

# Building an Interconnected Scholarly Ecosystem with Persistent Identifiers (PIDs)

**Gabriela Mejias and Mohamad Mostafa**

*Global Young Academy Open Science Lecture Series, Open Science First Fridays  
6 September 2024, Online*



[@gabioshka](#)

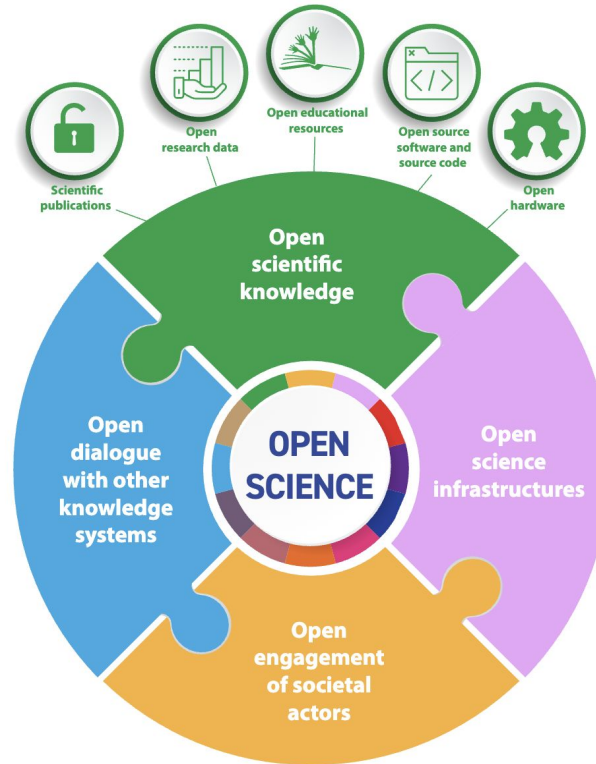
[@\\_MohamadMostafa](#)

[@datacite](#)



# Open Science

# Open Science Pillars



Source: UNESCO Recommendation on Open Science, 2021

<https://doi.org/10.54677/MNMMH8546>

# Open Research Infrastructure

UNESCO defines open research (or open science) infrastructures as “*shared research infrastructures that are needed to support open science and serve the needs of different communities*”.

Open research infrastructures are often built by *non-profit organizations* and are governed, driven, and sustained by their *communities*, ensuring long-term sustainability. The goal is to increase transparency, equity, and fairness, better serving the interests of the scholarly community and the public by building a trusted research ecosystem.

Source: UNESCO Recommendation on Open Science, 2021

<https://doi.org/10.54677/MNMH8546>

# Open Research Infrastructure

The critical components of open science infrastructures allow for 'unambiguous identification of scientific items by unique persistent identifiers'. They provide essential open and standardized services to manage and provide access, portability, analysis and federation of data, scientific literature, thematic science priorities or community engagement. These include, *inter alia*, open science platforms and repositories for publications, research data and source codes, software forges and virtual research environments, digital research services and open laboratories.

Different repositories are adapted to the specificity of the items they contain (publications, data or code), to local circumstances, user needs and the requirements of research communities, yet should adopt interoperable standards, diverse practices and best practices to ensure the content in repositories is appropriately vetted, discoverable and reusable by humans and machines.

<sup>1</sup> Examples of unique persistent identifiers (PIDs) include [ORCID](#) IDs for people, digital object identifiers (DOIs) for publications and grants, [DataCite DOIs](#) for datasets, [ROR](#) IDs for organizations, research activity identifiers ([RAID](#)) for research projects

actors and open dialogue with other knowledge systems.

For maximum efficiency and impact, open science should build on long-term practices, services, infrastructures and funding models that ensure the equal participation of scientific producers from less privileged institutions and countries.

Open science infrastructures should be organized and financed on a primarily not-for-profit and long-term vision, which enhance open science practices and guarantee permanent and unrestricted access to all, to the largest extent possible.

Source: UNESCO, Bolstering Open Science Infrastructures for all, 2022

<https://doi.org/10.54677/QZPQ1991>

# Principles of Open Scholarly Infrastructure

First developed in a 2015 blog post, POSI offers a set of guidelines (**governance, sustainability, technical insurance**) by which open scholarly infrastructure organisations and initiatives that support the research community can be run and sustained.



<https://openscholarlyinfrastructure.org/>

# Persistent Identifiers (PIDs)

# PIDs

## What is a persistent identifier (PID)?

<https://doi.org/10.34848/GJO6SY>

Unique alphanumeric string referring to a digital resource.



<https://research-data.urosario.edu.co/dataset.xhtml?persistentId=doi:10.34848/GJO6SY>

*Always points to the same resource (a metadata representation)*

**DOIs** for research outputs and resources

<https://doi.org/10.5281/zenodo.3630248>



**ORCID iDs** for researchers

<https://orcid.org/0000-0001-6622-4910>



**ROR IDs** for research organizations

<https://ror.org/01y2jtd41>





# PIDs for People



ORCID

Connecting research and researchers

**Gabriela Mejias**

Gabi Mejias; Габриела Мехеяс



<https://orcid.org/0000-0002-1598-7181>



DataCite Global Access Program (GAP) مقدمة عن داتاسيت وبرنامج الوصول العالمي

Zenodo

2023-09-05 | Other

DOI: [10.5281/zenodo.8319145](https://doi.org/10.5281/zenodo.8319145)

