

How Figshare and Generalist Repositories support the “R” in FAIR

Ana Van Gulick, PhD

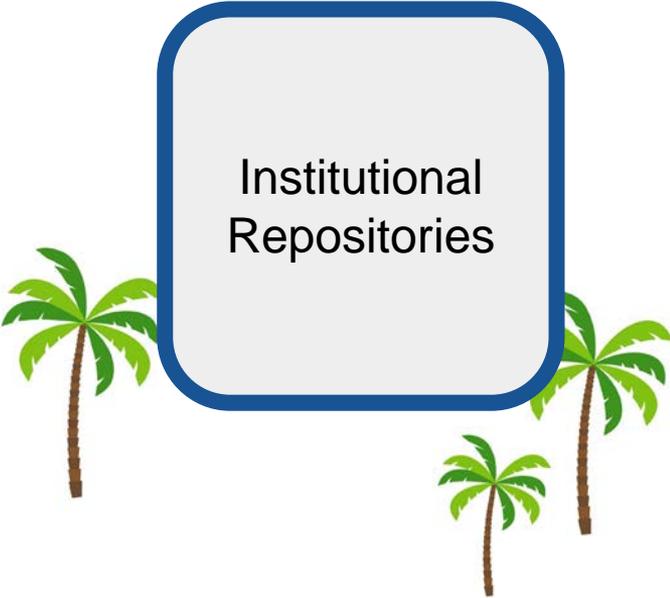
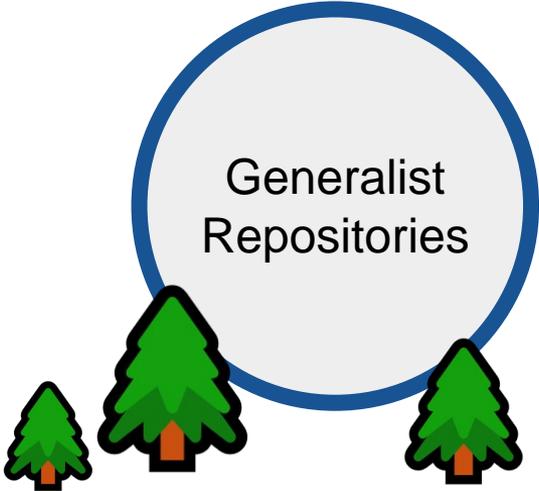
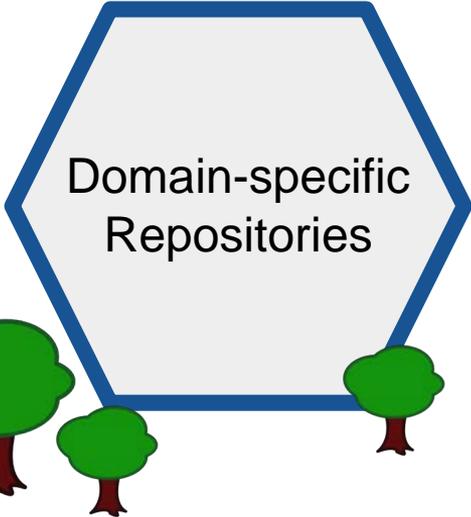
Government & Funder Lead, Head of Data Review

