



EOSC FUTURE



EUROPEAN OPEN
SCIENCE CLOUD

Making use of EOSC: Repositories and Services



EOSC FUTURE

Sonja Filiposka, FINKI, UKIM

PhD Workshop, 07.02.2022





Agenda

What is EOSC?

- How can EOSC help researchers?

Open Data

- Repositories

EOSC Portal & Marketplace

- Services

What is next in EOSC?

- Open Calls





What is the European Open Science Cloud - EOSC?

- <https://www.eosc.eu/about-eosc>

- Vision: “**Web of FAIR Data and services**” for science in Europe
- Multi-disciplinary environment where researchers can
 - publish,
 - find and
 - re-use
- data, tools and services
- Builds on existing infrastructure and services
 - federated ‘system of systems’



**EUROPEAN OPEN
SCIENCE CLOUD**





EOSC Association

Focal point of the EOSC Partnership with the European Commission

- Established in July 2020 as a not-for-profit international association
- Aims to serve the EOSC community, promote EOSC, and enable Open Science in Europe

The EOSC Partnership aims to:

- Create a growing ecosystem, bringing together relevant European initiatives around the FAIR data economy
- Foster collaboration among those initiatives towards the objective of open research
- Attract small and medium-sized enterprises (SMEs) and start-ups to use and benefit from the federated services and data sources
- Raise awareness in society about the benefits of FAIR-data-driven innovation



Researchers



Researchers are the first and ultimate target group of EOSC



Their role within the EOSC is two-fold:

primarily users of the EOSC services
offer their assets (research output: data, software and other tools) to the EOSC



Not formed in homogeneous networks



Many individual researchers may not (yet) be aware about the EOSC



EOSC provides researchers with

Seamless access to content and services via common AAI

Access to data from various sources which is FAIR and ideally open

Access to services for storage, computation, analysis, preservation and more

Adoption of standards so data and services can be combined

Helpdesk, training and support to improve use of EOSC





Open Data

- **Find** published research output
- **Make** your research output available to the community
 - Papers
 - Datasets
 - Code
 - Tools

Institutional repository

• <https://repository.ukim.mk/>

National repository

Domain specific repository

• <https://www.re3data.org/>

General repository

• <https://zenodo.org/>





UKIM repository



Ss. Cyril and Methodius
University in Skopje

MK EN Sign on to: ▾

REPOSITORY OF UKIM

Repository of UKIM



Browse













- > Communities & Collections
- > Authors
- > Titles
- > Keyword
- > Type

Explore by

- > Publications
- > Researchers
- > Organizations

University faculties and research institutes

Datasets

 <p>"Blaze Koneski" Faculty of Philology</p>	 <p>Faculty of Agricultural Sciences and Food</p>	 <p>Faculty of Architecture</p>	 <p>Faculty of Civil Engineering</p>
 <p>Faculty of Computer Science and Engineering</p>	 <p>Faculty of Dentistry</p>	 <p>Faculty of Design and Technologies of Furniture and Interior</p>	 <p>Faculty of Dramatic Arts</p>
 <p>Faculty of Economics</p>	 <p>Faculty of Electrical Engineering and Information Technologies</p>	 <p>Faculty of Fine Arts</p>	 <p>Faculty of Mechanical Engineering</p>

