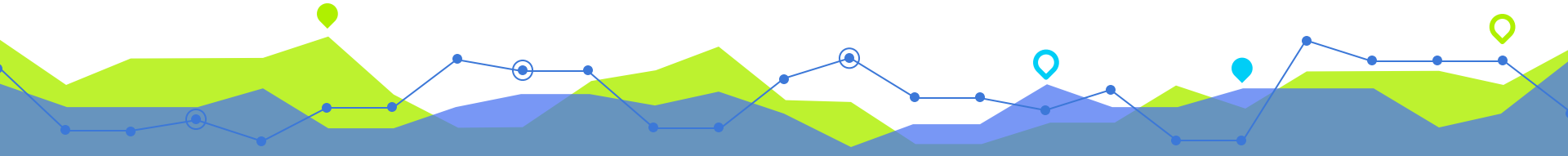
doi: 10.5281/zenodo.3946720

https://fairsharing.org/collection/GeneralRepositoryComparison

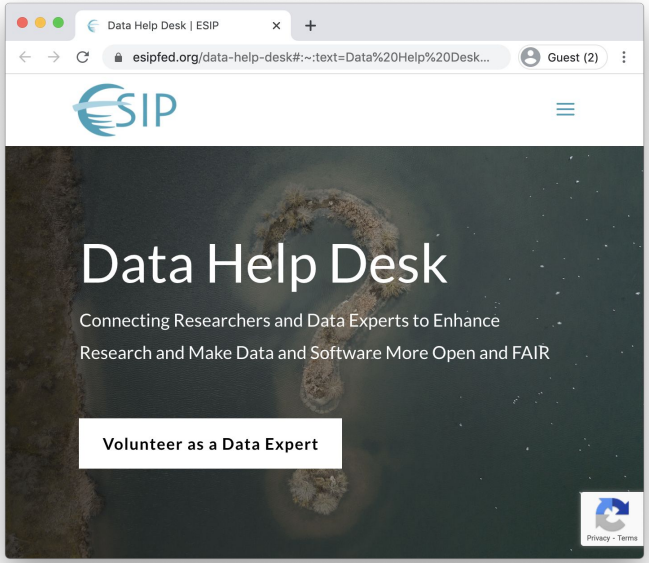
TOPIC	HARVARD DATAVERSE	DRYAD	FIGSHARE	MENDELEY DATA	OSF	VIVLI	ZENODO
Brief Description	Harvard Dataverse is a free data repository open to all researchers from any discipline, both inside and outside of the Harvard community, where you can share, archive, cite, access, and explore research data.	Open-source, community-led data curation, publishing, and preservation platform for CCO publicly available research data Dryad is an independent non-profit that works directly with: • researchers to publish datasets utilizing 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 researchers 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