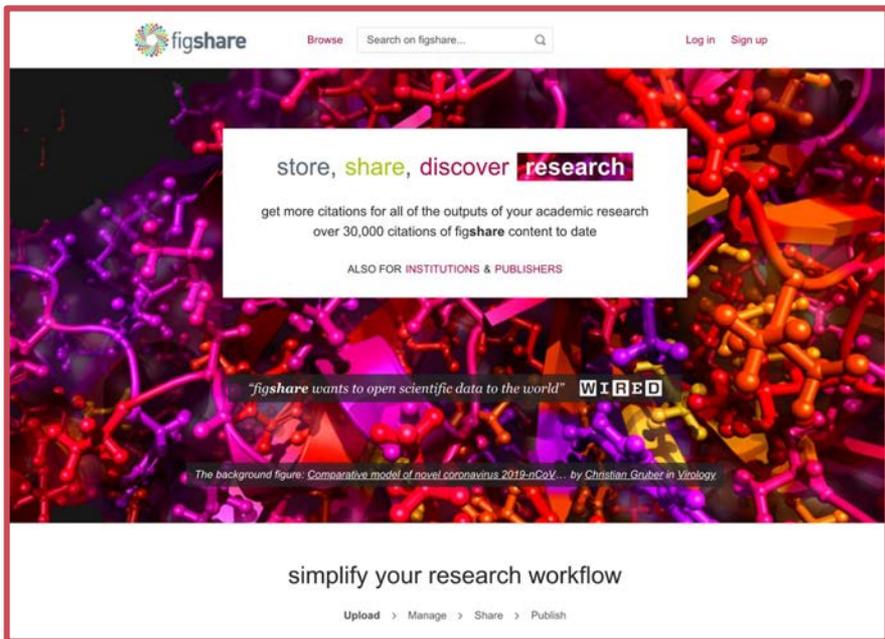
Figshare

ana@figshare.com

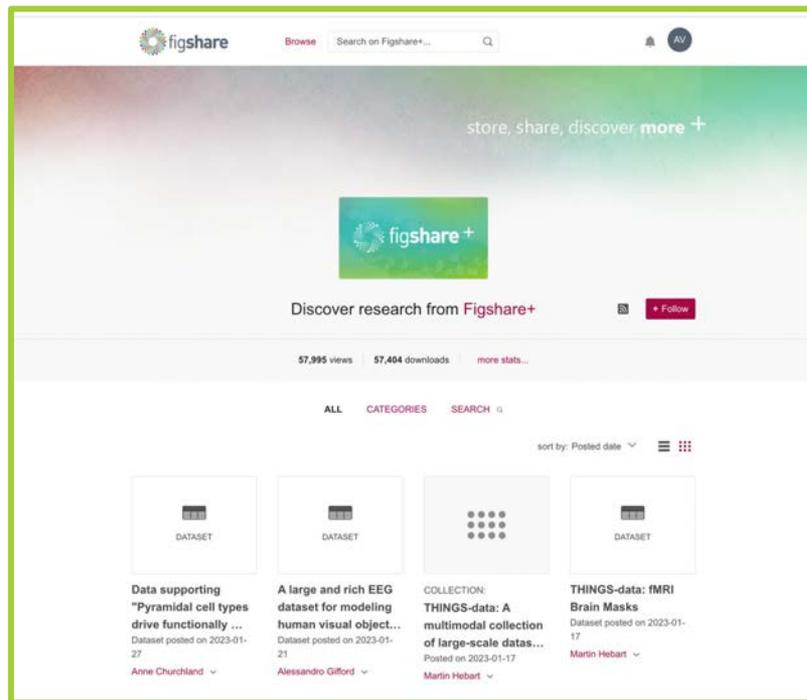
July 13, 2023

Research Data Repository Ecosystem





Freely available generalist repository
figshare.com



Large Datasets
plus.figshare.com





a freely available generalist repository for all research disciplines and outputs

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



a FAIR repository for big data

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

Figshare's role in FAIR data

- **F**indable - DOIs, metadata, discoverable
- **A**ccessible - No paywall, open access, programmatic access
- **I**nteroperable - metadata, linking, any file type
- **R**eusable - License, metadata gives context

Findable 
Accessible 
Interoperable 
Reusable 

at



together with



[Open Access](#) | [Published: 15 March 2016](#)

The FAIR Guiding Principles for scientific data management and stewardship

[Mark D. Wilkinson](#), [Michel Dumontier](#), ... [Barend Mons](#)  [+ Show authors](#)

[Scientific Data](#) **3**, Article number: 160018 (2016) | [Cite this article](#)

415k Accesses | 3544 Citations | 1937 Altmetric | [Metrics](#)

 An [Addendum](#) to this article was published on 19 March 2019

Abstract

There is an urgent need to improve the infrastructure supporting the reuse of scholarly data. A diverse set of stakeholders—representing academia, industry, funding agencies, and scholarly publishers—have come together to design and jointly endorse a concise and measurable set of principles that we refer to as the FAIR Data Principles. The intent is that these may act as a guideline for those wishing to enhance the reusability of their data holdings. Distinct from

<https://doi.org/10.1038/sdata.2016.18>

Figshare (and other generalist repositories) as a tool to find and reuse data

Generalist Repositories Offer:

- Flexibility to share any research output, any file type
- Discoverability and open access
- Open APIs - programmatic access to files and metadata
- Provide DOIs for all records
- Use DOIs and other Persistent Identifiers (PIDs)
- Structured, standard metadata



Data sharing practices for reusable data

"meta(data) are richly described with a plurality of accurate and relevant attributes"
"(meta)data meet domain-relevant community standards"

Use Figshare (and other generalist repositories) to:

- Create FAIR records for all outputs of any type
- Use DOIs and PIDs
- Link related materials
- Create descriptive metadata for discovery and reuse incl. discipline-specific standards
- Provide discoverability and access to all files and metadata needed for reuse

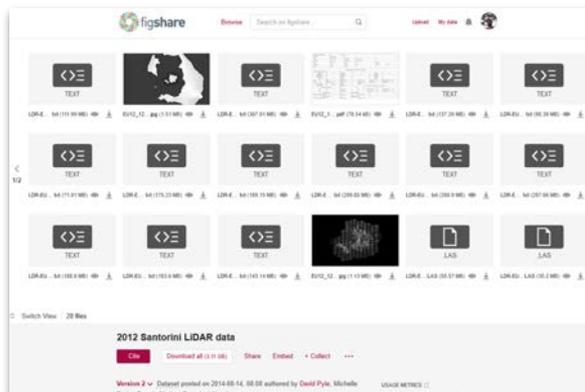


Creating FAIR Files and Metadata

The screenshot shows a Figshare dataset page. At the top, there is a search bar and a 'Log in' button. Below the header, there are 25 file thumbnails, each representing a .TIF image. Each thumbnail includes a file icon, the file name (e.g., 'ND14-multiples.tif (3.44 GB)'), and a download icon. Below the thumbnails, there is a 'Switch View' button and a '25 files' indicator. The main content area contains the dataset title, a 'Cite' button, and a 'Download all (236.47 GB)' button. Below this, there is a 'USAGE METRICS' section showing 469 views, 282 downloads, and 0 citations. A '1' icon indicates the dataset is featured. There is also a 'Supplemental' section with a 'Deep learning-based approach to the characterization and quantification of histopathology in mouse models of colitis' link and a Figshare logo. At the bottom, there is a 'FUNDING' section for the 'Regulation of Intestinal Epithelial Cell Proliferation' project, supported by the National Institute of Diabetes and Digestive and Kidney Diseases.

