

DataCite



The importance of Persistent Identifiers



Helena Cousijn, PhD
Director of Community Engagement
11th of May 2022

About DataCite

Global non-profit membership organization working with 2200+ repositories around the world to provide DOIs for data and other research outputs.

<https://datacite.org/>

Connecting research, identifying knowledge

An introduction to PIDs

PIDs

What is a persistent identifier (PID)?

<https://doi.org/10.5061/dryad.708gr>



<https://datadryad.org/stash/dataset/doi:10.5061/dryad.708gr>

Special URL that's registered in a known system, like DOI, ORCID or ROR

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

DOIs for scholarly outputs
<https://doi.org/10.5281/zenodo.3630248>



doi

ORCID iDs for people
<https://orcid.org/0000-0001-6622-4910>



iD

ROR IDs for research organizations
<https://ror.org/01y2jtd41>



ROR

PIDs for places, people, and things

PIDs for people (researchers)
include ISNIs and ORCID iDs



PIDs for places (research organizations)
including ROR



PIDs for things (research outputs) include DOIs,
handles, IGSNs, ARKs, and more



Why are we talking about this?



DOIs (digital object identifiers) and other **PIDs** are an important part of the digital scholarly infrastructure that includes ***all* types of resources/outputs** and ***all* disciplines.**

Why are we talking about this?

PIDs like DOIs, ORCID iDs and ROR IDs increase **discovery, access, citation, reuse, and recognition** of resources

VALUE

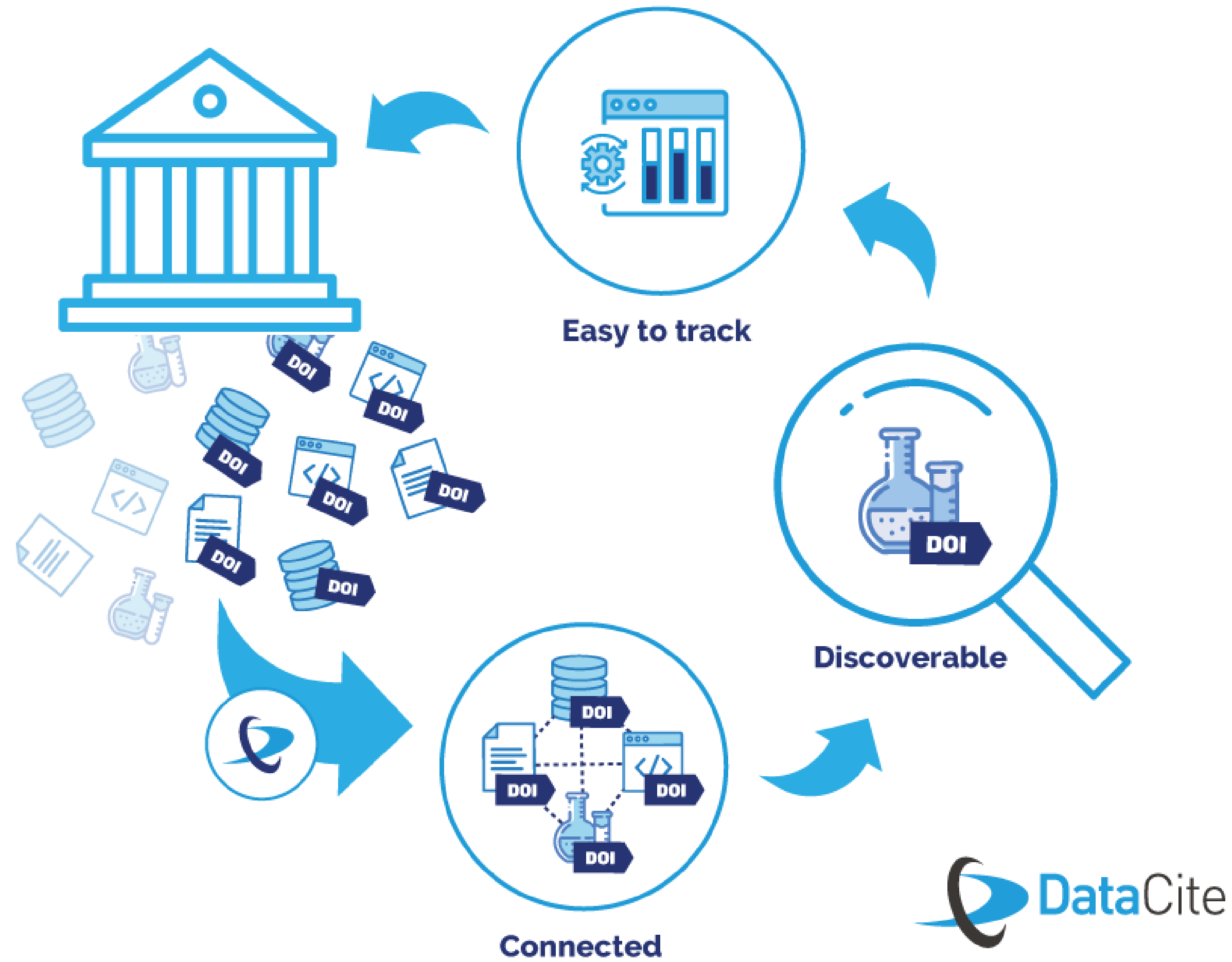
PIDs are for everything!