CONTRIBUTORS: Mohamad Mostafa

Source:  DataCite

# PIDs for Research Organizations



<https://ror.org/049tgcd06>

## Indian Institute of Technology Delhi

**OTHER NAMES:** IIT Delhi, IITD, Institut indien de technologie de delhi (fr), भारतीय तंत्रज्ञान संस्था (mr), भारतीय प्रौद्योगिकी संस्थान दिल्ली (hi), இந்திய தொழில்நுட்பக் கழகம் தில்லி (ta), ಇಂಡಿಯನ್ ಇನ್ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ ಡೆಹಲಿ (te), ಇಂಡಿಯನ್ ಇನ್ ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ ದೆಹಲಿ (kn), ഇന്ത്യൻ ഇൻസ്റ്റിറ്റ്യൂട്ട് ഓഫ് ടെക്നോളജി ഡെൽഹി (ml)

### ORGANIZATION TYPES

Education, Funder

### LOCATIONS

New Delhi (GeoNames ID 1261481), India

### WEBSITE

<http://www.iitd.ac.in/>

### OTHER IDENTIFIERS

GRID grid.417967.a

ISNI 0000 0004 0558 8755

Crossref Funder ID 501100007488

Wikidata Q1194650

<https://ror.org/013pajk64>

## Universidade Fundação Mineira de Educação e Cultura

**OTHER NAMES:** FUMEC, FUMEC University (en), Universidade FUMEC (pt)

### ORGANIZATION TYPES

Education

### LOCATIONS

Belo Horizonte (GeoNames ID 3470127), Brazil

### WEBSITE

<http://www.fumec.br/>


### OTHER IDENTIFIERS

GRID grid.442091.a

ISNI 0000 0004 4684 7338

Wikidata Q10387822





# PIDs for Research Objects



Explore data | Search


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## Seasonally optimized calibrations improve low-cost sensor performance: Long-term field evaluation of PurpleAir sensors in urban and rural India

Campmier, Mark, University of California, Berkeley,  <https://orcid.org/0000-0001-8614-6470>  
Gingrich, Jonathan, Dordt College  
Singh, Saumya, University of California, Berkeley  
Baig, Nisar, Indian Institute of Technology Delhi  
Gani, Shahzad, Indian Institute of Technology Delhi,  <https://orcid.org/0000-0002-6966-0520>  
Upadhy, Adithi, ILK Labs  
Agrawal, Pratyush, Center for Study of Science Technology and Policy,  <https://orcid.org/0000-0003-4298-7854>  
Kushwaha, Meenakshi, ILK Labs  
Mishra, Harsh Raj, University of Gothenburg  
Pillariseti, Ajay, University of California, Berkeley  
Vakacherla, Sreekanth, Environmental Defense Fund,  <https://orcid.org/0000-0003-0400-6584>  
Pathak, Ravi Kant, University of Gothenburg  
Apte, Joshua S., University of California, Berkeley  
[mark\\_campmier@berkeley.edu](mailto:mark_campmier@berkeley.edu)  
Published Aug 14, 2023 on Dryad. <https://doi.org/10.6078/D1RQ70>

**Data files**


▶ Aug 14, 2023 version files 880.57 KB

 Download full dataset


**Related works**


Primary article  
<https://doi.org/10.5194/amt-2023-35>


**Share**




**Metrics**

 98 views

 0 downloads

 1 citations

**Subject keywords**

Cite this dataset 

Campmier, Mark et al. (2023). Seasonally optimized calibrations improve low-cost sensor performance: Long-term field evaluation of PurpleAir sensors in urban and rural India [Dataset]. Dryad.  
<https://doi.org/10.6078/D1RQ70>

**DataCite**

**We are a global community that shares a common interest:** to ensure that research outputs and resources are openly available and connected so that their reuse can advance knowledge across and between disciplines, now and in the future.

As a community, we make research more effective with metadata that connects research outputs and resources—**from samples and images to data and preprints**. We enable the creation and management of persistent identifiers (PIDs), integrate services to improve research workflows, and facilitate the discovery and reuse of research outputs and resources.

A non profit organization registered in Hannover, Germany since 2009.

# Our Community



**3200+**

**Repositories**



**55**

**Countries**



**60m+**

**DOIs**



**1400+**

**Organizations**

# Types of Research Outputs

**DataCite DOIs are suitable for a wide range of research outputs:**

1. Research datasets and collections, associated workflows, software, images, and models
2. Grey literature such as theses, dissertations, reports, unpublished conference papers, newsletters, preprint journal articles, technical standards, and specifications for which the institutional repository is the primary publication point.

# Resource Types in DataCite Registry

<input type="checkbox"/> Dataset	18,248,664
<input type="checkbox"/> Physical Object	14,557,874
<input type="checkbox"/> Text	13,351,070
<input type="checkbox"/> Image	4,629,226
<input type="checkbox"/> Other	2,593,132
<input type="checkbox"/> Journal Article	1,343,094
<input type="checkbox"/> Preprint	1,214,131
<input type="checkbox"/> Collection	1,018,531
<input type="checkbox"/> Software	516,469
<input type="checkbox"/> Audiovisual	482,345
<input type="checkbox"/> Dissertation	200,101
<input type="checkbox"/> Report	130,052
<input type="checkbox"/> Conference Paper	124,251
<input type="checkbox"/> Project	109,450
<input type="checkbox"/> Interactive Resource	109,130