The screenshot shows a Figshare dataset page. At the top, there is a search bar and a 'Log in' button. Below the header, there are 11 file thumbnails, each representing a .xlsx file. Each thumbnail includes a file icon, the file name (e.g., 'Suppl...xlsx (29.41 kB)'), and a download icon. Below the thumbnails, there is a 'Switch View' button and a '11 files' indicator. The main content area contains the dataset title, a 'Cite' button, and a 'Download all (2.89 MB)' button. Below this, there is a 'USAGE METRICS' section showing 698 views, 188 downloads, and 1 citation. There is an 'ABSTRACT' section with the following text: 'Context: Obesity-related insulin resistance (OIR) is one of the main contributors to type 2 diabetes and other metabolic diseases. Protein kinases are implicated in insulin signaling and glucose metabolism. Molecular mechanisms underlying OIR involving global kinase activities remain incompletely understood. Objective: To investigate abnormal kinase activity associated with OIR in human skeletal muscle. Design: Stable isotopic labeling-based quantitative proteomics combined with affinity-based active enzyme probes to profile in vivo kinase activity in skeletal muscle from lean control (Lean) and OIR participants. Participants: Eight Lean and eight OIR non-diabetic human adults who underwent hyperinsulinemic-euglycemic clamp with muscle biopsy. Results: We identified the 1st active kinome comprised of 54 active protein kinases in human skeletal muscle. The activities of 23 kinases were different in OIR compared to Lean muscle (11 hyper- and 12 hypo-active), while their protein abundance was the same between the two groups. The activities of multiple kinases involved in AMPK and p38 signaling were lower in OIR compared to Lean. On the contrary, multiple kinases in the JNK signaling pathway exhibited higher activity in OIR vs. Lean. The kinase-substrate-prediction based on experimental data further confirmed a potential down-regulation of insulin signaling (e.g., inhibited phosphorylation of IRS1 and AKT1/2). Conclusions: These findings provide a global view of the kinome activity in OIR and Lean muscle, pinpoint novel specific impairment in kinase activities in signaling pathways important for skeletal muscle insulin resistance and may provide potential drug targets (i.e., abnormal kinase activities) to prevent and/or reverse skeletal muscle insulin resistance in humans.' Below the abstract, there is a 'FUNDING' section for 'Novel Regulators of Islet Beta-Cell Function in Health and Diabetes' supported by the United States Department of Veterans Affairs. At the bottom, there is a 'LICENSE' section for 'CC BY 4.0' and an 'EXPORTS' section with a 'Select an option' dropdown.

Any File Type, Any Type of Output



2012 Santorini LIDAR data

Download all (3.91 MB) | Share | Embed | Collect

Dataset posted on 2014-05-14, 08:08 authored by David Pyle, Michelle

Version 2 | Dataset posted on 2014-05-14, 08:08 authored by David Pyle, Michelle

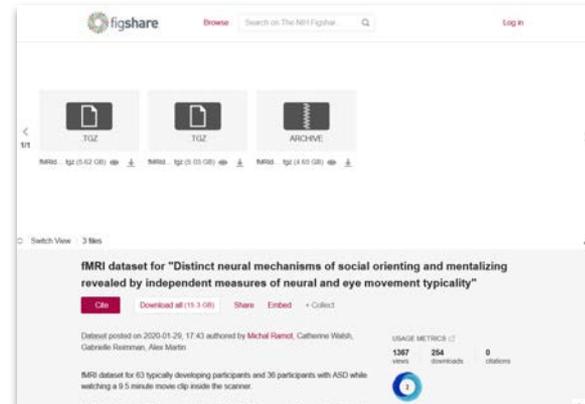


TEE Post Deployment Aortic valve long axis color

Download all (19.3 MB) | Share | Embed | Collect

Media posted on 2010-05-18, 06:40 authored by Supika Bhandari, Andrew Ony, Thomas Papadimitriou, Juan Costales, Barry George, Kefu Tian

Usage Metrics: 1395 views, 467 downloads, 1 citation



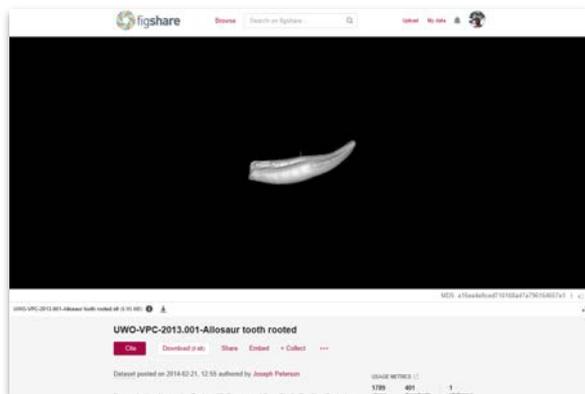
fMRI dataset for "Distinct neural mechanisms of social orienting and mentalizing revealed by independent measures of neural and eye movement typicality"

Download all (19.3 MB) | Share | Embed | Collect

Dataset posted on 2020-01-20, 17:43 authored by Michal Plonit, Catherine Webb, Gabrielle Roitman, Aise Martin

Usage Metrics: 1367 views, 264 downloads, 0 citations

fMRI dataset for 63 typically developing participants and 36 participants with ASD while watching a 9.5 minute movie clip inside the scanner.

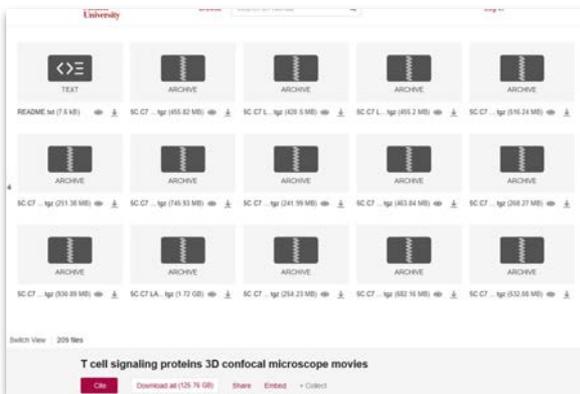


UWO-VPC-2013.001-Allosaur tooth rooted

Download all (0.11 MB) | Share | Embed | Collect

Dataset posted on 2014-02-21, 12:55 authored by Joseph Peterson

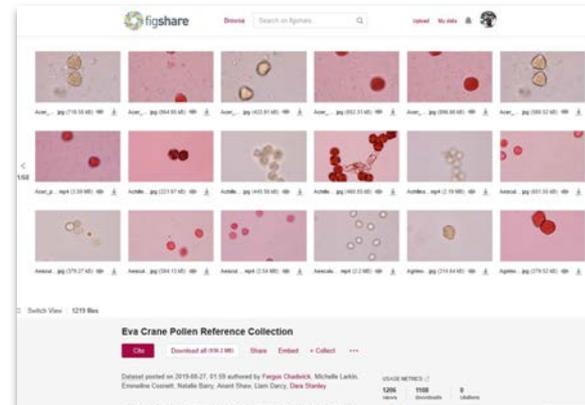
Usage Metrics: 1399 views, 467 downloads, 1 citation