All disciplines, all resource types

DataCite

DOIs for research outputs

What we do



Types of research outputs



DATA CITE DOIs ARE SUITABLE FOR A WIDE
RANGE OF RESEARCH OUTPUTS

**1. Research datasets and collections, associated workflows,
software, images, and models**

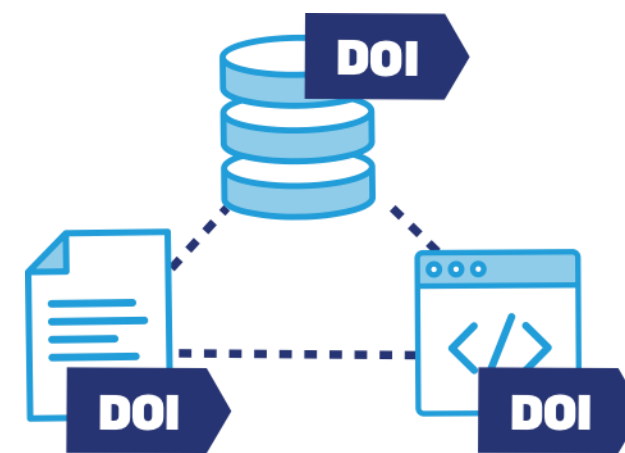
**2. Grey literature such as theses, dissertations, reports, unpublished
conference papers, newsletters, preprint journal articles, technical
standards, and specifications for which the institutional repository
is the primary publication point.**

Our value



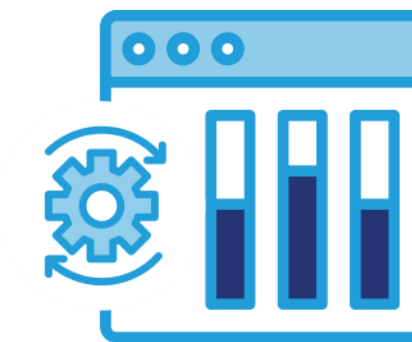
Registering DataCite DOIs makes your research outputs discoverable.

- A DOI makes your research outputs uniquely identifiable.
- Metadata that you register with DataCite is in a central location, harvestable by anyone.
- Metadata for our Members' research outputs appear in other search engines.



DataCite services make it easy to follow best practices.

- We make research data management easy: you register your first DOI in less than 1 minute.
- DataCite DOIs and metadata help you make your research FAIR.
- We connect you to the DataCite Member community, which is full of passionate people who share experience and continue to support best practice.
- Our metadata schema is extensive and has been adopted by other PID service providers globally.



DataCite services help you track and report on your research.

- A DOI enables easy tracking of your research outputs through simple user interfaces.
- DataCite services make institutional reporting simple.
- DataCite services support data citation and usage analytics

