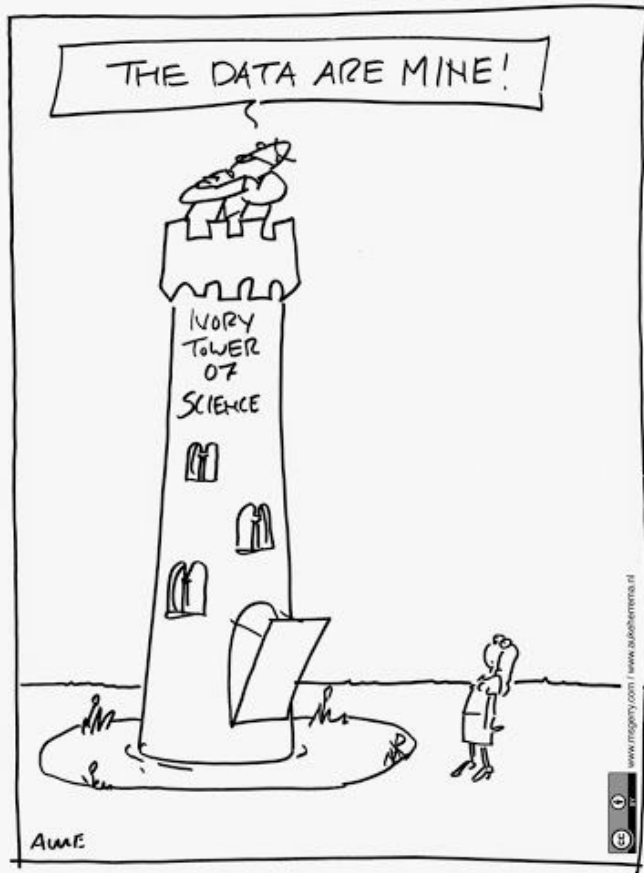


FAIRsFAIR and the Repository Finder Tool

Sarala Wimalaratne

Head of Infrastructure Services, DataCite

FAIRsFAIR: Fostering Fair Data Practices in Europe



SCENE FROM THE PAST ?

- Provide practical solutions for the use of the FAIR data principles throughout the research data life cycle.
- Fostering FAIR data culture and the uptake of good practices in making data FAIR.
- Development of global standards for FAIR certification of repositories and the data within them
- Contributing to the policies and practices that will turn the EOSC programme into a functioning infrastructure.



Key Facts

- Starting date - 01/03/2019
- Duration - 36 months
- 22 Partners from 8 Member States



Project Management



FAIR practices:
semantics, interoperability, and services



Data Policy
and practice



Engagement, Communication & Uptake



Certification
(of Repositories)



FAIR Competences



FAIR Data Science
Curricula &
professionalisation



Activities cutting across Work Packages



Sustainability



Landscape analysis, etc.



FAIR repositories/services



Knowledge base



Engagement and uptake



Competences



Training



DATA PRACTICES

◆ Reports

- ◆ FAIR requirements for persistence and interoperability
- ◆ Guidelines for ontology design and vocabulary interoperability
- ◆ Basic framework for services enabling FAIR (including software)

◆ Solutions for interoperability and machine accessibility for FAIR-aligned repositories

◆ Prototype for interoperability of repositories

◆ Workshops and hackathons: Recommendations for FAIR Semantics and Semantics in FAIR



DATA POLICY

◆ Reports

- ◆ Recommendations on data policy and analysis of practice
- ◆ Integration of meta-data catalogues
- ◆ White paper on alignment and synchronisation around FAIR, Open Science and EOSC

◆ Support programme for repositories to reach FAIR compliance



CERTIFICATION

- ◆ European network of trustworthy repositories enabling FAIR data
- ◆ Support and guidance for certification of data repositories
- ◆ Tool to identify relevant trustworthy certified repositories
- ◆ Pilots to support the assessment of FAIR data in trustworthy repositories



TRAINING, EDUCATION AND SUPPORT

◆ Reports

- ◆ FAIR data in European higher education
- ◆ Training for researchers in FAIR data science and its impact
- ◆ **FAIR competence centres tailored to different communities**
- ◆ Three annual schools in core data skills for researchers
- ◆ Five instructor training (train-the-trainer) events
- ◆ **FAIR competence framework for higher education**
- ◆ Three annual FAIR data education stakeholder workshops
- ◆ **FAIR competences adoption handbook for universities**
- ◆ Three workshops on integrating FAIR data competences
- ◆ Case studies on good practices in FAIR competences education

MAIN OUTPUTS

March 2019 - February 2022



T4.4 Registry for FAIR repositories [M1-36]



The aim of this task is to build on and expand DataCite's re3data service to find relevant certified repositories.