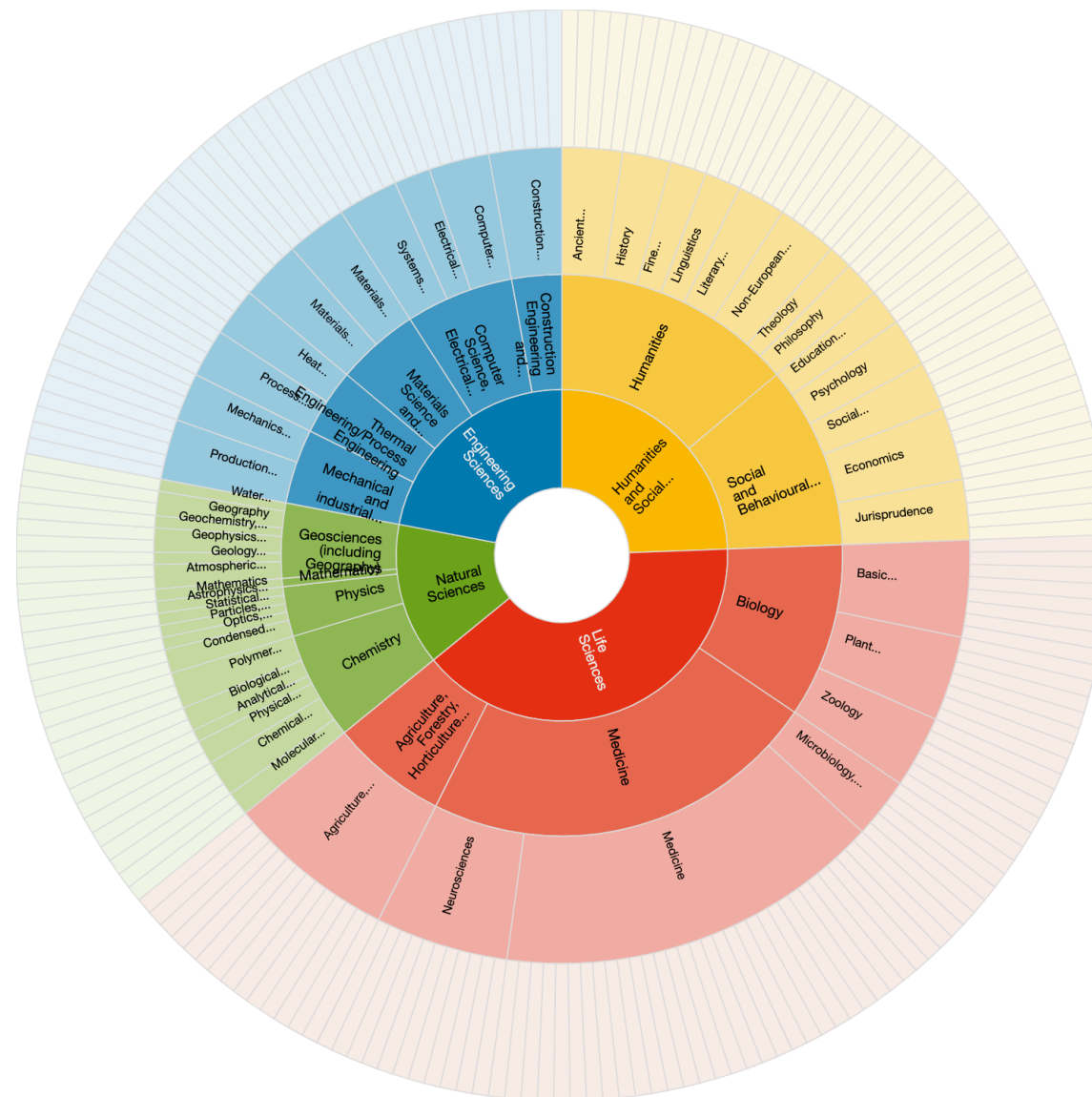




Registry of Research Data Repositories



click to zoom into subjects or to select a bottommost subject in the hierarchy as filter for the re3data search page
ctrl + click on a top subject to select it as filter



re3data example



re3data.org

Search Browse ▾ Suggest Resources ▾ Contact

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 ▢

covid

Search

Toogle short help

Sort by ▾

← Previous 1 2 3 Next →

Found 68 result(s)

COVID-19 Data Portal

Subject(s)

Biology

Medicine

Life Sciences

Microbiology, Virology and Immunology

Epidemiology, Medical Biometry, Medical Informatics

Medicine

Content type(s)

Standard office documents

Scientific and statistical data formats

Raw data

Country

European Union

The COVID-19 Data Portal was launched in April 2020 to bring together relevant datasets for sharing and analysis in an effort to accelerate coronavirus research. It enables researchers to upload, access and analyse COVID-19 related reference data and specialist datasets as part of the wider European COVID-19 Data Platform.

National COVID Cohort Collaborative

National COVID Cohort Collaborative Data Enclave

Subject(s)

Epidemiology, Medical Biometry, Medical Informatics

Microbiology, Virology and Immunology

Medicine

Medicine

Life Sciences

Biology

Content type(s)

Standard office documents

Structured text

Scientific and statistical data formats

Country

United States

The N3C Data Enclave is a secure portal containing a very large and extensive set of harmonized COVID-19 clinical electronic health record (EHR) data. The data can be accessed through a secure cloud Enclave hosted by NCATS and cannot be downloaded due to regulatory control. Broad access is available to investigators at institutions that sign a Data Use Agreements and via Data Use Requests by investigators. The N3C is a unique open, reproducible, transparent,



COVID-19 Data Portal

General**Institutions****Terms****Standards**

Name of repository	COVID-19 Data Portal
Repository URL	https://www.covid19dataportal.org/
Subject(s)	Biology Medicine Life Sciences Microbiology, Virology and Immunology Epidemiology, Medical Biometry, Medical Informatics Medicine
Description	The COVID-19 Data Portal was launched in April 2020 to bring together relevant datasets for sharing and analysis in an effort to accelerate coronavirus research. It enables researchers to upload, access and analyse COVID-19 related reference data and specialist datasets as part of the wider European COVID-19 Data Platform.
Contact	ecovid19@ebi.ac.uk
Content type(s)	Standard office documents Scientific and statistical data formats Raw data
Keyword(s)	COVID-19 biochemistry epidemiology proteins virology
Persistent identifier(s) of the repository	biobcore-001437
Repository type(s)	disciplinary
Mission statement for designated community	https://www.covid19dataportal.org/the-european-covid-19-data-platform
Research data repository language(s)	English
Data and/or service provider	data provider







OpenAIRE Catalogue




CATALOGUE  LOG IN

--Search field-- 

Search our catalogue... 