Our community



2200+
Repositories



245
Members



48
Countries



25m+
DOIs

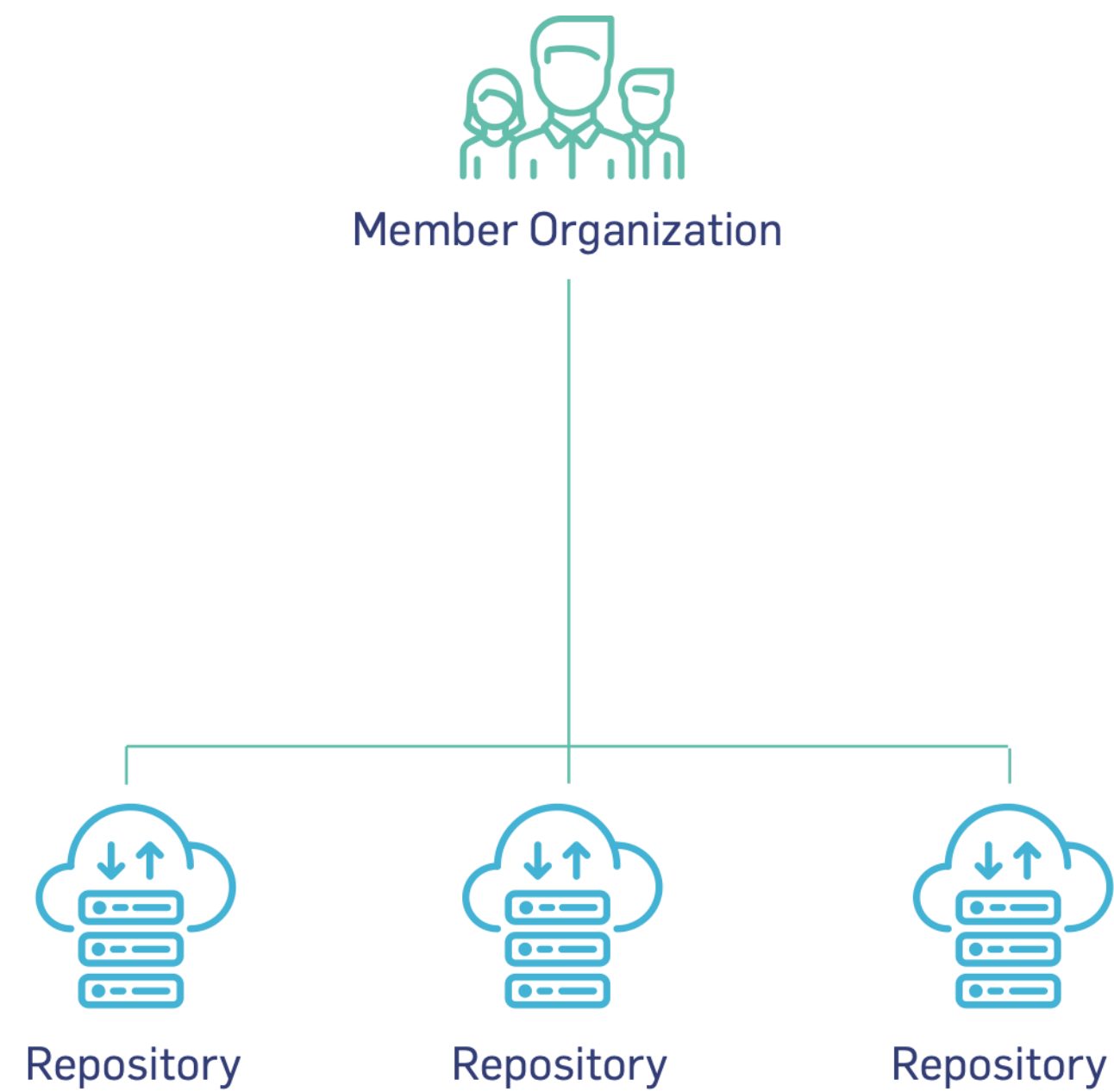


1000+
Organizations

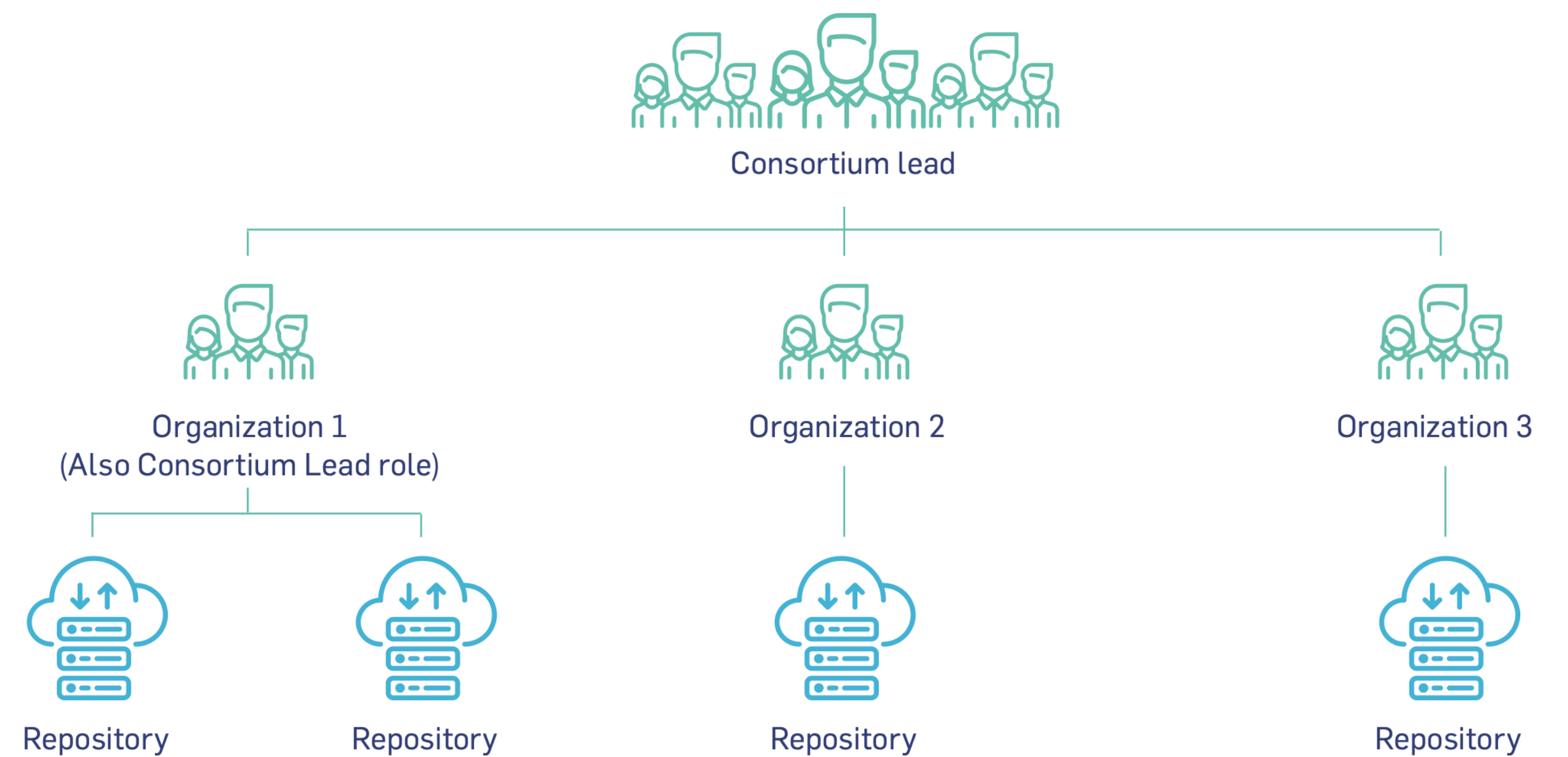
DataCite Membership



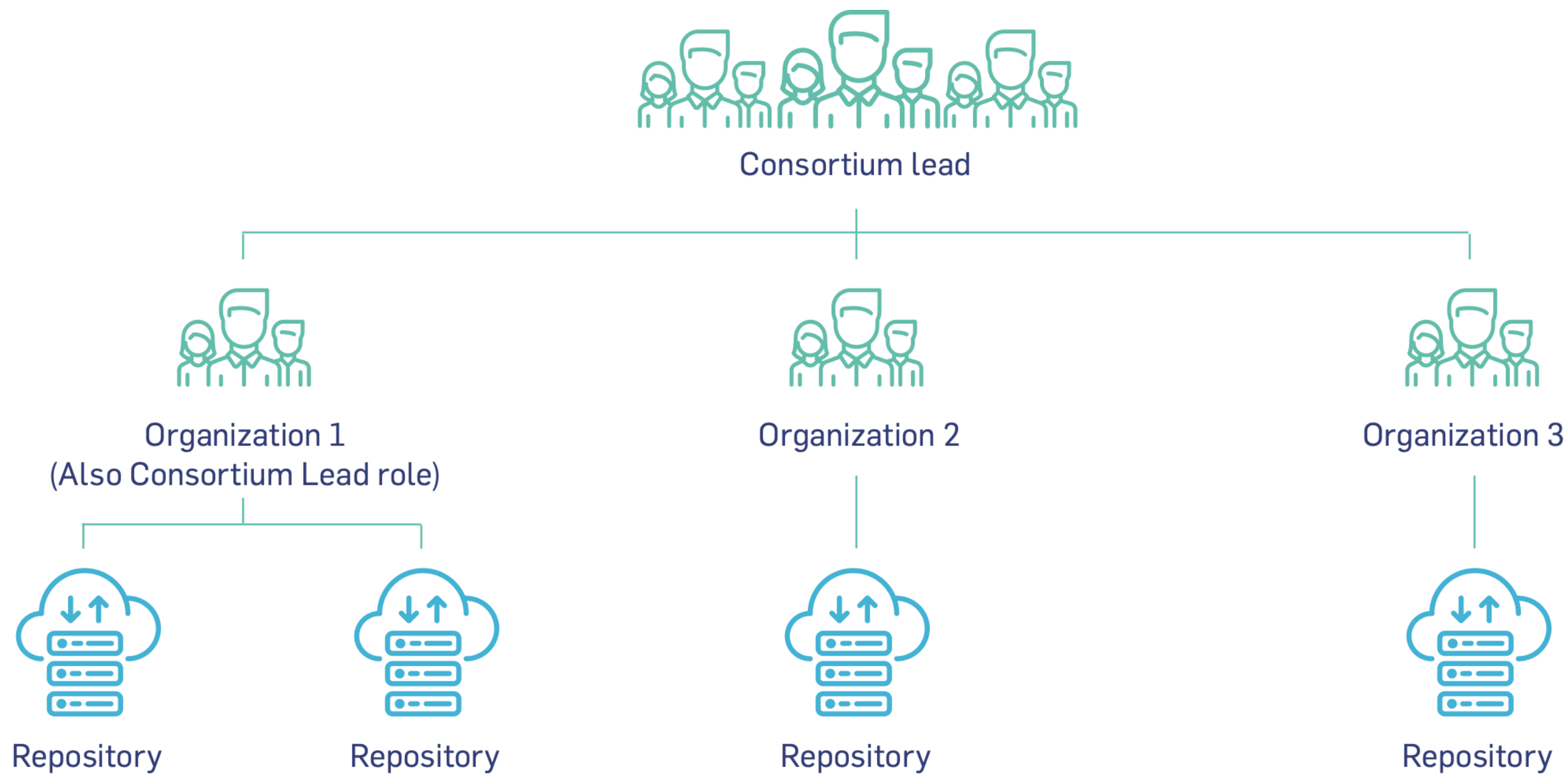
Direct Membership



Consortium Membership



Middle East consortium



The screenshot shows the DataCite Fabrica interface for the University of Kurdistan. The breadcrumb trail is: [DataCite](#) / [Members](#) / [International Institute for the Study of Kurdish Societies e. V. \(IISKS\)](#) / [Consortium Organizations](#). The page title is **University of Kurdistan**. Navigation tabs include [Info](#), [Settings](#), [Contacts](#), [Repositories](#), [Prefixes](#), and **DOIs**. A search bar with the placeholder "Type to search..." and a "Search" button is present. Below the search bar, there are filters for **State** (Findable: 990, Draft: 74) and **Resource Type** (Text: 1,030). The main content area displays **1,064 DOIs** and a list of items. The first item is a text document titled "مقایسه اثر موضعی آلوده ورا و بنفشه با هیدروکسی-زین بر خشکی پوست بیماران همودیالیزی (یک کارآزمایی مداخله-ای متقاطع)". It includes author names like احمد نصیری فورگ-nick, فاطمه سلمانی-nick, کبری ناصری-nick, اناهیتا آرین-nick, and بتول بهجت نیانick. The document was published in 2019 and created on April 26, 2022. The DOI link is <https://doi.org/10.34785/jbums022.2022.713>. A "FEEDBACK" button is visible in the bottom right corner.

Create and Manage DOIs



DataCite membership allows you to create and manage DOIs for all of your repositories. You can do this through:

- Our primary REST API that supports JSON and enables automated DOI registration
- Our manual interface that enables you to register DOIs in less than a minute.
- Registered DataCite Service providers that provide a platform where you can register DOIs.