<input type="checkbox"/> Book	97,050
<input type="checkbox"/> Event	79,156
<input type="checkbox"/> Sound	55,402
<input type="checkbox"/> Book Chapter	46,879
<input type="checkbox"/> Model	18,762
<input type="checkbox"/> Data Paper	16,238
<input type="checkbox"/> Journal	13,780
<input type="checkbox"/> Workflow	6,843
<input type="checkbox"/> Conference Proceeding	5,874
<input type="checkbox"/> Output Management Plan	4,325
<input type="checkbox"/> Standard	2,900
<input type="checkbox"/> Peer Review	2,744
<input type="checkbox"/> Computational Notebook	1,700
<input type="checkbox"/> Service	444
<input type="checkbox"/> Study Registration	76



# DOIs for Various Outputs



รหัสดีไอโอ

รหัสดีไอโอ	10.14457/TU.the.2022.1015
Title	แนวทางการออกแบบทางเดินคนข้ามทางม้าลายเพื่อส่งเสริมความปลอดภัยทางถนนในเขตกรุงเทพมหานคร
Creator	พงศ์เทพ วงศ์แหลมทอง
Contributor	ภาวิณี เอี่ยมตระกูล, ธีปรีภษา
Publisher	มหาวิทยาลัยธรรมศาสตร์
Publication Year	2565
Keyword	การออกแบบทางเดินคนข้าม, ความปลอดภัยทางถนน, ทางม้าลายในกรุงเทพมหานคร, Pedestrian crossing design, Road safety crossing in Bangkok

## Koori critical storytelling: re-imagining to re-connect with memories, archives, and Country

Wendy Somerville  
Student thesis: Doctoral Thesis

### Abstract

This thesis introduces Koori Critical Storying as an approach to the recovery and revitalisation of Koori connection to Country, history and knowledge. The dispossession and displacement of Kooris following colonisation has meant many Kooris have lost the close connection to Country and the affinity with people and community that their ancestors experienced. As a consequence, a fracturing of knowledge and of relationality to Country and people has occurred. In an effort to help bridge these fissures in knowledge and loss, this thesis develops Koori Critical Storying as a methodological tool that offers possible pathways to re-connection of relationality to Country and people. Storying brings vitality to Koori culture. It is key to the transfer of knowledge and culture from generation to generation. Koori Critical Storying, through its mobilisation of varied storytelling registers that underpin diverse modes of wayfinding, empowers Koori research into family in Koori Country through re-storying with Country, archives, memories, and yarning. This new methodological approach is needed to tell the stories of us in our ways grounded in experiential Koori contexts.

### Documents

Somerville, Wendy  
File: application/pdf, 4.29 MB  
Type: Full Text

### Links

<https://doi.org/10.26191/tref-rr40>



ScholarBank@NUS / 1. Staff / Staff Publications

Please use this identifier to cite or link to this item: <https://doi.org/10.25818/8xh7-kj52>

Title:	The Year in Review: Policy and Political Developments in 2021
Authors:	Avinash, R
Issue Date:	Apr-2022
Citation:	Avinash, R (2022-04). The Year in Review: Policy and Political Developments in 2021 : 1-46. ScholarBank@NUS Repository. <a href="https://doi.org/10.25818/8xh7-kj52">https://doi.org/10.25818/8xh7-kj52</a>

# DOIs for Various Outputs

Collection

## CSIRO Smouldering Emissions 2022 - Software

Description Files Image Gallery Services

### About this collection

Roulston, Christopher Lynton, Dylan Molloy, Suzannah Powell, Jennifer Taylor, Sally Reisen, Fabienne

#### Collection description

The data set contains emission factors derived from samples taken of smouldering combustion during hazard reduction fires undertaken in the 2020 and 2021 season in Victoria. This collection contains the raw instrument data, processing software, and the final determined emission factors and QG/QA data fields. It also combines historic measurement data produced in 2015 and publishing in 2018 by Reisen et al.

#### Access

The metadata and files (if any) are available to the public.

### About this project

#### Project title

Smouldering combustion

#### Project description

While emissions during the rapid and intense flaming combustion of fine fuels are lofted by convection, particles emitted during the slow and prolonged smouldering combustion of heavy fuels remain close to the ground and can have significant impacts on the local air quality. The objective of this project is to refine the accuracy and robustness of the AQFx system to better quantify particle emissions and plume rise during the smouldering phase of prescribed burns.

Software

Published

18 Sep 2023

Contact

Fabienne Reisen  
fabienne.reisen@csiro.au

Licence

BSD 3-Clause Licence

BSD

Permalink

Copy this persistent link to share this July 1, 2010

<https://doi.org/10.25919/pajm-gn6>

Figure Open Access

## Figure 1: The ECG model-MAPPING BETWEEN SEMANTIC GRAPHS AND SENTENCES IN GRAMMAR INDUCTION SYSTEM

Laszlo Kovacs; Barna Iantovics

The following Figure 1 shows a sample semantic graph that describes a simple test world.

During the processing of the ECG, the base units of the graph are the ECG atoms. An ECG atom corresponds to a primitive statements related to one predicate. It has a structure of one-level deep tree, where the root of the tree is the predicate and the concepts linked to it are the leaves. The child concept of the root predicate may be not only a single concept but it can be another ECG atom.

<https://www.edusoft.ro/brain/index.php/brain/issue/view/7>

Preview

19 views 6 downloads  
See more details...

Indexed in  
OpenAIRE

Publication date:  
July 1, 2010  
DOI:  
DOI 10.5281/zenodo.1142824  
Keyword(s):  
statistical learning conceptual graph word grammar  
seman- tic annotation

# DOI Value & Impact

# DOIs & FAIR



DataCite DOIs are unique and **persistent**. They are centrally managed and governed by the International DOI Foundation (IDF).