Filters

Results per page 10 



Category

- ☐ Aggregators & Integrators
- ☐ Processing & Analysis
- ☐ Security & Operations
- ☐ Sharing & Discovery
- ☐ Training & Support

Scientific Domain

- ☐ Agricultural Sciences
- ☐ Generic
- ☐ Humanities
- ☐ Medical & Health Sciences
- ☐ Natural Sciences
- ☐ Other

Showing 1 - 10 of 27 results

< Previous PAGE 1 OF 3 Next >



AMNESIA

"Anonymize your datasets"

AMNESIA allows end users to anonymize sensitive data in order to share them with a broad audience. The service allows the user to guide the anonymization process and decide on a flexible trade-off between privacy guaranty and data utility. The service is offered through a web interface that allows users to explore the anonymized data visually. [View more...](#)



ARGOS

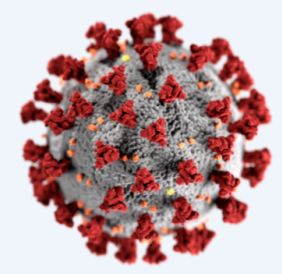
"Plan and follow your data"

Argos ([argos.openaire.eu](#)) is the online mapping application developed by OpenAIRE to facilitate Research Data





Featured communities

[Need help uploading? Contact us](#)

Coronavirus Disease Research Community - COVID-19

[Browse](#)[New upload](#)

This community collects research outputs that may be relevant to the Coronavirus Disease (COVID-19) or the SARS-CoV-2. Scientists are encouraged to upload their outcome in this collection to facilitate sharing and discovery of information. Although Open Access articles and datasets are...

Curated by: Covid19_Team_OpenAIRE

Recent uploads

October 1, 2020 (vv4.16.2) [Software](#) [Open Access](#)

[View](#)

Transformers: State-of-the-Art Natural Language Processing

Wolf, Thomas; Debut, Lysandre; Sanh, Victor; Chaumond, Julien; Delangue, Clement; Moi, Anthony; Cistac, Perric; Ma, Clara; Jernite, Yacine; Plu, Julien; Xu, Canwen; Le Scao, Teven; Gugger, Sylvain; Drame, Mariama; Lhoest, Quentin; Rush, Alexander M.

Add header (huggingface#15434) [Hotfix] Fix Swin model outputs (huggingface#15414) Full Changelog: <https://github.com/huggingface/transformers/compare/v4.16.1...v4.16.2>

Uploaded on January 31, 2022

74 more version(s) exist for this record

January 30, 2022 (v99) [Dataset](#) [Open Access](#)

[View](#)

Need help?

[Contact us](#)

Zenodo prioritizes all requested related to the COVID-19 outbreak.

We can help with:

- Uploading your research data, software, preprints, etc.
- One-on-one with Zenodo supporters.
- Quota increases beyond our default policy.
- Scripts for automated uploading of larger datasets.





EOSC Portal & Marketplace

- **Categories**

- Access to physical & eInfrastructure
- Aggregators & Integrators
- Process & Analysis
- Security & Operations
- Sharing & Discovery
- Training & Support

- **Scientific Domains**

- Medical & Health Sciences
- Engineering & Technology
- Natural Sciences
- Generic
- Humanities
- Agricultural Sciences
- Social Sciences
- Other



**Find EOSC Services
that suit your use case
yourself**

Browse now!



Welcome to the EOSC Portal Catalogue and Marketplace!

The current catalogue is the result of collaboration and merge of eInfraCentral Service Catalogue and EOSC-Hub Marketplace.