Current service providers



UNIVERSITY
OF LONDON



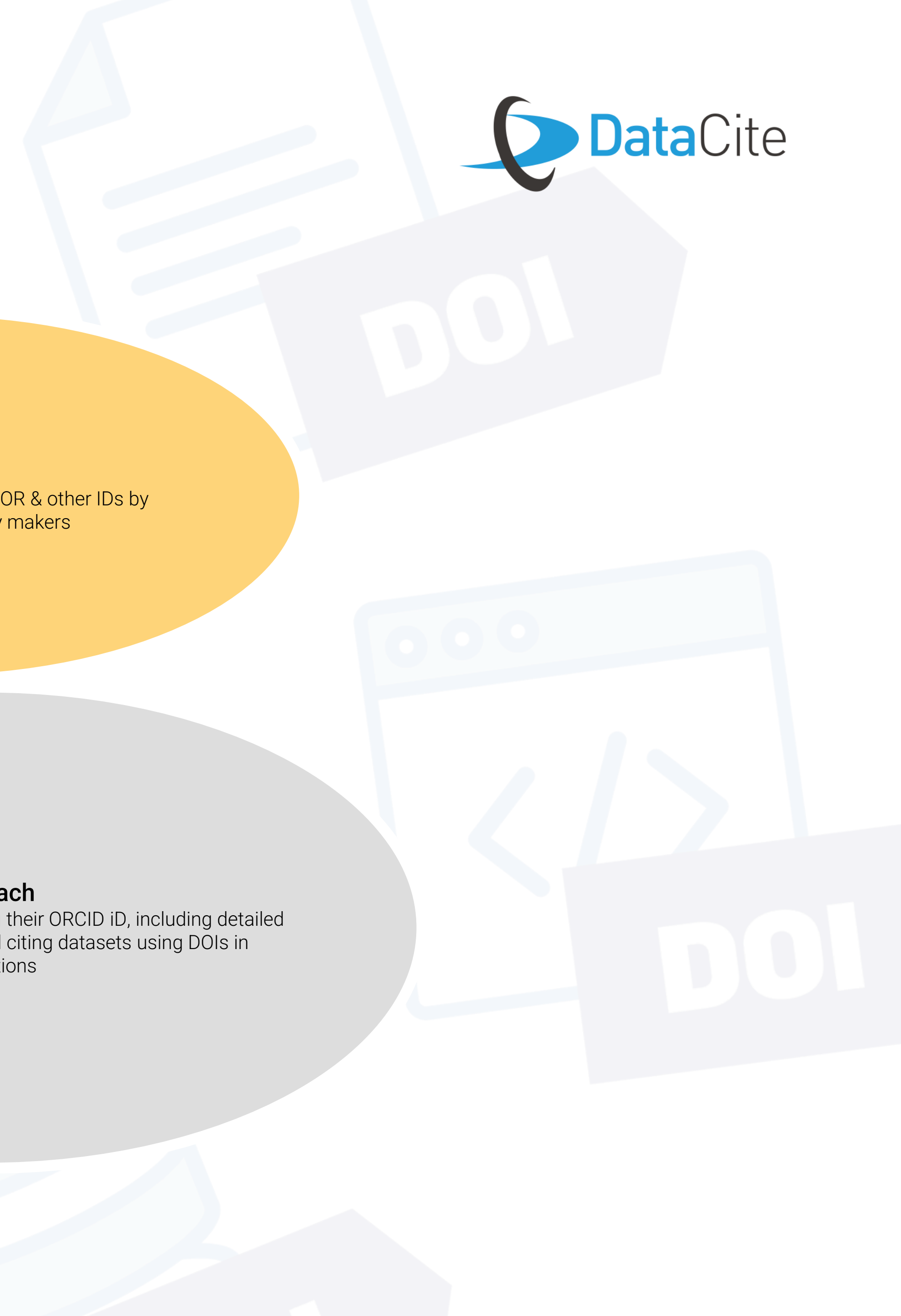
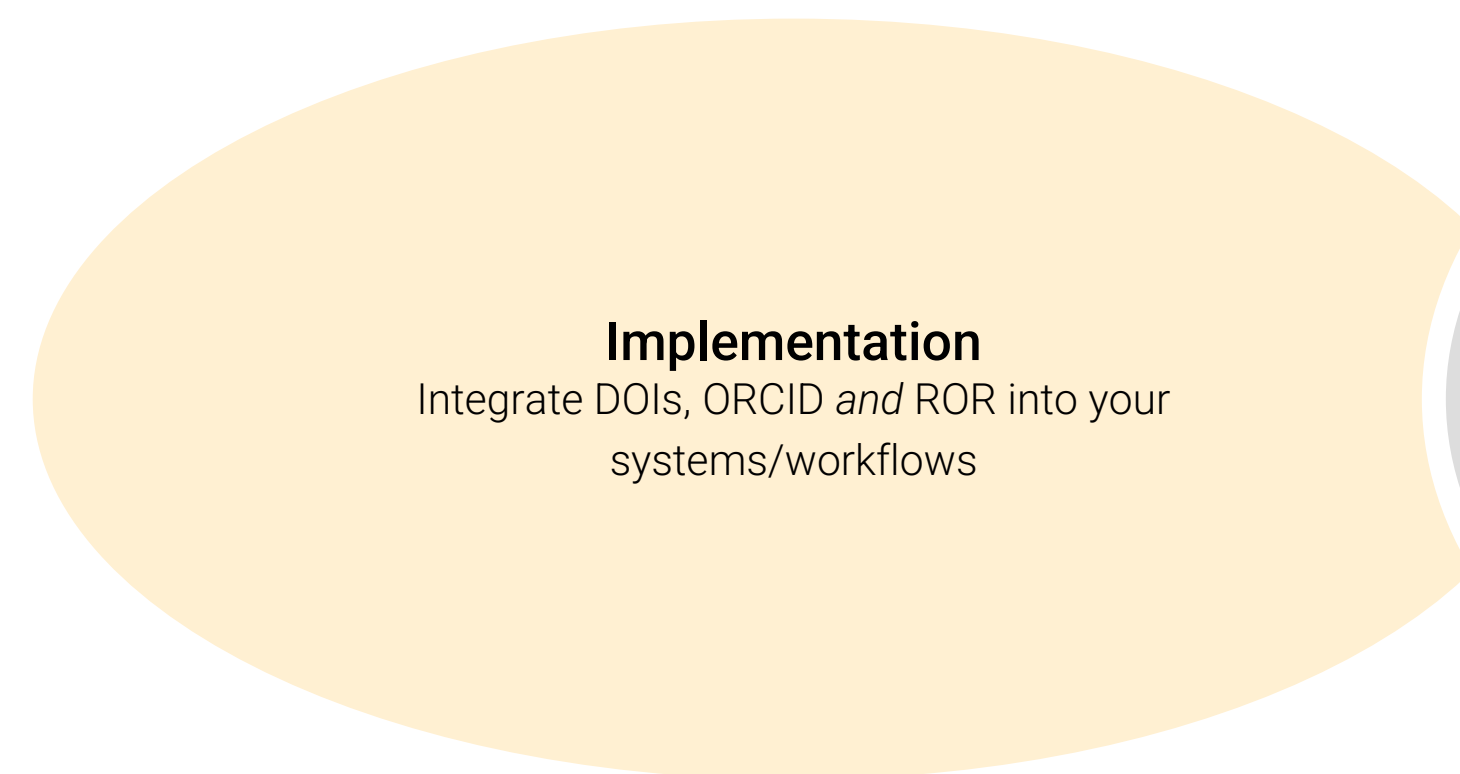
DSpace