DataCite DOIs use https protocol and resolve to a landing page. DataCite stores metadata via reliable community owned **infrastructure** and makes it available openly.



The DataCite metadata schema is provided in XML and other formats. **Links** to other PIDs e.g Crossref DOIs, ORCIDs & ROR IDs can be included in the metadata of any DataCite DOI.



The DataCite Metadata Schema is a list of core metadata properties chosen for an accurate and consistent identification of a resource for **citation** and retrieval purposes. Metadata gives includes options to describe when and by whom the content was made.



- (META)DATA ARE ASSIGNED A GLOBALLY UNIQUE AND PERSISTENT IDENTIFIER



- (META)DATA ARE RETRIEVABLE VIA AN IDENTIFIER USING A STANDARDIZED PROTOCOL
- METADATA ARE ACCESSIBLE, EVEN WHEN THE DATA ARE NO LONGER AVAILABLE



- (META)DATA USE A FORMAL, ACCESSIBLE, SHARED, AND BROADLY APPLICABLE LANGUAGE KNOWLEDGE REPRESENTATION.
- (META)DATA INCLUDE QUALIFIED REFERENCES TO OTHER (META)DATA



- META(DATA) ARE DESCRIBED WITH A PLURALITY OF ACCURATE & RELEVANT ATTRIBUTES
- (META)DATA ARE ASSOCIATED WITH DETAILED PROVENANCE

# DOIs help to:

- Improve **visibility** and **discoverability**
- Enhance the **accessibility** of your outputs
- Make your research datasets **FAIR**
- Obtain recognition for **all** your research outputs beyond journal articles
- Increase **citations**
- Connect your research outputs and resources with the **global ecosystem**
- Increase the **impact** of your institution
- Promote **Open Research** practices & **FAIR Principles**

<https://www.unesco.org/en/open-science/about>



## DOI Citation Formatter

Paste your DOI:

For example 10.1145/2783446.2783605

Select Formatting Style:

Begin typing (e.g. Chicago or IEEE.) or use the drop down menu.

Select Language and Country:

Begin typing (e.g. en-GB for English, Great Britain) or use the drop down menu.

Format

Garza, K., Goble, C., Brooke, J., & Jay, C. (2015). Framing the community data system interface. In Proceedings of the 2015 British HCI Conference. British HCI 2015: 2015 British Human Computer Interaction Conference. ACM.  
<https://doi.org/10.1145/2783446.2783605>

<https://citation.crosscite.org/>

# Connecting Research

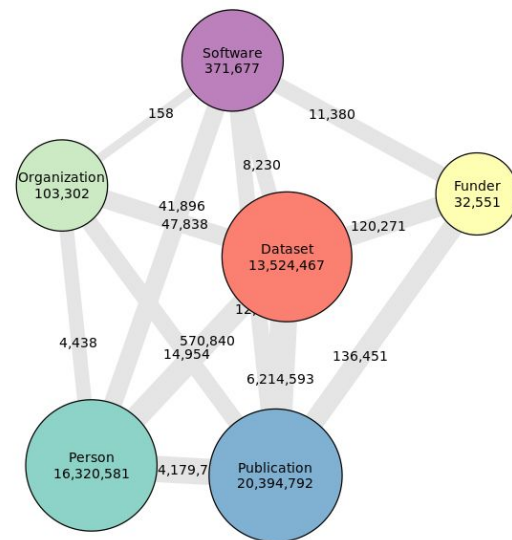
# Find and Connect Research

## Find Research with DataCite Commons



## PID Graph

Number of nodes and connections (7 March 2023)



<https://commons.datacite.org/>



# Find a dataset



## DataCite Commons

comparative analysis of the S-locus and nuclear SSR

Pages ▾ Support

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[Works](#) [People](#) [Organizations](#)

### 2 Works

#### Publication Year

2012 2

#### Work Type

Dataset 1

Text 1

#### License

CC0-1.0 1

#### Language

English 1

#### Registration Agency

Crossref 1

DataCite 1

### Data from: Impact of negative frequency-dependent selection on mating pattern and genetic structure: a comparative analysis of the S-locus and nuclear SSR loci in *Prunus lannesiana* var. *speciosa*

Kato Shuri, Teruyoshi Nagamitsu, Hiroyoshi Iwata, Yoshihiko Tsumura, Yuzuru Mukai, K Michiharu, K Saika & K Junko  
Version 1 of Dataset published 2012 in [DRYAD](#)

Mating processes of local demes and spatial genetic structure of island populations at the self-incompatibility (S-) locus under negative frequency-dependent selection (NFDS) were evaluated in *Prunus lannesiana* var. *speciosa* in comparison with nuclear simple sequence repeat (SSR) loci that seemed to be evolutionarily neutral. Our observations of local mating patterns indicated that male-female pair fecundity was influenced by not only self-incompatibility, but also various factors such as kinship, pollen production and flowering synchrony. In spite of the mating bias caused by these factors, the NFDS effect on changes in allele frequencies from potential mates to mating pollen was detected at the S-locus but not at the SSR loci although the changes from adult to juvenile cohorts were not apparent at any loci. Genetic differentiation and isolation-by-distance over various spatial scales were smaller at the S-locus than at the SSR loci, as expected under the NFDS. All ele sharing distributions among the populations also had a unimodal pattern at the S-locus, indicating the NFDS effect except for alleles unique to individual populations probably due to isolation among islands, although this pattern was not exhibited by the SSR loci. Our results suggest that the NFDS at the S-locus has an impact on both the mating patterns and the genetic structure in the *P. lannesiana* populations studied.