T cell signaling proteins 3D confocal microscope movies

Download all (126.76 GB) | Share | Embed | Collect

Usage Metrics: 1296 views, 758 downloads, 0 citations



Eve Crane Pollen Reference Collection

Download all (99.0 MB) | Share | Embed | Collect

Dataset posted on 2019-05-27, 01:59 authored by Fergal Cheek, Michelle Larkin, Ewantha Coomb, Nadia Bary, Anas Shaw, Liam Curry, Clava Starkey

Usage Metrics: 1296 views, 758 downloads, 0 citations

Create Records Programmatically

TOKEN

Create new article

Show samples </>

POST /account/articles

Curl Java C# PHP Perl Python Other

```
curl -X POST "https://api.figshare.com/v2/account/articles"
```

Create a new Article by sending article information

Parameters ^

See complete body description in Body Schema section to the right

Article

```
{  "title": "Test article title",  "description": "Test description of article",  "is_metadata_record": true,  "metadata_reason": "hosted somewhere else",  "tags": [    "tag1",    "tag2"  ],  "keywords": [
```

Content type: application/json

API REFERENCE

Figshare documentation

- Articles
 - Public articles
 - Public articles search
 - Public article
 - Public article embargo for article version
 - Public article confidentiality for article version
 - Public article files
 - Private articles search
 - Private articles
 - Private article
 - Create new article
 - Delete article
 - Article details
 - Update article

<https://docs.figshare.com>

figshare help [figshare.com](https://docs.figshare.com) Search help articles

How to use the Figshare API

This guide is written for those who may be relatively new to APIs and even new to programming. Rather than a comprehensive guide to using the Figshare API, we hope this gives you a feel for how it works and what it is capable of. This is a first step in going beyond the already powerful repository management and reporting tools available in the Figshare user interface.

Institutions may be interested in how the API can be used to customize the user interface or perform migrations. We've provided examples of these at the [bottom of this page](#).

Why the API?

The thing that makes Figshare so great is that it is customizable and adaptable to your use case or institution. The API provides flexibility in how you interact with your records. As an individual you might want to programmatically access your items or upload a really big file. If you manage an institution's repository, you may want to programmatically search your repository, access records in bulk, or manage users, among many other possibilities.

The Figshare API documentation provides all the technical information needed to interact with the API and it also gives helpful hints. Our API documentation lives at <https://docs.figshare.com/>.

The documentation is more than just something to read through. You can interact with the API right from that page. Entering your API token ([learn how to get one](#)) in the top left will allow you to use more of the API features, but for the endpoints that return public information, no token is necessary. An endpoint is just a URL address that can contain query information. If you access an endpoint

Integrations With Other Tools

Integrations

Connect and sync your **figshare** account with other apps.



ORCID

0000-0001-7641-6588

⚙️ CONFIGURE



GitHub

amckennafoster

⚙️ CONFIGURE



GitLab

Connect



BitBucket

Connect



FTP login details ⓘ

Username: 1941845

Password: use the same one
used to login to this account

- [RSpace](#)
- [Overleaf](#)
- [Open Science Framework](#)
- [ImpactStory](#)
- [Lab Folder](#)
- [Others \(list of apps\)](#)

Create items

- snapshot Git-based systems
- integrate with lab notebooks
- pull in metadata from ORCID

Give every output a DOI

figshare Browse Search on Figshare+... Q

Video#14...mp4 (28.14 MB) Video#1...mp4 (445.84 MB) Video#2...mp4 (285.6 MB) Video#3...mp4 (227.72 MB) Video#4...mp4 (51.21 MB)

Video#5...mp4 (51.01 MB) Video#6...mp4 (53.81 MB) Video#7...mp4 (50.45 MB) Video#8...mp4 (53.38 MB) Video#9...mp4 (53.52 MB)

Video#1...mp4 (158.42 MB) Video#1...mp4 (475.59 MB) Video#1...mp4 (198.42 MB) Video#1...mp4 (158.89 MB)

Switch View 14 files

Retinal Optic Flow During Natural Locomotion - Videos

Cite Download all (2.24 GB) Share Embed + Collect

DataCite

Mathis, Jonathan; Muller, Karl S; Bonnen, Kathryn L; Hayhoe, Mary M. (2022): Retinal Optic Flow During Natural Locomotion - Videos. Figshare+. Media. <https://doi.org/10.25452/figshare.plus.17121686.v1> Copy citation