DataCite

How to

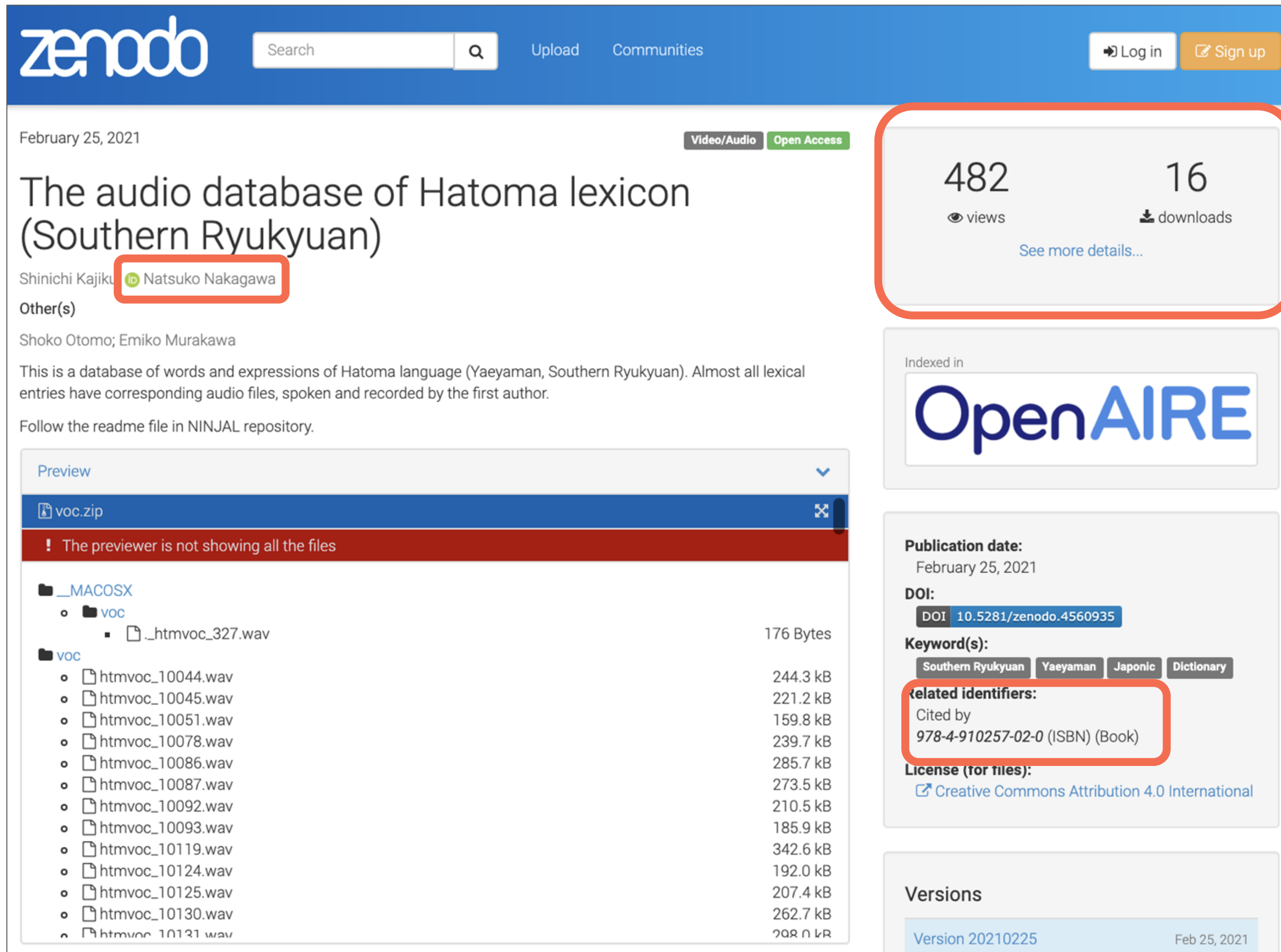
For institutions:



And tell researchers to:

1. **Deposit all outputs** in a repository that registers DOIs
2. **Fill out the metadata form** as completely as possible! Include ORCID iDs, affiliation, and funding information
3. **Cite data** in publications *using DOIs*
4. **Add works to ORCID records** - publications *and* datasets

Step 1: Deposit your outputs



zenodo Search Upload Communities Log in Sign up

February 25, 2021 Video/Audio Open Access

The audio database of Hatoma lexicon (Southern Ryukyuan)

Shinichi Kajiku **Natsuko Nakagawa**

Other(s)
Shoko Otomo; Emiko Murakawa

This is a database of words and expressions of Hatoma language (Yaeyaman, Southern Ryukyuan). Almost all lexical entries have corresponding audio files, spoken and recorded by the first author.

Follow the readme file in NINJAL repository.

Preview

voc.zip

! The previewer is not showing all the files

- MACOSX
 - voc
 - htmvoc_327.wav 176 Bytes
- voc
 - htmvoc_10044.wav 244.3 kB
 - htmvoc_10045.wav 221.2 kB
 - htmvoc_10051.wav 159.8 kB
 - htmvoc_10078.wav 239.7 kB
 - htmvoc_10086.wav 285.7 kB
 - htmvoc_10087.wav 273.5 kB
 - htmvoc_10092.wav 210.5 kB
 - htmvoc_10093.wav 185.9 kB
 - htmvoc_10119.wav 342.6 kB
 - htmvoc_10124.wav 192.0 kB
 - htmvoc_10125.wav 207.4 kB
 - htmvoc_10130.wav 262.7 kB
 - htmvoc_10131.wav 208.0 kB

482 views 16 downloads

See more details...