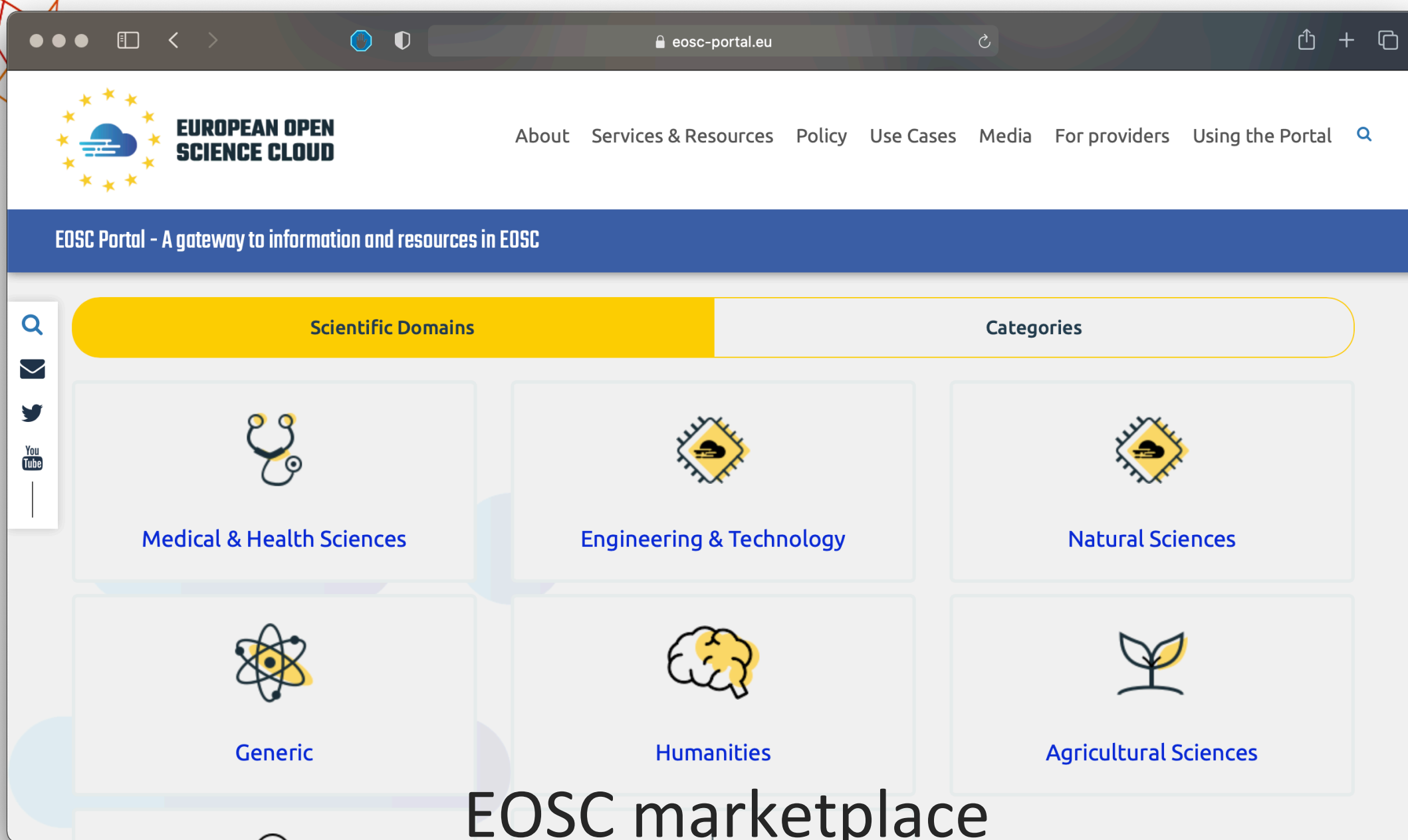
This part of EOSC Portal serves as a universal entry point to the EOSC services, offering distributed and cloud computing resources enabling researchers and other users to process and analyse data in a distributed computing environment, access and order public and commercial e-infrastructure services supplied at national, regional and institutional levels.

It helps to develop synergies and complementarity in data handling between research infrastructures, optimise technological implementation thus contributing to the development of a consistent European research infrastructures ecosystem and ensure integration and interoperability of data and tools within the EOSC.

From the supplier side, it offers local, national and international providers the opportunity to advertise their own services and resources, which is compliant with the needs of European research community.

Visit the [Catalogue & Marketplace](#) or choose from the categories below.





EOSC marketplace

<https://marketplace.eosc-portal.eu/>



Find resource...

All resour... ▾



My EOSC Marketplace



[Home](#) > Resources

All Resources 327

CATEGORIES

Access physical & eInfrastructures	70
Aggregators & Integrators	23
Processing & Analysis	150
Security & Operations	29
Sharing & Discovery	65
Training & Support	32
Other	10

FILTERS

Scientific Domains

Find or choose from the list below

<input type="checkbox"/> Generic	160
<input type="checkbox"/> Generic	160
<input type="checkbox"/> Natural Sciences	114
<input type="checkbox"/> Earth & Related Environmental Sciences	63
<input type="checkbox"/> Biological Sciences	36
<input type="checkbox"/> Physical Sciences	14
<input type="checkbox"/> Computer & Information Sciences	10
<input type="checkbox"/> Chemical Sciences	7
<input type="checkbox"/> Other Natural Sciences	2
<input type="checkbox"/> Mathematics	1
<input type="checkbox"/> Engineering & Technology	25
<input type="checkbox"/> Electrical, Electronic & Information Engineering	9
<input type="checkbox"/> Environmental Engineering	9
<input type="checkbox"/> Other Engineering & Technology Sciences	7
<input type="checkbox"/> Environmental Biotechnology	4
<input type="checkbox"/> Materials Engineering	3

Resources

SUGGESTED

GBIF Spain Species Portal

Aggregates data on species description, common names, taxonomy, image gallery, sequence data and bibliography

Organisation:
[GBIF Spain](#)

Alien and Invasive Species Virtual Re...

A web-based, collaborative working environment enacting to predict the spread of an invasive species (possi...

Organisation:
[D4Science Infrastructure](#)

Data-driven Atlas Production

Online environment to generate coastal and marine atlases.