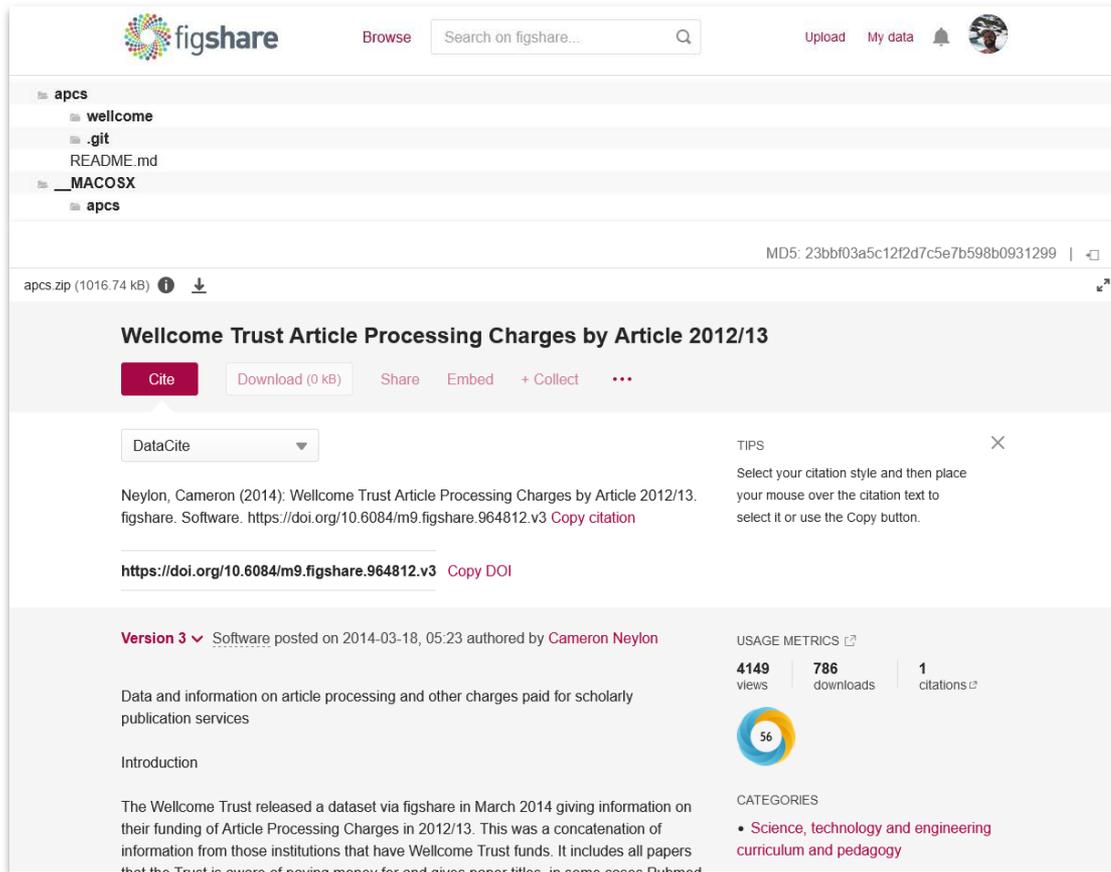
<https://doi.org/10.25452/figshare.plus.17121686.v1> Copy DOI

TIPS Select your citation style and then place your mouse over the citation text to select it or use the Copy button.

A Persistent Identifier (PID) will

- Provide persistent access
 - Reduce link rot
- Provide clear reference in documentation to outputs
- With DOIs, metadata stored with DOI provider - discoverability

Create a DOI for a GitHub Repository



The screenshot shows a Figshare repository page for a dataset named "apcs.zip (1016.74 kB)". The dataset is titled "Wellcome Trust Article Processing Charges by Article 2012/13". The page includes a "Cite" button, a "Download (0 kB)" button, and a "Share" button. A citation preview is shown, including the author "Neylon, Cameron (2014)", the title "Wellcome Trust Article Processing Charges by Article 2012/13", and the DOI "https://doi.org/10.6084/m9.figshare.964812.v3". The page also displays usage metrics: 4149 views, 786 downloads, and 1 citation. The dataset is categorized under "Science, technology and engineering curriculum and pedagogy".

figshare Browse Upload My data  

apcs

- wellcome
- .git
- README.md

__MACOSX

- apcs

MD5: 23bbf03a5c12f2d7c5e7b598b0931299 | 

apcs.zip (1016.74 kB)  

Wellcome Trust Article Processing Charges by Article 2012/13

Cite Download (0 kB) Share Embed + Collect ...

DataCite 

Neylon, Cameron (2014): Wellcome Trust Article Processing Charges by Article 2012/13. figshare. Software. <https://doi.org/10.6084/m9.figshare.964812.v3> Copy citation

<https://doi.org/10.6084/m9.figshare.964812.v3> Copy DOI

Version 3  Software posted on 2014-03-18, 05:23 authored by [Cameron Neylon](#)

USAGE METRICS 

4149 views | 786 downloads | 1 citations 

Data and information on article processing and other charges paid for scholarly publication services

Introduction

The Wellcome Trust released a dataset via figshare in March 2014 giving information on their funding of Article Processing Charges in 2012/13. This was a concatenation of information from those institutions that have Wellcome Trust funds. It includes all papers that the Trust is aware of paying money for and gives paper titles, in some cases PubMed

CATEGORIES

- Science, technology and engineering curriculum and pedagogy



Create a DOI for a Collection of Items

The screenshot shows a web browser window displaying a Figshare collection page. The browser's address bar shows the URL: https://figshare.com/collections/DATA_FROM_Global_raster_dataset_on_historic_coastline_positions_and_shelf_sea_extents_since_the_Last_Glacial_Maximum/5754779. The page header includes the Figshare logo, a search bar, and navigation links for 'Upload', 'My data', and a user profile icon. The main content area features the collection title, a 'Follow' button, and metadata including the posting date (2022-07-12), author (Johannes De Groeve), and usage metrics (528 views, 0 citations). A descriptive paragraph follows, mentioning datasets and scripts used in the analysis. A 'SETUP R-PROJECT' section provides instructions for creating a project directory and downloading datasets. A 'Read the peer-reviewed publication' box highlights the associated research paper. The page also lists the author's affiliation (University of Amsterdam and Amsterdam University of Applied Sciences) and a list of other authors (Johannes De Groeve, Buntarou Kusumoto, Erik Koene, W.D. Kissling, and A.C. Seijmonsbergen). A 'Show footer' button is located in the bottom right corner.