Milestones

- M4.7 Improved description of data repositories [M18]
- M4.8 Introduce additional components and practices to metadata schema and align them with FAIR data practices [M24]




























Deliverable

- D4.7 Tools for finding and selecting certified repositories for researchers and other stakeholders [M36; DATACITE]



re3data stores detailed information on more than 2,500 research data repositories.

Filter

- Subjects 
- Content Types 
- Countries 
- AID systems 
- API 
- Certificates 
- Data access 
- Data access restrictions 
- Database access 
- Database access restrictions 
- Database licenses 
- Data licenses 
- Data upload 
- Data upload restrictions 
- Enhanced publication 
- Institution responsibility type 
- Institution type 
- Keywords 
- Metadata standards 
- PID systems 
- Provider types 
- Quality management 
- Repository languages 
- Software 
- Syndications 
- Repository types 
- Versioning 

Search...

 Search

[Toggle short help](#)

← Previous 1 2 3 4 5 6 7 ... 99 Next →

Sort by ▾

Found 2466 result(s)

The Fish Database of Taiwan



Subject(s)

Life Sciences Biology Animal Ecology, Biodiversity and Ecosystem Research Zoology

Content type(s)

Standard office documents Images Structured graphics Audiovisual data other

Country

Taiwan, Province of China

The Fish Database of Taiwan is a complex of research data for about 25 years to the Lab of Fish Ecology and Evolution, which is situated in Biodiversity Research Center of Academia Sinica.

The Infrared Space Observatory data archive

ISO Data Archive



Subject(s)

Astrophysics and Astronomy Physics Natural Sciences

Content type(s)

Standard office documents Images Raw data Software applications other
Scientific and statistical data formats Structured graphics

Country

France Germany United States Netherlands European Union

The Infrared Space Observatory (ISO) is designed to provide detailed infrared properties of selected Galactic and extragalactic sources. The sensitivity of the telescopic system is about one thousand times superior to that of the Infrared Astronomical Satellite (IRAS), since the ISO telescope enables integration of infrared flux from a source for several hours. Density waves in the interstellar medium, its role in star formation, the giant planets, asteroids, and comets of the solar system are among the objects of investigation. ISO was operated as an observatory with the majority of its observing time being distributed to the general

Repository Finder

Find a repository to upload your data.

Repository Finder, a pilot project of the [Enabling FAIR Data Project](#) led by the American Geophysical Union (AGU) in partnership with DataCite and the Earth, space and environment sciences community, can help you find an appropriate repository to deposit your research data. The tool is hosted by DataCite and queries the re3data registry of research data repositories.

As part of the [FAIRsFAIR project](#), which aims to supply practical solutions for the use of the FAIR data principles throughout the research data life cycle, the Repository Finder is extended to query for repositories relevant to FAIRsFAIR Project.

Search [re3data](#) for a repository to upload your data

[Search](#)

or

[See the repositories](#) in re3data that meet the criteria of the Enabling FAIR Data Project.

[See the repositories](#) in re3data that meet the criteria of the FAIRsFAIR Project.



Repository Finder

[About](#)[Search](#)[FAQ](#)[Support](#)

- ☒ Search [re3data](#) for a repository to upload your data
- ☐ See the repositories in re3data that meet the criteria of the Enabling FAIR Data Project
- ☐ See the repositories in re3data that meet the criteria of the FAIRsFAIR Project

[Search](#)

1,663 Repositories

Sort by Name



1000 Functional Connectomes Project

The FCP entailed the aggregation and public release (via www.nitrc.org) of over 1200 resting state fMRI (R-fMRI) datasets collected from 33 sites around the world.

[life sciences](#)[neurosciences](#)[systemic neuroscience, computational neuroscience, behaviour](#)[cognitive neuroscience and neuroimaging](#)[medicine](#)[mental health](#)

[More info about 1000 Functional Connectomes Project](#)

Work in progress

Repository finder has been extended to filter by

- Open access data
- Persistent Identifiers
- Certified repository

- ☐ Search [re3data](#) for a repository to upload your data
- ☐ See the repositories in re3data that meet the criteria of the [Enabling FAIR Data Project](#)
- ☒ See the repositories in re3data that meet the criteria of the [FAIRsFAIR Project](#) ☒

- ☒ The repository provides open access to its data 

Research data hosted by the repository are accessible without restrictions.