Organisation:
[BlueBRIDGE](#)

1-10 of 327 results

Sort by: by name A-Z ▾

10 20 30 Items on page

Scientific publishing and Open Science Platform

Your Scientific publishing and Open Science Platform

Organisation: [SCIPEDIA](#)
Scientific domain: Generic

☐ [Add to comparison](#) ☐ [Add to favourites](#)

OPEN ACCESS



100 Percent IT Trusted Cloud

Infrastructure as a Service (IaaS), secured by cutting edge cybersecurity software co-developed by the University of Oxford

Organisation: [100 Percent IT](#)
Scientific domain: Generic

☐ [Add to comparison](#) ☐ [Add to favourites](#)

ORDER REQUIRED



3DBionotes-WS

FULLY OPEN ACCESS





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CATEGORIES

Access physical & einfrastructures 44

Aggregators & Integrators 19

Processing & Analysis 135

Security & Operations 13

Sharing & Discovery 45

Training & Support 22

Other 7

FILTERS

data x All resour... v Q

RESOURCES

CloudFerro **Data** Collections **Catalog**

ENES **Data** Space

EISCAT **data** access portal

Data Miner Analytics Prototype Service

Access to Open **Data** platforms

OFFERS

PROVIDERS

Virtual Atomic and Molecular **Data** Centre

Consortium of European Social Science **Data** Archives ERIC

Data Stewardship Wizard

Strasbourg astronomical **Data** Centre

Finnish Social Science **Data** Archive

Organisation:
BlueBRIDGE

Organisation:
BlueBRIDGE

Support for Data Publication

Online environment to support data harmonization and publication.

Organisation:
BlueBRIDGE





Access to Open Data platforms

Online environment to enable standardized data access.

Organisation: [BlueBRIDGE](#)

Provided by: [D4Science Infrastructure](#)

☆☆☆☆☆ (0.0 / 5) 0 reviews ☐ [Add to comparison](#) ☐ [Add to favourites](#)

Access the resource

 OPEN ACCESS

→ [Webpage](#) → [Helpdesk](#) → [Helpdesk e-mail](#) → [Manual](#)
→ [Training information](#)

[Ask a question about this resource?](#)

ABOUT

DETAILS

REVIEWS (0)

Access to Open Data platforms: a group of services to enable standardized access to data.

a. IT Managers can deliver VREs enabling effective discovery and access to heterogeneous data platforms; b. Data Managers can easily enable data workflows operating on heterogeneous data platforms; c. Individual scientists can easily discovery, access, and use heterogeneous data platforms by exploiting single sign-on and transparent policy and license management; d. Scientific Advisory working group (user group) empowers working groups with a simple-to-use rich data catalogue populated with a wide spectrum of data generated and maintained by different data platforms.

SCIENTIFIC CATEGORISATION



Generic

- Generic
- Generic

CATEGORISATION

- Data Management
- Other

TARGET USERS

- Researchers

RESOURCE AVAILABILITY AND LANGUAGES

- English





B2FIND

Find research data, research data portal

Organisation: **EUDAT**

Provided by: **Deutsches Klimarechenzentrum**

☆☆☆☆☆ (0.0 / 5) 0 reviews ☐ Add to comparison ☐ Add to favourites

Access the resource

VARIOUS ORDER TYPES

[Webpage](#)
[Helpdesk](#)
[Helpdesk e-mail](#)
[Manual](#)
[Training information](#)

[Ask a question about this resource?](#)

ABOUT

DETAILS

REVIEWS (0)

B2FIND is the EUDAT metadata indexing service and provides a discovery portal which allows users to find data collections within an international and inter-disciplinary scope. It is based on a comprehensive metadata catalogue of research data collections stored in EUDAT data centres and community repositories. Harmonization of the metadata descriptions collected from heterogeneous sources enables not only the presentation in a consistent form but as well the faceted search across scientific domain boundaries. For Communities and other providers of research data who need to publish and give visibility to their metadata and individual researchers who need to search data from everywhere, and see data in the context with an across community approach.

Features

- Harmonization of the metadata descriptions via the EUDAT Core metadata schema
- Harvesting of repositories via different protocols (e.g. OAI-PMH, CSW, Rest-APIs)
- Facetted search via 12 facets (including geospatial and temporal search options), additional free text search
- Metadata aggregation from community repositories, multiple metadata standards are supported
- Harvested by OpenAIRE explorer

Resource offers

OPEN ACCESS

For Researchers

B2FIND is a discovery service based on metadata steadily harvested from research data collections from EUDAT data centers and other community repositories. The service offers faceted browsing and...

[Show more](#)

ORDER REQUIRED

For Data Providers

To enlarge the discovery of existing datasets, data repository owners can make their research data collections stored in existing data repositories harvestable and discoverable via the public...