DOI registered April 17, 2012 via DataCite.



1 Citation 103 Views 16 Downloads

[Dataset](#) [English](#)

<https://doi.org/10.5061/dryad.7c425>

# Bring citations to the surface

1 Reference

1 Citation



**Impact of negative frequency-dependent selection on mating pattern and genetic structure: a comparative analysis of the S-locus and nuclear SSR loci in *Prunus lannesiana* var. *speciosa***

K Shuri, K Saika, K Junko, K Michiharu, T Nagamitsu, H Iwata, Y Tsumura & Y Mukai

Journal Article published 2012 in [Heredity](#)

DOI registered via Crossref.

👍 1 Citation

Journal Article

<https://doi.org/10.1038/hdy.2012.29>

# Organizations - citations and use



**World Agroforestry Centre** <https://ror.org/01kmz4383>

2,915  
Works

29  
Citations

1,116  
Views

262  
Downloads

Founded 1978

Links

[Homepage](#)

[Wikipedia](#)

[Twitter](#)

Geolocation

1° 14' 11.67" S 36° 49' 08.4216" W

Kenya

Nonprofit

DataCite Consortium Organization

<https://ror.org/01kmz4383>

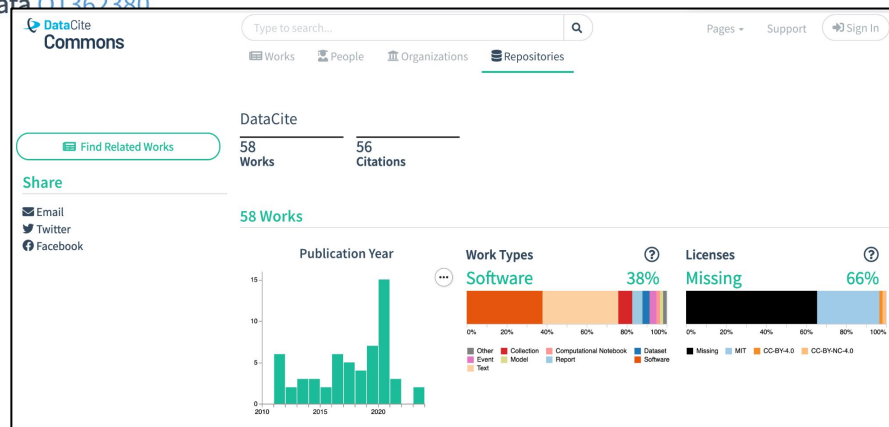
Other Identifiers

GRID grid.435643.3

Crossref Funder ID [10.13039/501100015769](#)

ISNI [0000000099721350](#)

Wikidata [Q1362380](#)



# Benefits for researchers

# DataCite & ORCID Auto update



## Requirements for ORCID auto-update

For the auto-update to work you will need:

- An ORCID record.
- A [DataCite Profiles](#) account with ORCID permissions enabled.
- The DOI metadata includes your ORCID iD.



Auto-update will trigger for findable DOIs registered or updated after the user enables the auto-update. To trigger the ORCID auto-update for existing DOIs, you will need to make an update to one of the following fields:

- Creator
- RelatedIdentifier
- FundingReference

# DataCite & ORCID Auto update



Works (9) + Add ≡ Sort

Select all (9) Items currently selected (0)

Actions ▾ Manage similar works

- Search & link
- Add DOI
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Import your publications from Crossref's authoritative, publisher-supplied metadata on over 70 million scholarly journal and ... [Show more](#)

**DOE OSTI.GOV**

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# DataCite & ORCID Auto update



DataCite Profiles

Admin ▾

Support

Mary Hirsch ▾

## DataCite Profiles

Please register for DataCite services that require authentication

- Settings
- Commons Page
- ORCID Record
- Sign Out



Type to search...



Works

People

Organizations

Repositories

### Family Resources Survey, 1993-1994

<https://doi.org/10.5255/ukda-sn-3332-1>

1 Citation

Add to ORCID Record

Download Metadata

# DataCite & ORCID Auto update



[ORCID] Gabriela Mejias you have new notifications ▾ Inbox x



update@notify.orcid.org  
to me ▾

Tue, 2 May 2023, 18:12 ★

## ORCID

Hi Gabriela Mejias (<https://orcid.org/0000-0002-1598-7181>).

You've got new notifications on your ORCID record. To see more details for a particular notification or to take action please [visit your ORCID notification inbox](#).

### Your new notifications

#### ● YOUR RECORD

DataCite has made changes to your ORCID record

Showing 1 out of 1 changes made by this client

#### WORKS

##### Added

- DataCite in Buenos Aires, a recap of the csv,conf,v7 (2023-05-02)

#### Why did I get this email?

You have received this email either because you opted in to notifications about your ORCID record or because it is a service announcement related to your record. You can adjust the frequency of these emails and manage other subscription preferences in your [account settings](#).

[Learn more about how your notification inbox works](#)

[Your email preferences](#) [ORCID privacy policy](#) [ORCID.org](#)

### Building an Open Science Monitoring Framework with open technologies

Zenodo

2024-01-31 | Other

DOI: [10.5281/zenodo.10600863](https://doi.org/10.5281/zenodo.10600863)

CONTRIBUTORS: Marin Dacos; Steven Crawford; Eric Jeangirard; Lucy Montgomery; Cameron Neylon; Arianna Becerril; Jason Priem; Patrice Lopez; Inge Stegeman; Ismael Rafols et al.