- ☒ The repository uses persistent identifiers 

Persistent identifiers such as DOIs uniquely identifier datasets, enable the linking to publications, and help with discovery.

- ☒ The repository is certified 

Certifications make sure repositories follow community standards and best practices

[Change criteria for this search](#) 

Type to search...

Search

111 Repositories

Sort by Name

4TU.Centre for Research Data

[4TU.ResearchData](#)

4TU.ResearchData, previously known as 3TU.Datacentrum, is an archive for research data. It offers the knowledge, experience and the tools to share and safely store scientific research data in a standardized, secure and well-documented manner. 4TU.Centre for Research Data provides the research community with: Advice and support on data management; A long-term archive for scientific research data; Support for current research projects; Tools for reusing research data.

life sciences

basic biological and medical research

biophysics

bioinformatics and theoretical biology

agriculture, forestry, horticulture and veterinary medicine

soil sciences

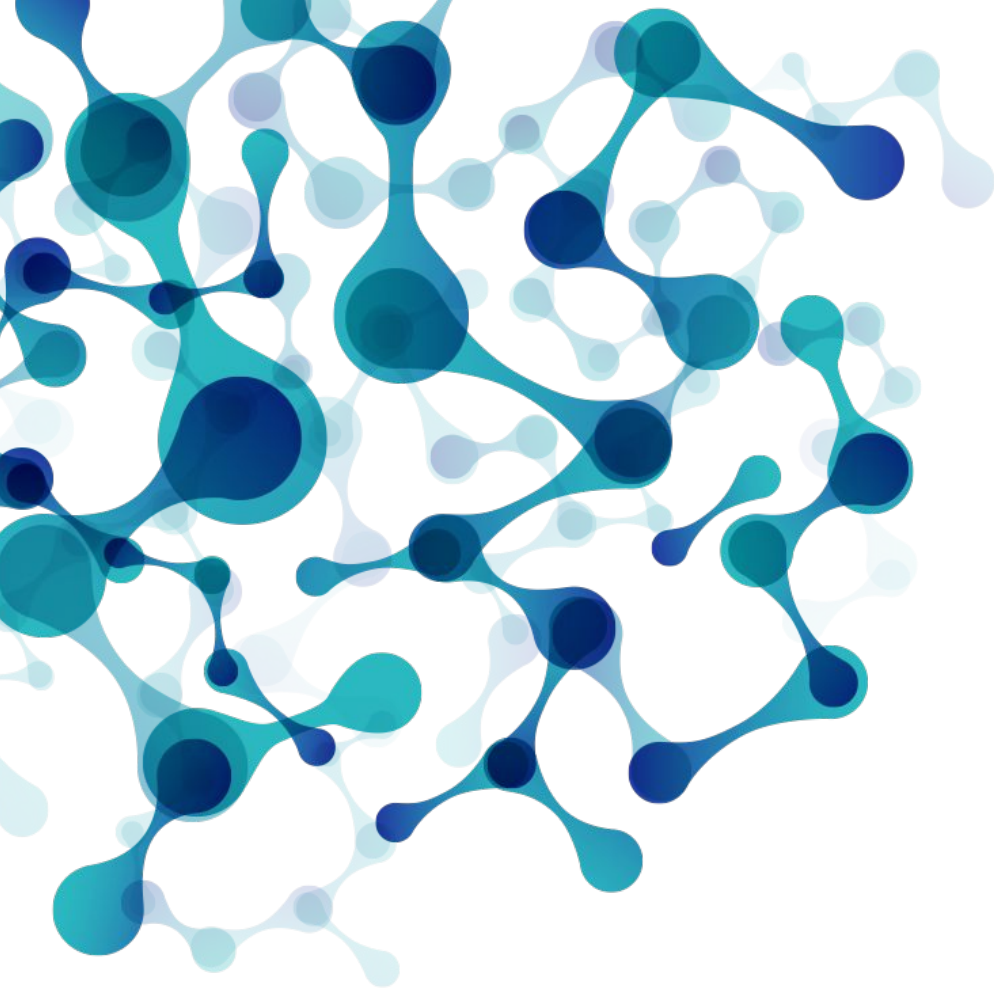
biology

agriculture, forestry, horticulture and veterinary medicine

Get in touch



- The Repository Finder Tool
 - <https://repositoryfinder.datacite.org/>
- Code Base
 - API - <https://github.com/datacite/schnauzer>
 - Frontend - <https://github.com/datacite/dackel>



Thank you!

<https://datacite.org>

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