[Show more](#)

TECHNICAL PARAMETERS

Data repository name string

Harvesting method OAI-PMH - Other

SCIENTIFIC CATEGORISATION



Generic

- Generic
- Generic

CATEGORISATION

- Scholarly Communication
 - Outreach
 - Discovery
- Data
 - Scientific/Research Data
- Aggregators & Integrators
 - Data
- Data Management
 - Discovery
 - Persistent Identifier

TARGET USERS

- Researchers
- Research Communities

RESOURCE AVAILABILITY AND LANGUAGES

- English



🏠 / Datasets

Filter by location [Clear](#)



Map data © [OpenStreetMap](#) contributors
Tiles by [Stamen Design](#) (CC BY 3.0)

🕒 Filter by time [Clear](#)

Start:

-0342-06-13

End:

1504-12-31 18:20:41

📅 Publication Year [Clear](#)

mobility



4,200 datasets found for "mobility"

Order by: [Relevance](#) ▾

Mobility Matrix

Quah's mobility matrix97 countries. GDP per capita for 1960 and 2019- source world bank data
THIS DATASET IS ARCHIVED AT DANS/EASY, BUT NOT ACCESSIBLE HERE. TO VIEW A LIST...

Mobility Data

This Spatio-temporal dataset is collected from 24 users over 9 months (dating 12 September 2018 to 23 May 2019). A GPS trajectory of this dataset is represented by sequential...

International Mobil

Die Studie konzentriert sich auf drei zentrale Fragestellungen: erstens, die soziostrukturellen Merkmale der international mobilen Deutschen, zweitens die Motive und Beweggründe...

Mobile Health: the adoption and diffusion of mobile health applications

Data base for mobile health applications, which information was collected from the Google Play Store and updated monthly over 6 months and for the following variables: "Name"



B2SHARE

Store and publish research data

Organisation: [EUDAT](#)

Provided by: [CSC – IT CENTER FOR SCIENCE, SURF, Gesellschaft für wissenschaftliche Datenverarbeitung mbH Göttingen](#)

☆☆☆☆☆ (0.0 / 5) 0 reviews ☐ Add to comparison ☐ Add to favourites

Access the resource

VARIOUS ORDER TYPES

→ [Webpage](#) → [Helpdesk](#) → [Helpdesk e-mail](#) → [Manual](#)
→ [Training information](#)

[Ask a question about this resource?](#)

ABOUT

DETAILS

REVIEWS (0)

B2SHARE is a user-friendly, reliable and trustworthy way for researchers, scientific communities and citizen scientists to store, publish and share research data in a FAIR way. B2SHARE is a solution that facilitates research data storage, guarantees long-term persistence of data and allows data, results or ideas to be shared worldwide. B2SHARE supports community domains with metadata extensions, access rules and publishing workflows. EUDAT offers communities and organisations customised instances and/or access to repositories supporting large datasets.

Features

- Support of metadata descriptions via the EUDAT metadata schema
- Registers DOIs for datasets and Handle PIDs for data objects
- Supports versioning
- Harvested by B2FIND and OpenAIRE explorer
- Direct upload from B2DROP
- Accessible via a Web GUI and an API to support automatic publishing workflows
- Supports community domains
- Allows communities to define metadata extensions, access rules and publishing workflows

Resource offers

OPEN ACCESS

For Researchers - Basic

B2SHARE is a free-to-use public service supporting cross

ORDER REQUIRED

For Data managers - Premium

The B2SHARE - Premium service is the same as the basic

SCIENTIFIC CATEGORISATION



Generic

- Generic
- Generic

CATEGORISATION

- Data Storage
 - Digital Preservation
- Data Management
 - Preservation
 - Embargo
 - Discovery
 - Persistent Identifier
- Scholarly Communication
 - Publication
- Data
 - Scientific/Research Data

GO TO EUDAT WEBSITE



[HELP](#)
[COMMUNITIES](#)
[UPLOAD](#)
[CONTACT](#)

[Login](#)

Store and publish your research data

Search in public datasets or register as a user to upload and publish your data!

Please use <https://trng-b2share.eudat.eu> for testing or training.

[Login or Register](#)

Create record

Create a new record

Latest records

Third moments over heterogeneous landscape

31 Jan 2022

Results from the multi-level mast eddy covariance measurements, conducted over flat grassland, in coastal zone and over complex urban terrain surrounded by trees and small buildings.

Soil moisture observation in a forested headwater catchment: combining a dense cosmic-ray neutron sensor network with roving and hydrogravimetry at

To other new educational ways for interdisciplinary cooperation and innovation: about a student-driven hackathon

30 Jan 2022 by Ribault, Shams; Bessaguet, Hugo

Results of a pre- and post- Hacking Rehab Lyon survey evaluating the event

A Well-Being Index for Housing in Madrid

28 Jan 2022 by Sánchez, Beatriz; Velázquez, Javier; Gómez, Inmaculada; Sánchez, Enrique; Herráez, Fernando; Chasco, Coro

Dataset accompanying the publication "A Well-Being Index for Housing in the Central Districts of Madrid, Spain" (Journal of Urban Planning and Development 2022, 148-2). The internal characteristics of

Spatio-temporal analysis of historic and projected flood formation in the Rhine River basin - Result figures

All Resources 327

CATEGORIES

2D/3D Digitisation	2
Artificial Intelligence	6
Data Exploitation	2
Forecast	5
Image/Data Analysis	13
Machine Learning	8
Visualization	4
Workflows	3
Other	28

FILTERS

Scientific Domains



Find or choose from the list below

- | | |
|--|---|
| <input type="checkbox"/> Agricultural Sciences | 3 |
| <input type="checkbox"/> Agriculture, Forestry & Fisheries | 3 |
| <input type="checkbox"/> Agricultural Biotechnology | 0 |
| <input type="checkbox"/> Animal & Dairy Sciences | 0 |
| <input type="checkbox"/> Other Agricultural Sciences | 0 |
| <input type="checkbox"/> Veterinary Sciences | 0 |
| <input type="checkbox"/> Natural Sciences | 2 |
| <input type="checkbox"/> Earth & Related Environmental | 2 |

Forecast

 SUGGESTED

Aquaculture Farming

A comprehensive and collaborative environment to analyse and forecast aquaculture farm performances.