Indexed in

OpenAIRE

Publication date: February 25, 2021

DOI: DOI 10.5281/zenodo.4560935

Keyword(s): Southern Ryukyuan Yaeyaman Japonic Dictionary

related identifiers:
Cited by
978-4-910257-02-0 (ISBN) (Book)

License (for files):
Creative Commons Attribution 4.0 International

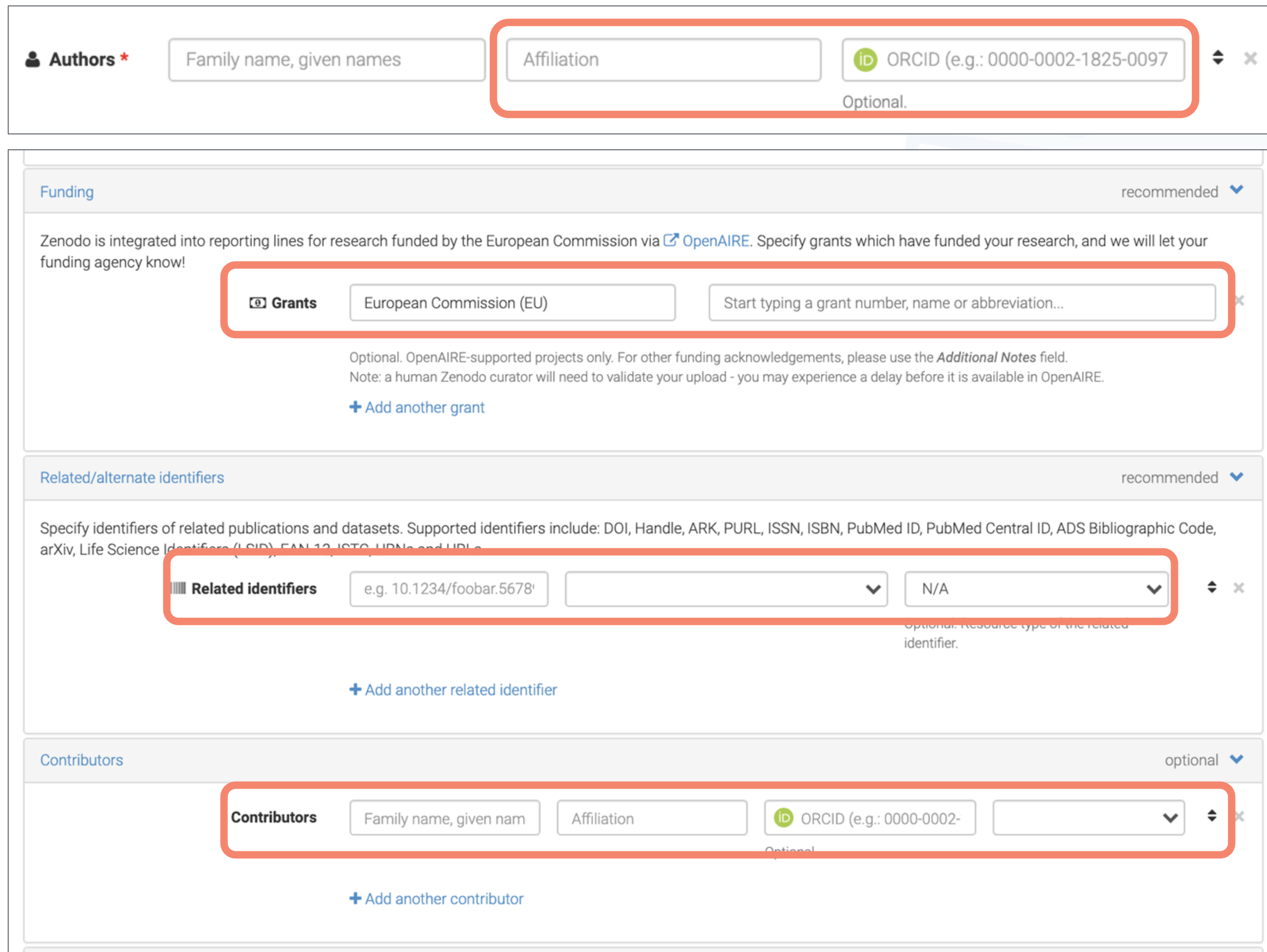
Versions

Version 20210225 Feb 25, 2021

You can use your institutional repository, a discipline-specific repository, or national repository

<https://doi.org/10.5281/zenodo.4560934>

Step 2: Complete metadata



Authors * Family name, given names Affiliation **ORCID** (e.g.: 0000-0002-1825-0097) Optional.

Funding recommended

Zenodo is integrated into reporting lines for research funded by the European Commission via [OpenAIRE](#). Specify grants which have funded your research, and we will let your funding agency know!

Grants European Commission (EU) Start typing a grant number, name or abbreviation... Optional. OpenAIRE-supported projects only. For other funding acknowledgements, please use the *Additional Notes* field. Note: a human Zenodo curator will need to validate your upload - you may experience a delay before it is available in OpenAIRE. [+ Add another grant](#)

Related/alternate identifiers recommended

Specify identifiers of related publications and datasets. Supported identifiers include: DOI, Handle, ARK, PURL, ISSN, ISBN, PubMed ID, PubMed Central ID, ADS Bibliographic Code, arXiv, Life Science Identifiers (LSID), EAN-13, ISTC, URNs and URIs.

Related identifiers e.g. 10.1234/foobar.5678 N/A Optional. Resource type of the related identifier. [+ Add another related identifier](#)

Contributors optional

Contributors Family name, given name Affiliation **ORCID** (e.g.: 0000-0002-...) Optional. [+ Add another contributor](#)

These fields maximize connections, automation, and visibility:

- ORCID iD
- Affiliation
- Funding information
- Related identifiers - ISBNs for books/book chapters, DOIs for journal articles
- License
- Contributors

Example: Zenodo upload form

Step 3: Cite all outputs

Share



Cite as

Shinichi Kajikuand Natsuko Nakagawa. The audio database of hatoma lexicon (southern ryukyuan). 20210225, Zenodo, 2021, p., doi:10.5281/zenodo.4560935.