DATA FROM: Global raster dataset on historic coastline positions and shelf sea extents since the Last Glacial Maximum

[+ Follow](#) Posted on 2022-07-12 - 06:40 authored by [Johannes De Groeve](#) ... [USAGE METRICS](#)

Datasets and scripts supporting the analyses performed in "Global raster dataset on historic coastline positions and shelf sea extents since the Last Glacial Maximum".

528 views | 0 citations

Read the peer-reviewed publication

Global raster dataset on historic coastline positions and shelf sea extents since the Last Glacial Maximum

UNIVERSITY OF AMSTERDAM

Amsterdam University of Applied Sciences

AUTHORS (13)

- [JD](#) Johannes De Groeve
- [BK](#) Buntarou Kusumoto
- [EK](#) Erik Koene
- [WK](#) W.D. Kissling
- [A.C.](#) Seijmonsbergen

[Show footer](#)

SETUP R-PROJECT:

To facilitate the reuse of scripts and datasets we suggest to use the following workflow to recreate the project and directory structure. This workflow uses the AGE and SLW datasets using GEBCO 2019 on which figures in the manuscript are based. However both global raster datasets

are also generated using GEBCO 2021 as reference bathymetry

STEP 1:

Download and *unzip* the SETUP-file (SETUP for rproject GEB). A directory 17229620 will be created. Do *not* rename this directory.

STEP 2:

Download all other files of the collection *without* unzipping. To download a dataset, click on the dataset and then click the "download all" button. This will download all files per dataset as a zip.

STEP 3:

DOIs are Reservable and Versionable

Item actions

 Add embargo and restricted access

 Share with private link

 **Disable DOI** **Copy DOI**
10.0166/FK2.stagefigshare.8403020

The DOI becomes active when the item is published

 Edit timeline

Version 8 ▾ Dataset posted on 2022-01-24, 03:25 authored by **Malte Luecken**, Maren

Version 8 2022-01-24, 03:25

Version 7 2020-12-08, 02:45

Version 6 2020-12-07, 14:55

Version 5 2020-10-12, 08:16

Version 4 2020-09-25, 06:14

Version 3 2020-09-23, 01:19

Version 2 2020-09-01, 07:26

Version 1 2020-06-04, 09:27

terlandi, Michaela Müller, Daniel Strobl, Luke Zappia, Haché, Fabian Theis, **Kridsakorn Chaichoompu**

immune cell, and human and mouse immune cell
ks, and all ATAC mouse brain integration tasks from the
as-level data integration in single-cell genomics".

ed from public datasets, cell annotations were
d the data was consistently preprocessed using scran
on (for RNA tasks). In the immune cell datasets an
tory was also annotated. Details on dataset
the paper and in the accompanying Github at
ib/scib.

Please cite the paper and the papers the individual datasets were aggregated from when using this data.

Structured Metadata For all Outputs

EGU 2014 Presentation: Across-arc patterns in mafic-magma chemistry controlled by thermal and chemical gradients at the slab interface

Cite Download (0 kB) Share Embed + Collect ...

Presentation posted on 2014-08-15, 08:11 authored by [David Pyle](#), Sebastian Watt, Tamsin Mather, Jose Naranjo

Presentation by David Pyle at the European Geosciences Union congress, paper 2014-7228, based on our recent work in the southern volcanic zone of Chile.

Published in:

SFL Watt, DM Pyle, TA Mather, JA Naranjo, Arc magma compositions controlled by linked thermal and chemical gradients above the subducting slab, Geophysical Research Letters 40, 2550-2556.

SFL Watt, DM Pyle, TA Mather, The volcanic response to deglaciation: evidence from glaciated arcs and a reassessment of global eruption records, Earth Science Reviews 122, 77-102.

SFL Watt, DM Pyle, JA Naranjo, G Rosqvist, M Mella, TA Mather, H Moreno, Holocene tephrochronology of the Hualaihue region (Andean southern volcanic zone, ~ 42 S), southern Chile. Quaternary International (INTREPID volume), 246, 324-343.