FAIRsharing.org
standards, databases, policies

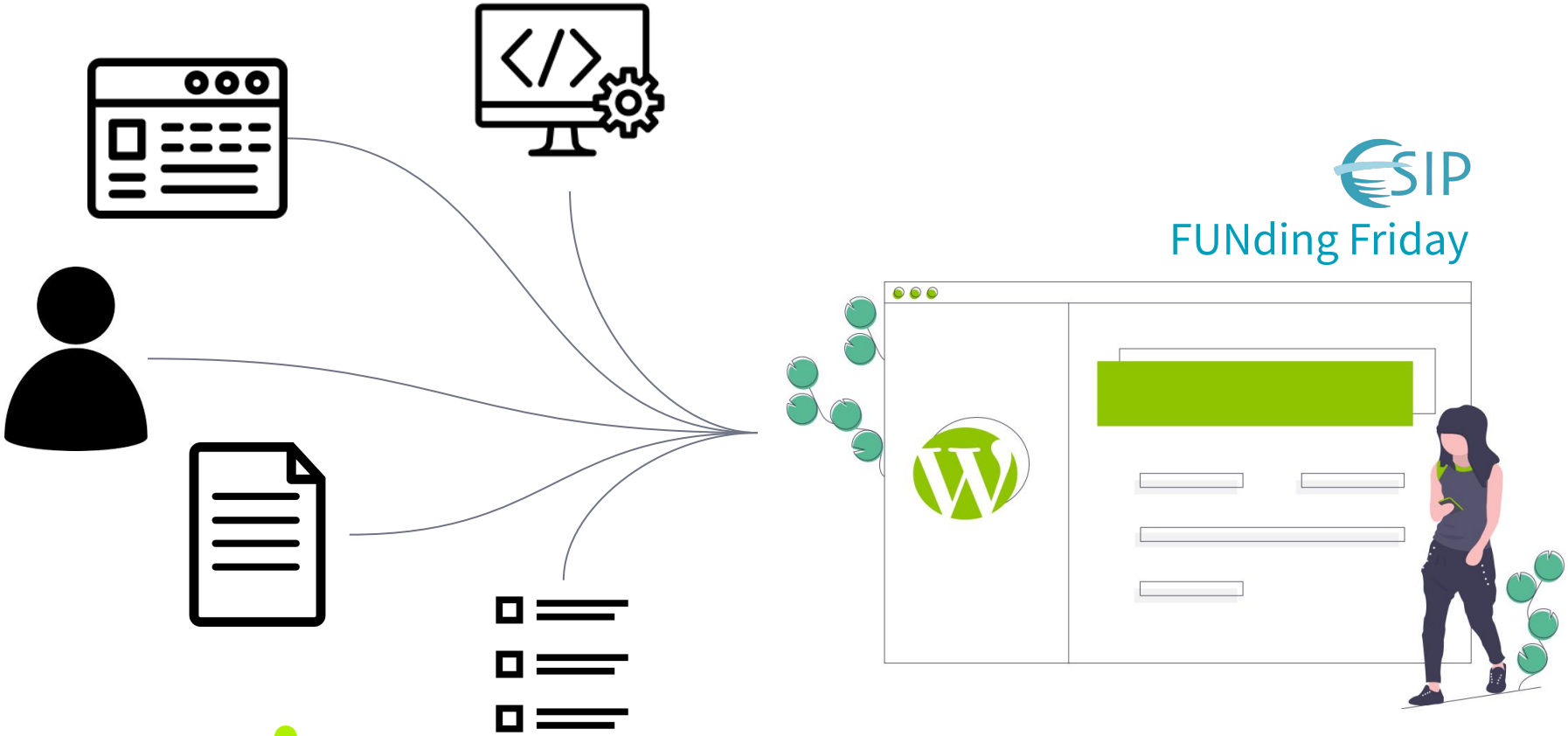
Outreach



Data Help Desk



#datahelpdesk


SIP
FUNding Friday

- Consolidate existing resources
- Written for researchers
- Outreach materials
- and more …

1

REPOSITORY
genie

2

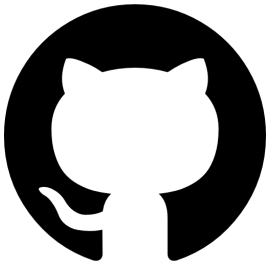
REPOSITORY
genie

3

REPOSITORY
genie

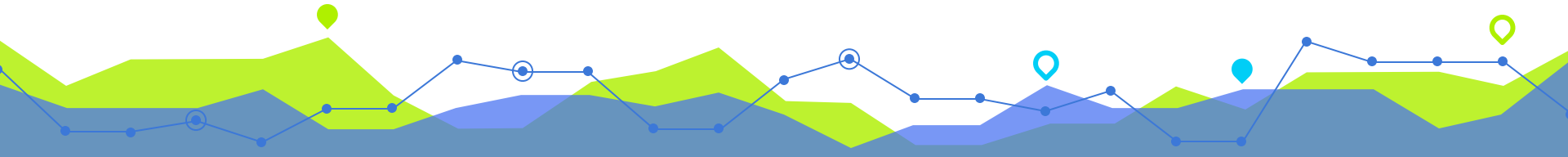
4

REPOSITORY
genie



github.com/DataONEorg/RepositoryFinder

aebudden@nceas.ucsb.edu



Cards Against Humanity: Data Repository Expansion Pack

How can we make learning about data repositories into a fun experience?