University of York - Modern Language Associatic

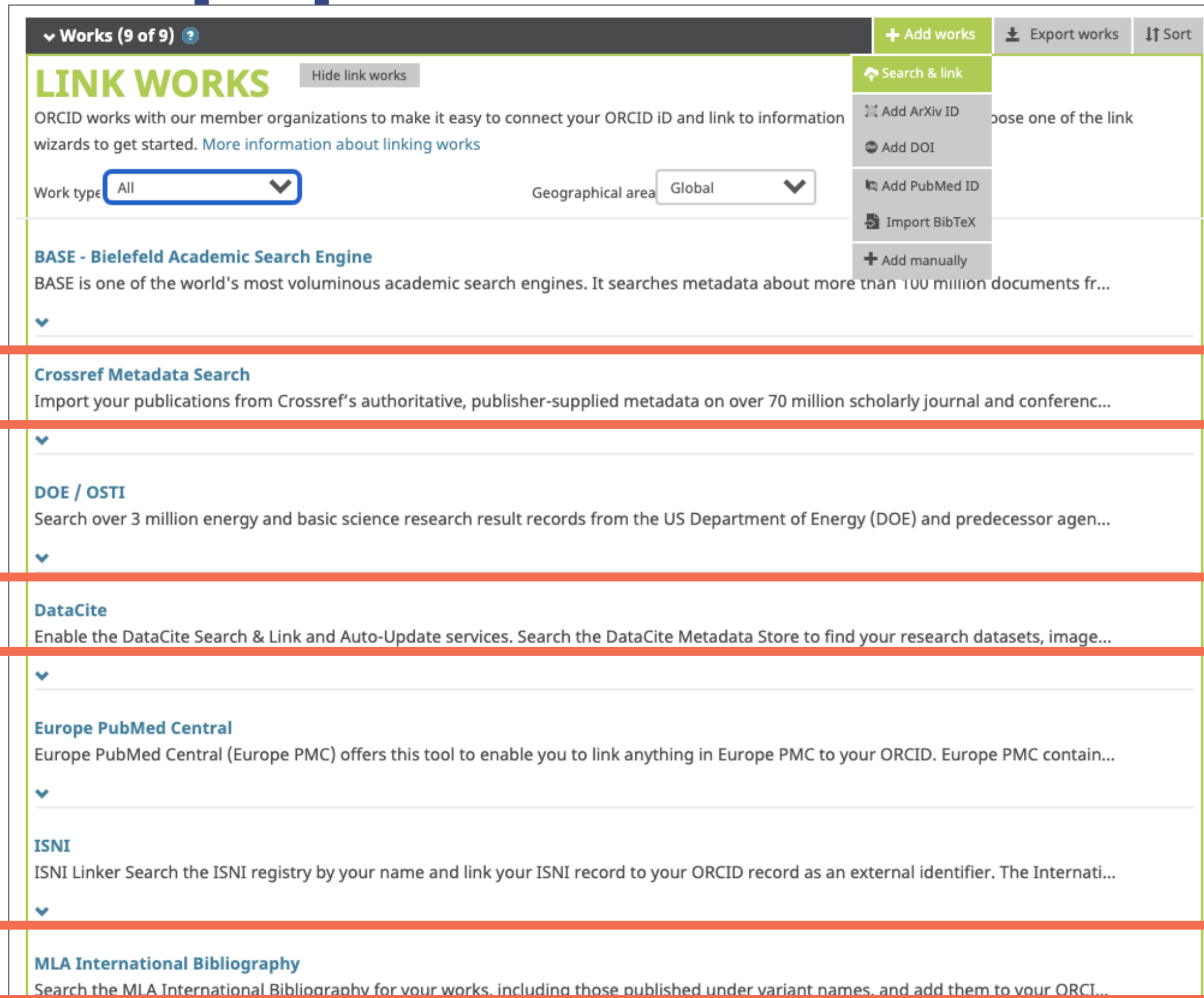
Use DOIs in citations to ensure links don't break over time!

Did you know?

DataCite/Crossref offer a citation formatter - cite any DOI in a wide range of styles!

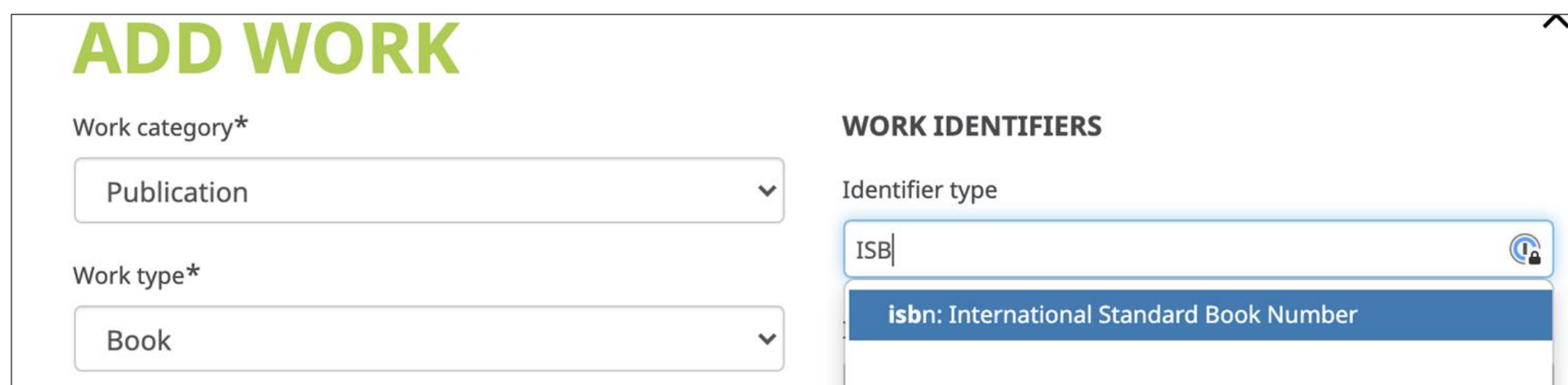
<https://citation.crosscite.org>

Step 4: Add works to ORCID



Use the wizards! Add works > Search & Link

- Enable DataCite and Crossref wizards to automatically add works with DOIs that include your ORCID ID
- Or: manually add relevant outputs to your record
- You can also import works from MLA, Scopus and regional sources





Get in touch!



Email us:
info@datacite.org



Follow us:
[@datacite](https://twitter.com/datacite)



Talk to us:
pidforum.org



Read about us:
datacite.org



Get support:
support.datacite.org
support@datacite.org