HISTORY

• 2014-08-15 - First online date, Posted date

REFERENCES

• <http://dx.doi.org/10.1016/j.quaint.2011.05.029>

USAGE METRICS

705 views 283 downloads 0 citations

CATEGORIES

• Geology not elsewhere classified

KEYWORDS

chile volcanoes

Subduction Zone Magmatism

Hornopiren Apagado

Melt inclusions Geology

LICENCE



CC BY 4.0

EXPORTS

Select an option ▼

Structured Metadata For all Outputs

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  },  
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JA Naranjo, G Rosqvist, M Mella, TA Mather, H Moreno, Holocene tephrochronology of the Hualaihue regio  
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<lt;p>SFL Watt, DM Pyle, TA Mather, The volcanic response to deglaciation: evidence from glaciated arcs and a  
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<lt;p>SFL Watt, DM Pyle, JA Naranjo, G Rosqvist, M Mella, TA Mather, H Moreno, Holocene tephrochronology of the  
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<dc:subject>Geology</dc:subject>  
</dc:dc>
```

Linking and PID use

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DataCite

Pyle, David; Watt, Sebastian; Mather, Tamsin; Naranjo, Jose (2014): EGU 2014 Presentation: Across-arc patterns in mafic-magma chemistry controlled by thermal and chemical gradients at the slab interface. figshare. Presentation. <https://doi.org/10.6084/m9.figshare.1140374.v1> Copy citation

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TIPS
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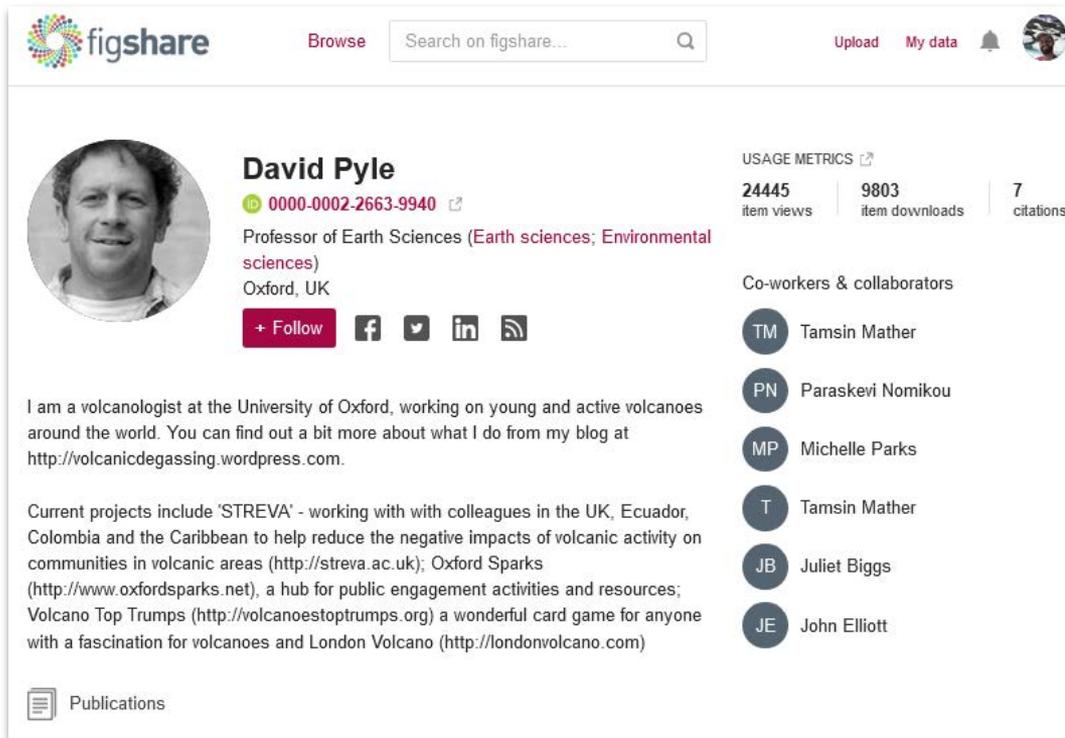
Is supplement to
Intratumoral resolution of driver gene mutation heterogeneity in renal cancer using deep learning

RELATED MATERIALS

1. URL - References <https://doi.org/10.25452/figshare.plus.c.5983795>
2. URL - References <https://github.com/Rajaram-Lab/cancrec-2022-intratumoral-heterogeneity-dl-paper>
3. URL - References https://github.com/Rajaram-Lab/cancrec-2022-intratumoral-heterogeneity-dl-paper/tree/master/Data_Files
4. DOI - Is supplement to [Intratumoral resolution of driver gene mutation heterogeneity in renal cancer using deep learning](#)  View PDF



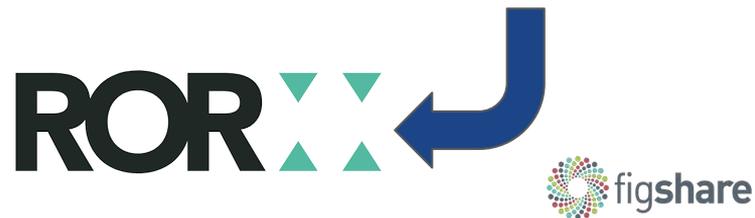
Linking and PID use



The screenshot shows a Figshare profile for David Pyle. At the top, there is a search bar and navigation links for 'Browse', 'Upload', and 'My data'. The profile includes a circular profile picture, the name 'David Pyle', and an ORCID ID '0000-0002-2663-9940'. Below this, it lists his title as 'Professor of Earth Sciences (Earth sciences; Environmental sciences)' and his location as 'Oxford, UK'. There are social media icons for Facebook, Twitter, LinkedIn, and RSS, along with a '+ Follow' button. Usage metrics show 24445 item views, 9803 item downloads, and 7 citations. A section for 'Co-workers & collaborators' lists Tamsin Mather (TM), Paraskevi Nomikou (PN), Michelle Parks (MP), Tamsin Mather (T), Juliet Biggs (JB), and John Elliott (JE). A bio paragraph states: 'I am a volcanologist at the University of Oxford, working on young and active volcanoes around the world. You can find out a bit more about what I do from my blog at <http://volcanicdegassing.wordpress.com>.' Another paragraph lists current projects: 'STREVA' (working with colleagues in the UK, Ecuador, Colombia and the Caribbean), Oxford Sparks (<http://www.oxfordsparks.net>), Volcano Top Trumps (<http://volcanoestoptrumps.org>), and London Volcano (<http://londonvolcano.com>). At the bottom, there is a 'Publications' link.

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ROR ids coming soon!



Link Funding

FUNDING

Regulation of Intestinal Epithelial Cell Proliferation

National Institute of Diabetes and Digestive and Kidney Diseases

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 Support

Grant

Regulation of Intestinal Epithelial Cell Proliferation

Funder: National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

Grant number: R01DK052230 - [Original description](#)

Investigators

VINCENT W YANG - [Stony Brook University](#)

PI

Research organization

[Stony Brook University](#), United States

Abstract

PROJECT SUMMARY/ABSTRACT The mammalian intestinal epithelium is a continuously renewing and highly regenerative tissue in which numerous biological processes such as proliferation, differentiation, migration, and apoptosis are carefully choreographed to achieve homeostasis. Studies have indicated that multiple signaling pathways including the WNT, NOTCH, BMP and HH form important components of the regulatory network and converge upon the intestinal crypts where intestinal stem cells (ISCs) reside. Recent studies have identified distinct populations of ISCs based on the markers that they express. At the present time ISCs are divided into two relatively broad functional groups: active ISCs (aISCs), a population of crypt base columnar (CBC) cells expressing LGR5, function as the multipotent stem cells during homeostasis, and quiescent or reserve ISCs

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Details

Funding amount

USD 7,755,285

Funding period

1997 - 2023

1 Jul 31 Mar

Program

Non-SBIR/STTR (Funding Mechanism)

Resulting publications

124



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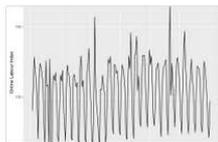


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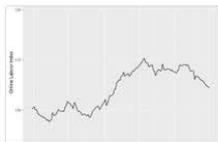


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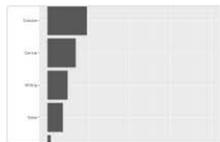
1/2



onlyTot... pdf (5.8 kB)



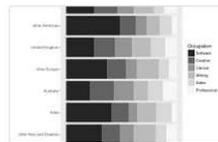
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USAGE METRICS

185848 views

287581 downloads

8 citations

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<https://doi.org/10.6084/m9.figshare.3761562>



Programmatic Access to Files and Metadata

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curl -X GET "https://api.figshare.com/v2/file/download/{file_id}"
```