Organisation:
[BlueBRIDGE](#)

Alien and Invasive Species Virtual Re...

A web-based, collaborative working environment enacting to predict the spread of an invasive species (possi...

Organisation:
[D4Science Infrastructure](#)

DEEP training facility

Distributed training facility for Machine Learning, Artificial Intelligence and Deep Learning models.

Organisation:
[Institute of Physics ...](#)

Displaying 5 results

Sort by: by name A-Z



Alien and Invasive Species Virtual Research Environment

A web-based, collaborative working environment enacting to predict the spread of an invasive species (possibly alien) in a new environment

Organisation: [D4Science Infrastructure](#)
Scientific domain: Agriculture, Forestry & Fisheries

☐ Add to comparison ☐ Add to favourites

 OPEN ACCESS





NI4OS-Europe Catalogue

[Resources](#) [Providers](#) [Helpdesk](#)

[Home](#) > [Resources](#)

All

All

Resources

REPOSITORY

ON-BOARDED

Repository of Faculty of Science, University of Zagreb
— Institutional repository

The repository provides access to publications and research data produced by the employees and the students of the faculty. Content of repository is open to all users for searching and downloading with clearly stated usage rights. OpenDOAR OpenAIRE...

REPOSITORY

ON-BOARDED

CHERRY - CHEmistry Repository
— Institutional repository of the University of Belgrade - Faculty of Chemistry

CHERRY, ie CHEmistry Repository is a joint digital repository of the all departments in University of Belgrade - Faculty of Chemistry. CHERRY provides open access to the publications, as well as to other outputs of the research projects implemented in this institution. OpenDOAR OpenAIRE...

REPOSITORY

ON-BOARDED

Repository of the Institute of Public Finance, Zagreb
— Institutional repository

Repository provides access to publications and research data produced by the employees of the institute, papers published in scientific journals, conference proceedings, dissertations, books, manuals, guides and complete documentation related to the Institute's

REPOSITORY

ON-BOARDED

University of Zadar Institutional Repository of evaluation works
— Institutional repository

The repository provides access to publications and research data produced by the employees and the students of the faculty. Content of repository is open to all users for searching and downloading with clearly stated usage rights. OpenDOAR OpenAIRE...

REPOSITORY

ON-BOARDED

DAIS - Digital Archive of the Serbian Academy of Sciences and Arts
— Open access to publications and other research outputs resulting from the projects and other activities implemented by the SASA and its institutes.

DAIS - Digitalni arhiv izdanja SANU / Digital Archive of the Serbian Academy of Sciences and Arts is a joint digital repository of the Serbian Academy of Sciences and Arts (SASA) and the ...

REPOSITORY

ON-BOARDED


NI4OS-Europe repository service
— NI4OS-Europe general-purpose data repository.

NI4OS Repository Service (NRS) is the main storage service of a community that holds "Regional Community Datasets". The NRS is also the platform to host all kinds of additional data such as publications (and their associated data), software (or references to software), workflow descriptions (e.g. how to





FINKI Cloud generic service

 [Resources](#) [Providers](#) [Helpdesk](#)

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[Home](#) > [Resources](#) > [FINKI cloud](#)

[Edit in Agora](#)

FINKI cloud


Openstack cloud deployed at the Faculty of Computer Science and Engineering, UKIM.

Helpdesk	User manual	Terms of use	Privacy policy	Access policy	Monitoring
--------------------------	-----------------------------	------------------------------	--------------------------------	-------------------------------	----------------------------


Openstack cloud deployed at the Faculty of Computer Science and Engineering, UKIM. Cloud infrastructure based on Openstack and is hosted on 15 Huawei servers, each with 128GB RAM and 20 HT CPU cores, totaling in 300 vCPU cores and 37TB SSD and 32 TB SAS storage. The system is in production from 2017 as a National cloud system. The connectivity to Internet is 1Gbit through MARNET provided link to GEANT. Currently the system hosts templates for all popular Linux distributions, and Windows variations. The primary target communities are the ones from the long tail of science.

The infrastructure if fully integrated with the eduGAIN / NI4OS AAI, enablig seamles access to virtulizes computing, network and storage resources.