HOW TO PLAY

White Cards

Nouns or noun phrases

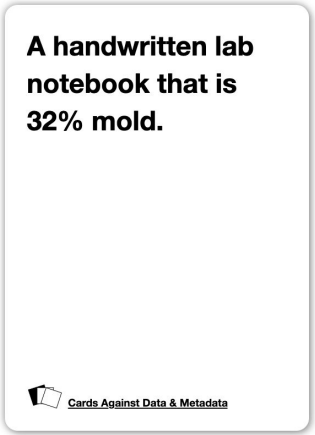
Black Cards

Fill in the blank statements or questions

HOW TO PLAY

White Cards

Nouns or noun phrases



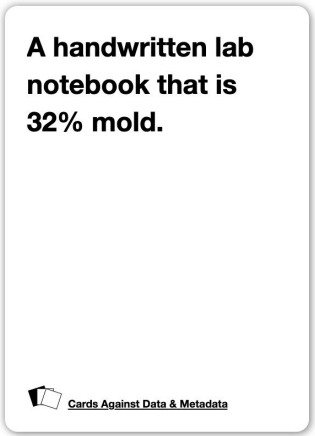
Black Cards

Fill in the blank statements or questions

HOW TO PLAY

White Cards

Nouns or noun phrases



Black Cards

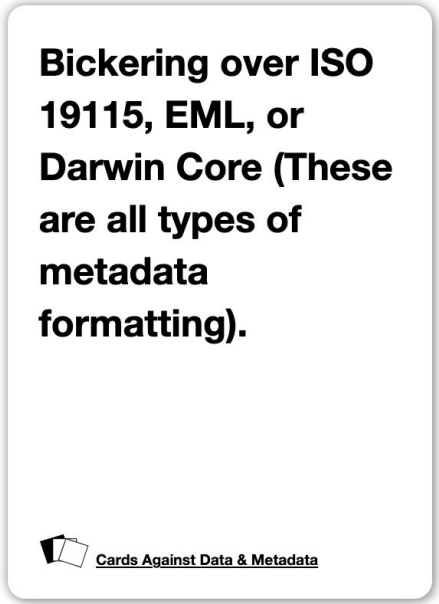
Fill in the blank statements or questions

HOW TO PLAY

The data scientist starter kit contains _____ & _____.
Cards Against Data & Me... PICK 2
A handwritten lab notebook that is 32% mold.
Cards Against Data & Metadata
Smashing a banana into your computer's USB drive.
Cards Against Data & Metadata

HOW IS THIS EDUCATIONAL?

We added explanatory elements to the cards



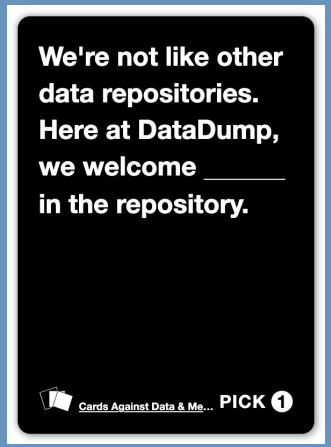
RULES OF THE GAME

- Each player is given 7 White Cards
- One player plays a Black Card and is now the Card Czar
- Everyone chooses a White Card to fill in the blank provided by the Black Card
- The Card Czar then picks a favorite, and whoever played that answer keeps the Black Card as one Awesome Point.

We're not like other data repositories. Here at DataDump, we welcome _____ in the repository.

Cards Against Data & Me... PICK 1

Crushed dreams.
Cards Against Data & Metadata


We're not like other data repositories. Here at DataDump, we welcome _____ in the repository.
Cards Against Data & Me...
PICK 1

Crushed dreams.

Cards Against Data & Metadata

Vigorous jazz hands.

Cards Against Data & Metadata

We're not like other data repositories. Here at DataDump, we welcome _____ in the repository.

Cards Against Data & Me... PICK 1

Crushed dreams.

Cards Against Data & Metadata

Vigorous jazz hands.

Cards Against Data & Metadata

We're not like other data repositories. Here at DataDump, we welcome _____ in the repository.

Cards Against Data & Me... PICK 1

Inappropriate field notebook annotations.

Cards Against Data & Metadata

Crushed dreams.

Cards Against Data & Metadata

Vigorous jazz hands.

Cards Against Data & Metadata

We're not like other data repositories. Here at DataDump, we welcome _____ in the repository.

Cards Against Data & Me... PICK 1

Inappropriate field notebook annotations.