Starts the download of a file

Parameters ^

file_id	(required)
	integer

Test this endpoint ^

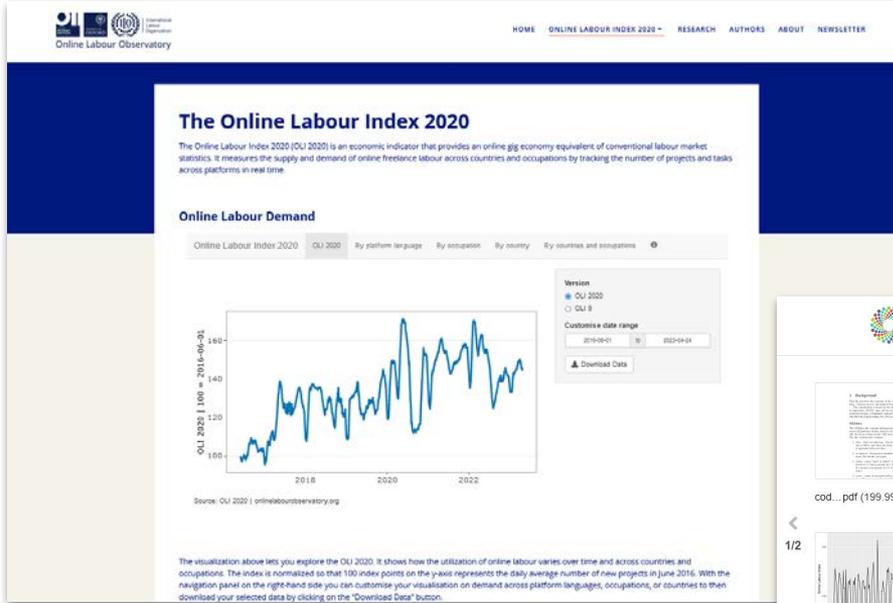
TRY

<https://docs.figshare.com>

The screenshot shows the top of the Figshare documentation page. It includes the Figshare logo, a search bar, and the main heading 'How to use the Figshare API'. Below the heading, there is introductory text about the guide's purpose and a section titled 'Why the API?' which explains the benefits of programmatic access.

Programmatic Access to Files and Metadata

R-shiny app visualizing the data



Run from a continuously updated Figshare dataset

The screenshot shows a Figshare dataset page for the 'Online Labour Index: Measuring the Online Gig Economy for Policy and Research'. The page displays a grid of 10 files, including PDFs and R scripts. The files are: 'cod...pdf (199.99 kB)', 'OLI-w...txt (2.93 kB)', 'OLI...pdf (738.03 kB)', 'PlotBuy...R (3.67 kB)', 'Plot28ma.R (2.59 kB)', 'onlyTot...pdf (5.6 kB)', 'onlyT...pdf (5.58 kB)', 'Occu...pdf (4.53 kB)', 'NewAn...R (2.54 kB)', and 'countr...pdf (5.49 kB)'. Each file has a download icon. The page also shows a search bar, a 'Log in' button, and a 'Sign up' button. At the bottom, there is a section for 'Online Labour Index: Measuring the Online Gig Economy for Policy and Research' with a 'File' button, a 'Download all (3.7 GB)' button, and 'Share', 'Embed', and '+ Collect' options. Usage metrics are shown: 185848 views, 287581 downloads, and 8 citations. The version is 2567, posted on 2023-04-24, 13:39, authored by otto kassi, Charlie Hadley, and Vili Lehdonvirta.



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Public articles search

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Private articles

search

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{  
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}
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Content type:

application/json ▼

ArticleSearch Search Parameters

REQUEST URL

https://api.figshare.com/v2/articles/search

RESPONSE BODY

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Discoverability

- Research that can be found and built upon
- Discoverable FAIR outputs offer doors opportunities for innovation and collaboration
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- Someone searching by topic can find many related outputs needed for replication or reuse

Google, Google Scholar, and Google Dataset Search

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Figshare Guides for NIH Data

Guide to Sharing NIH Research on Figshare

<https://help.figshare.com/article/guide-to-sharing-nih-funded-research-on-figshare-com>

Guide to Including Figshare in a DMP

<https://help.figshare.com/article/how-to-write-a-data-management-plan-dmp-and-include-figshare-in-your-data-sharing-plans>

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Thank you!

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Government & Funder Lead
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