[Show more detail](#)

Source: ✔ DataCite ★ Preferred source (of 3)

### Conectados en Buenos Aires, nuestro primer evento presencial para nuestra comunidad latinoamericana

DataCite

2023 | Other

DOI: [10.5438/pmyd-1r89](https://doi.org/10.5438/pmyd-1r89)

CONTRIBUTORS: Gabriela Mejias; Mary Hirsch; Arturo Garduño-Magaña

[Show less detail](#)

#### Contributors

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Mary Hirsch ([0000-0002-6628-8225](https://orcid.org/0000-0002-6628-8225))

Arturo Garduño-Magaña ([0000-0003-0305-9086](https://orcid.org/0000-0003-0305-9086))

#### Description

Desde el establecimiento del primer consorcio DataCite en Latinoamérica en 2020, hemos estado deseando interactuar con nuestra comunidad en persona. Después de tres años de webinars y reuniones virtuales, DataCite Connect Buenos Aires reunió a nuestra comunidad latinoamericana en el marco de la csv,conf,v7 en Buenos Aires (Argentina). Estamos felices de que miembros de Argentina, Brasil, Chile, Colombia y México nos hayan acompañado para hacer contactos y discutir la adopción y colaboración de DataCite en Latinoamérica.

#### Added

2023-07-28

#### Last modified

2023-07-28

Source: ✔ DataCite



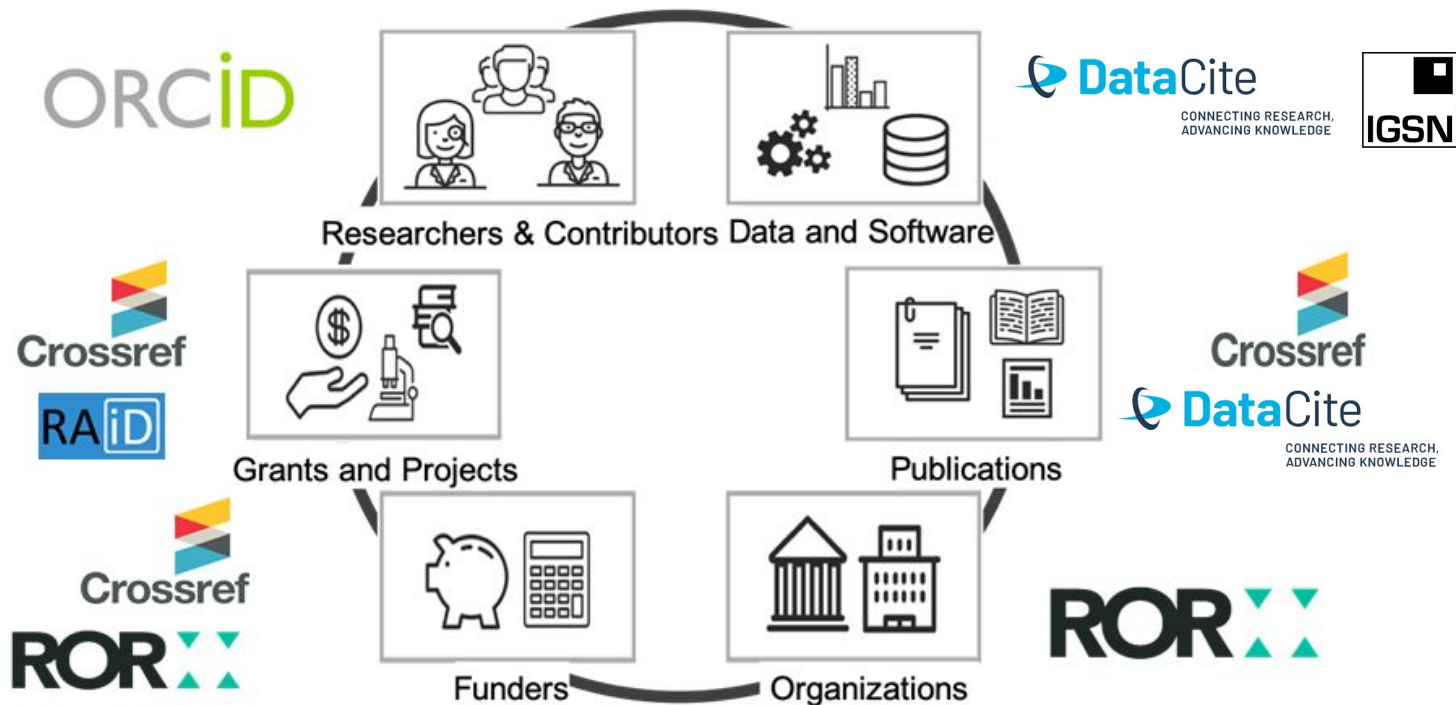
# Tools for your research



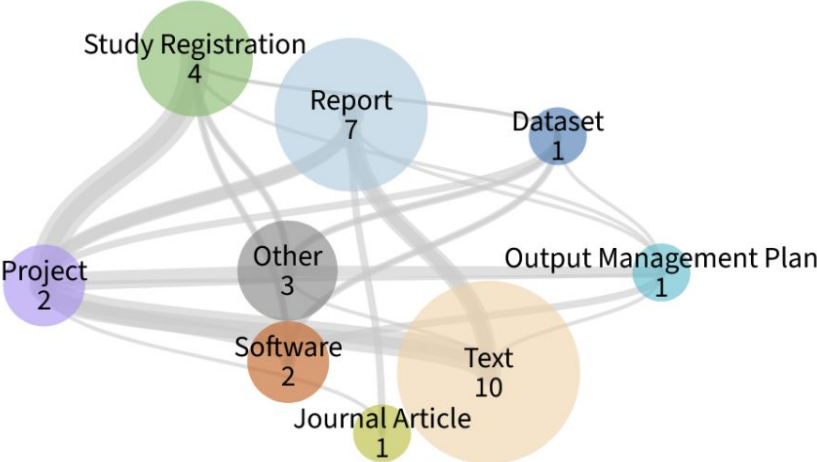
When tools and platforms that integrate open scholarly infrastructure, and support PIDs and metadata workflow, they simultaneously contribute to, and benefit from an open metadata commons, promoting a virtuous cycle for a more transparent, accountable and **FAIR** research ecosystem.

# Interconnected Scholarly Ecosystem

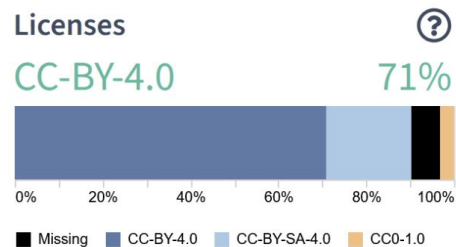
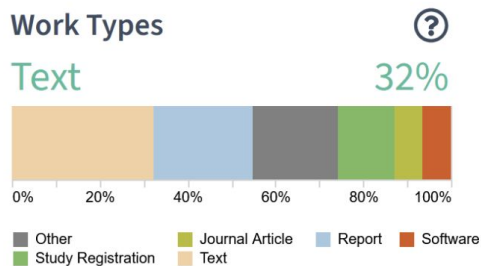
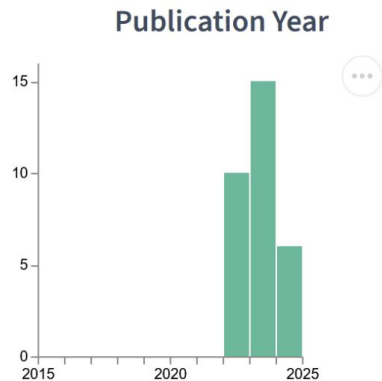
# PIDs and their metadata!



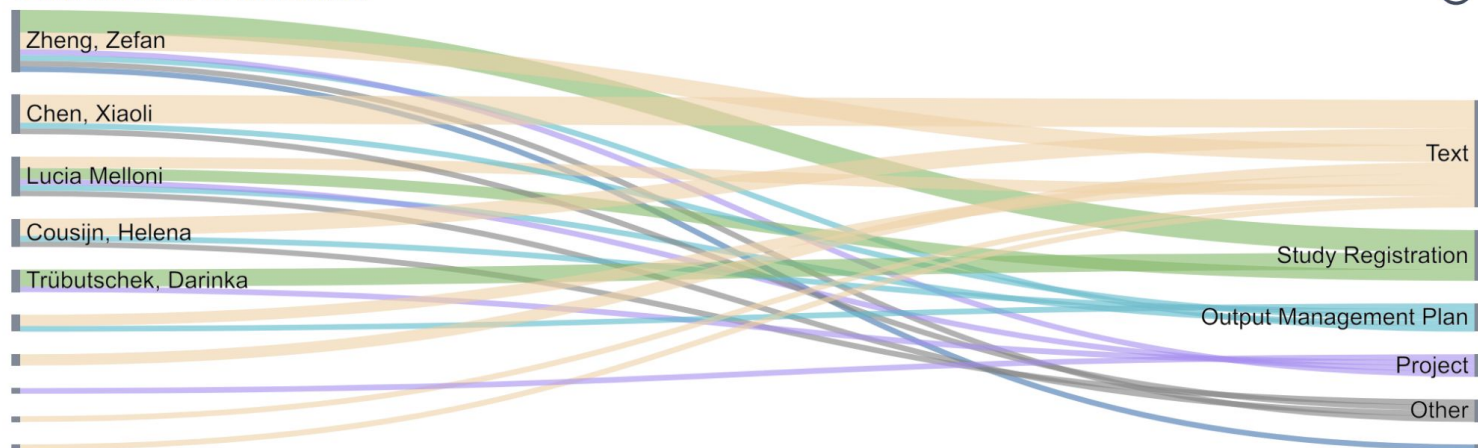
# Project Related Works



The network graph visualizes the relationships between different work types in the project. It shows the number of instances of each work type, and hovering over a connection reveals the number of links between any two types.