Cards Against Data & Metadata

Passive aggressive post it notes.

Cards Against Data & Metadata

Crushed dreams.
Cards Against Data & Metadata
Vigorous jazz hands.
Cards Against Data & Metadata
We're not like other data repositories. Here at DataDump, we welcome _____ in the repository.
Cards Against Data & Me... PICK 1
Inappropriate field notebook annotations.
Cards Against Data & Metadata
Passive aggressive post it notes.
Cards Against Data & Metadata

141 White Cards

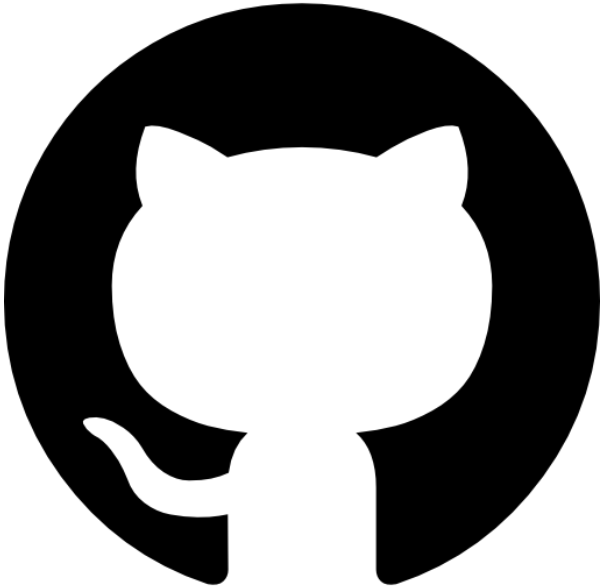
76 Black Cards

9 Card Authors

You could contribute too!

HOW TO CONTRIBUTE TO CARDS AGAINST DATA

All you need is a Github account & an idea.



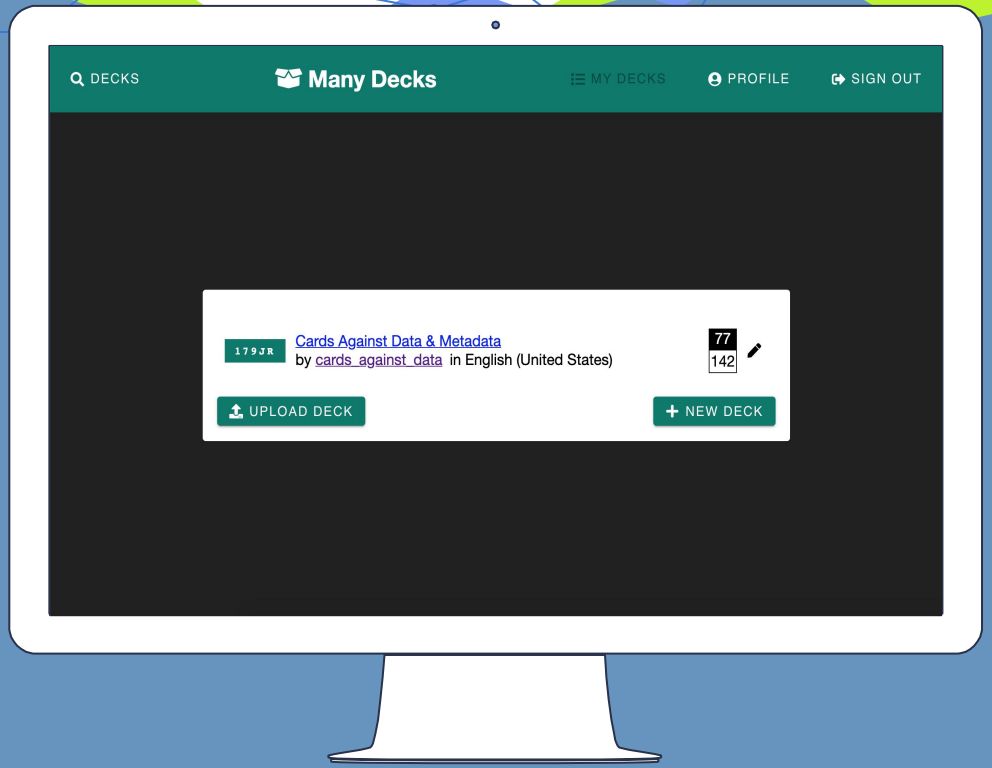
Be silly, be funny, but don't be gross.