Resource organization


[University Ss. Cyril and Methodius, Faculty of Computer Science and Engineering](#)
North Macedonia (MK)

Resource providers

[University Ss. Cyril and Methodius, Faculty of Computer Science and Engineering](#)
North Macedonia (MK)

GENERIC

ON-BOARDED



Универзитет „Св. Кирил и Методиј“ во Скопје
ФАКУЛТЕТ ЗА ИНФОРМАТИЧКИ НАУКИ
И КОМПЈУТЕРСКО ИНЖЕНЕРСТВО

Website
<https://openstack.finki.ukim.mk/>

Readiness
TRL9

Domain
[Natural Sciences](#) [Engineering & Technology](#)

Subdomain
[Electrical, Electronic & Information Engineering](#)
[Other Engineering & Technology Sciences](#)
[Computer & Information Sciences](#)

Category
Compute

Subcategory
[Virtual Machine Management](#)

Target users



How to participate in building EOSC?





EOSC Future



The screenshot shows the EOSC Future website. The header features the EOSC Future logo on the left and a navigation menu on the right with links: About +, Data in Action +, News, Events, Library, Contact, Get involved +, Funding, Portal, and social media icons for LinkedIn and Twitter. The main content area is titled 'About EOSC' and lists several research themes: Climate and biodiversity, State of the Environment, Climate-Neutral and Smart Cities, Imaging COVID-19 data in EOSC, COVID-19 Metadata Findability and Interoperability, Tracing biostructures, The Dynamics of Biological Processes, Dark Matter, The Extreme Universe and Gravitational Waves, and Access Management for Distributed Research Infrastructures. A paragraph at the bottom describes the platform's goal to integrate existing data and services from science communities, research infrastructures, and e-infrastructures, providing a user-friendly environment for data, resources, and services.

About EOSC


With researchers and other project stakeholders as c
scientific disciplines. The EOSC platform will also seamlessly integrate existing data and services from science communities, research infrastructures and e-infrastructures. Via a
single sign-on system, European researchers will thus have access to interoperable resources and support to manage the full lifecycle of their data.


<https://eoscfuture.eu/data-in-action/>



UIDE WILL PROVIDE A USER FRIENDLY ENVIRONMENT FOR:



[EOSC Future Grants](#)




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[RDA CALLS](#) [RDA EXTERNAL EVALUATORS CALL](#)

Apply now to the RDA open calls!

Optimising RDA Open Science Frameworks and Guidelines in the context of EOSC.

[Read more and apply!](#) 



The European Open Science Cloud (EOSC) is envisioned by the European Commission as a supporting landscape to foster open science and open innovation. A network of organisations and infrastructures from various countries and communities that support the open creation and





RDA Open Calls

- RDA is running a series of calls, in the context of the EOSC Future project, to further enable **integration and take up of EOSC services**.
- The **purpose** of these RDA Open Calls is to engage the community from a bottom-up approach to contribute their know-how to EOSC.
- The purpose of these grants is to enable communities outside of EOSC to leverage EOSC services.
- This call iteration specifically **targets small projects to show implementation and take up**.
- It aims to **support and encourage examples of adoption** of existing RDA recommendations and outputs which can benefit the community around EOSC and to **promote examples and lessons learnt**.





Open Calls



For Individuals or Organisations



RDA Open Call for RDA / EOSC Future Domain Ambassadors #1

Opening date: 11 Nov 21 - 12:00 am CET
Closing date: 15 Feb 22 - 04:00 pm CET

€7.500

per approved application

Apply

[Read more >](#)



For Organisations



RDA Open Call for Maintenance Facilities

Opening date: 11 Nov 21 - 12:00 am CET
Closing date: 15 Mar 22 - 04:00 pm CET

€40.000

per approved application

Apply

[Read more >](#)



For Individuals or Organisations



RDA Open Call for RDA Working Groups #1

RDA is running a series of Open Calls, in the context of the EOSC Future project, to further enable the integration and take-

Opening date: 17 Jan 22 - 12:00 am CET
Closing date: 21 Mar 22 - 05:00 pm CET

€15.000

per approved application

Apply

[Read more >](#)



For Individuals or Organisations



RDA Open Call for RDA Communities of Practice #1

RDA is running a series of Open Calls, in the context of the EOSC Future project, to further enable integration and take-up

Opening date: 17 Jan 22 - 12:00 am CET
Closing date: 21 Mar 22 - 05:00 pm CET

€7.500

per approved application

Apply

[Read more >](#)





*"..we open up data as a resource for innovation and bring new solutions to the market - and our scientists are already beginning to do this. **We are now building a European Open Science Cloud.** It is a trusted space for researchers to store data and access data from researchers from other disciplines."*

EOSC is here to stay!

- EOSC aims at creating a virtual research environment to access and interoperate research data and other research outputs in Europe across the different disciplines.





Links & contact

- **Useful links:**
 - <https://www.eosc-portal.eu/>
 - <https://marketplace.eosc-portal.eu/>
- **Get in touch with EOSC:**
 - <https://www.eosc.eu>
 - <https://eosc-portal.eu/contact-us>



THANK YOU

EO SC FUTURE

Any Questions ?