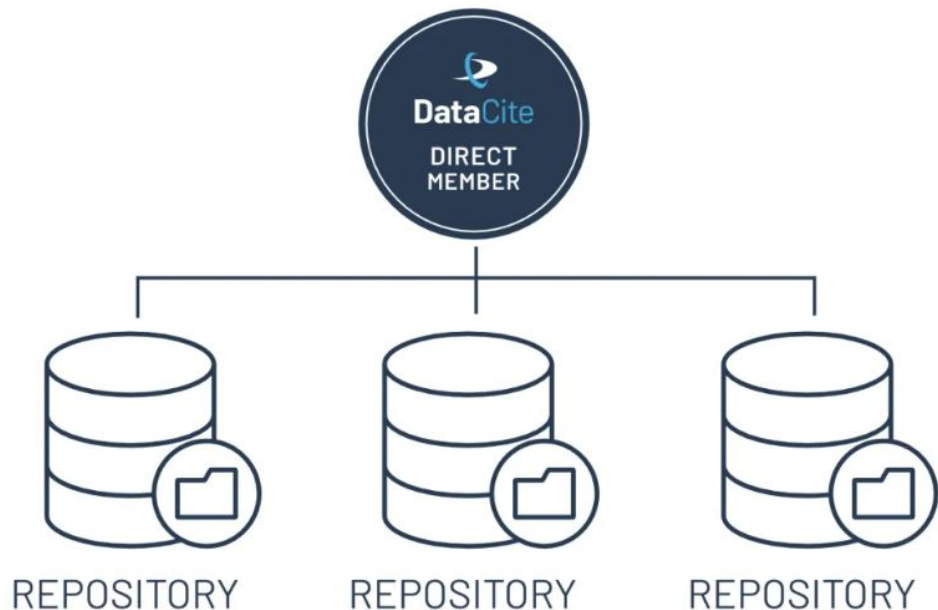
### Contributions to allRelated



# DataCite Membership

# Direct Member

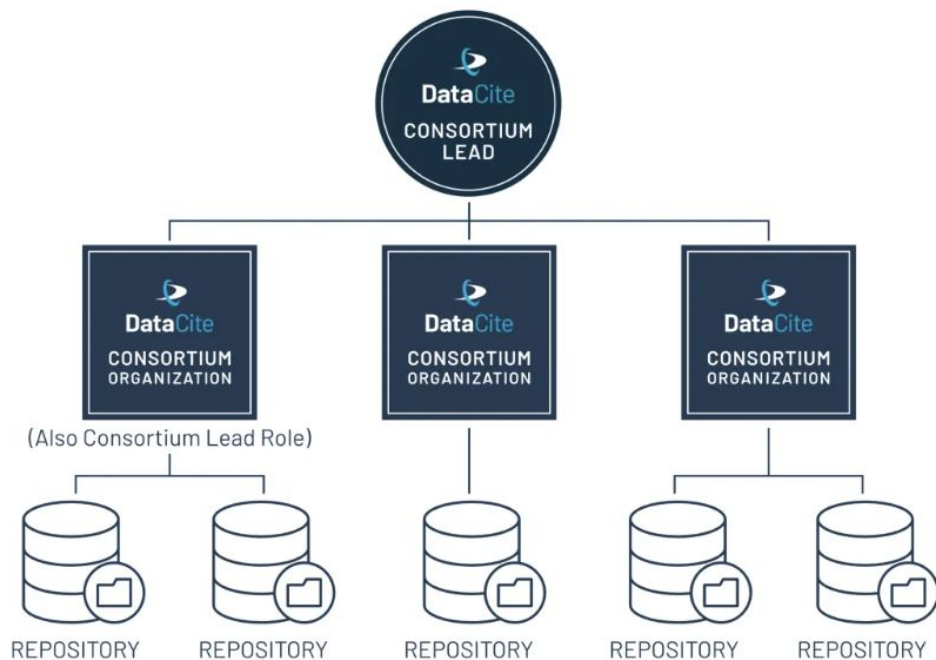
This type of member supports DataCite's mission and is an organization that works with one or more repositories within their organization. The repositories are under the same administrative structure as the organization.



Full details: <https://datacite.org/fee-model/#Direct-Member>

# Consortium

A consortium is a group of like-minded organizations that have come together to collectively participate in DataCite's community and governance activities and use DataCite's DOI services. Consortia are generally located in a single country or subject-based. Organizations within a consortium can work with one or more repositories.



Full details: <https://datacite.org/fee-model/#Consortium-fee-application>



# **Improving equity and inclusion In PID infrastructure**

# Global Access Fund (GAF)

In September 2023, DataCite launched the Global Access Fund (GAF) to enable communities currently underrepresented in the global open science infrastructure landscape to benefit from DataCite services.

In 2023 round, we received more than +185 applications and awarded 12 organisations from Lebanon, Mexico, Uganda, India, Argentina, Côte d'Ivoire, Zimbabwe, Indonesia, Georgia, Tunisia, Nigeria, Brazil.

Applications are open for all non-profit organizations in Africa, Middle East, Asia, and Latin America.



**DataCite Blog**

**DataCite launches Global Access Fund with support from CZI**

BY GABI MEJIAS

BY HELENA COUSIJN

 GLOBAL ACCESS PROGRAM

 DataCite

1,024 x 512

# 2024 Global Access Fund (GAF)



## Webinar

# Improving Equity and Inclusion with DataCite's Global Access Fund

11 Sep 2024, 09:00 CEST



MOHAMED A.  
BA-ESSA



GABI  
MEJIAS



MOHAMAD  
MOSTAFA

### Register:

[https://datacite.zoom.us/webinar/register/1317212922645/WN\\_FMaSriT-PQ9qFjA0Vtqf\\_jw#/registration](https://datacite.zoom.us/webinar/register/1317212922645/WN_FMaSriT-PQ9qFjA0Vtqf_jw#/registration)

# PIDs in Research Workflows



## Persistent Identifiers in Research Workflows

Implementing PIDs in research workflows can enhance the visibility and accessibility of research outputs within the **Open Research** framework. This practice promotes more **transparency, collaboration and trust** in the research ecosystem.



# DataCite Annual Community Meeting 2024

Wednesday, 25 September



[See DataCite.org](https://DataCite.org) for Schedule & Registration



CONNECTING RESEARCH,  
ADVANCING KNOWLEDGE



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