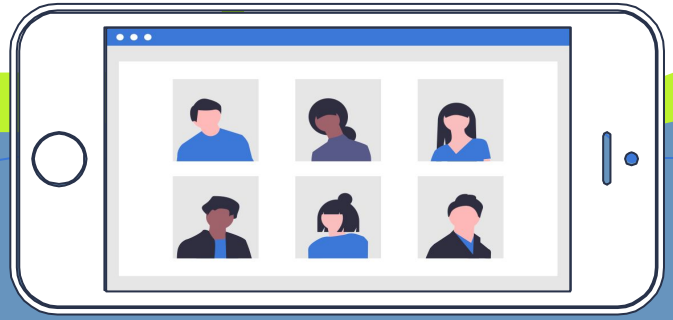
https://github.com/erinlynmclean/CardsAgainstData

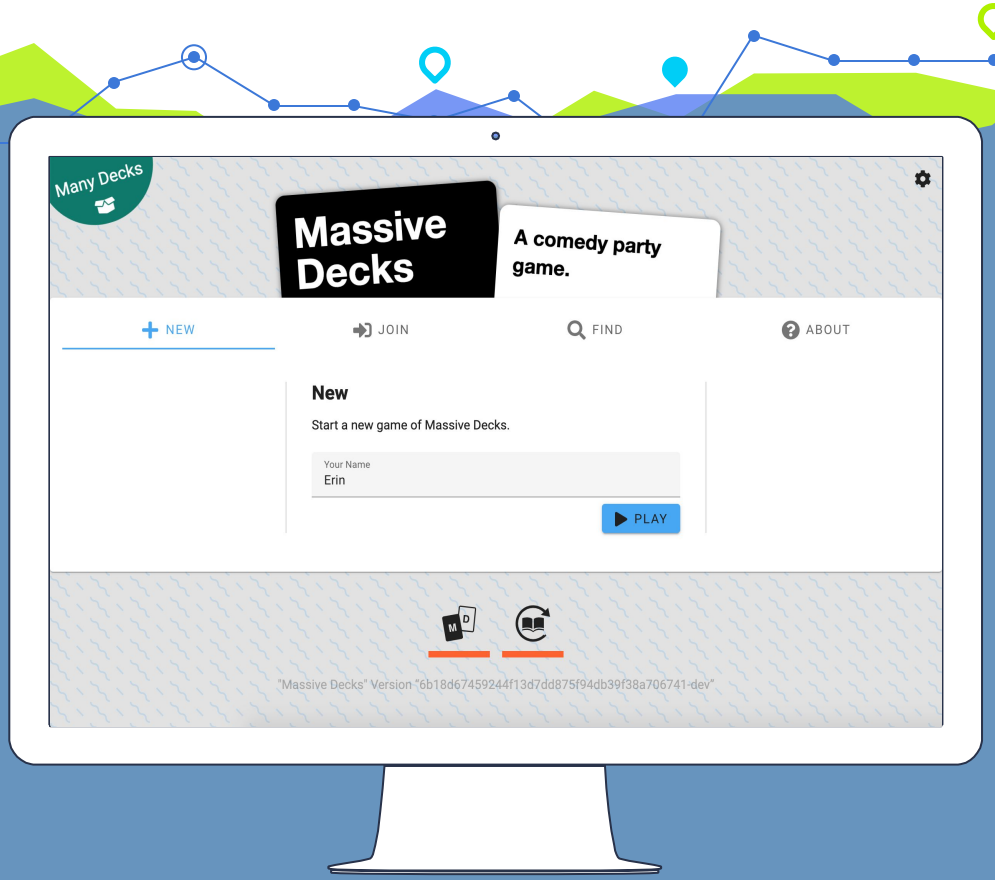
CARD DECK

ManyDecks:

decks.rereadgames.com







GAME PLAY: REMOTE

Play with up to 10 friends remotely via Zoom & Massive Decks.

md.rereadgames.com

GAME PLAY: IN PERSON

Will be purchasable and orderable once the website goes live!