

How and why libraries should become EOSC providers

Libraries as EOSC providers

Inge Van Nieuwerburgh

Ghent University, EOSC Future

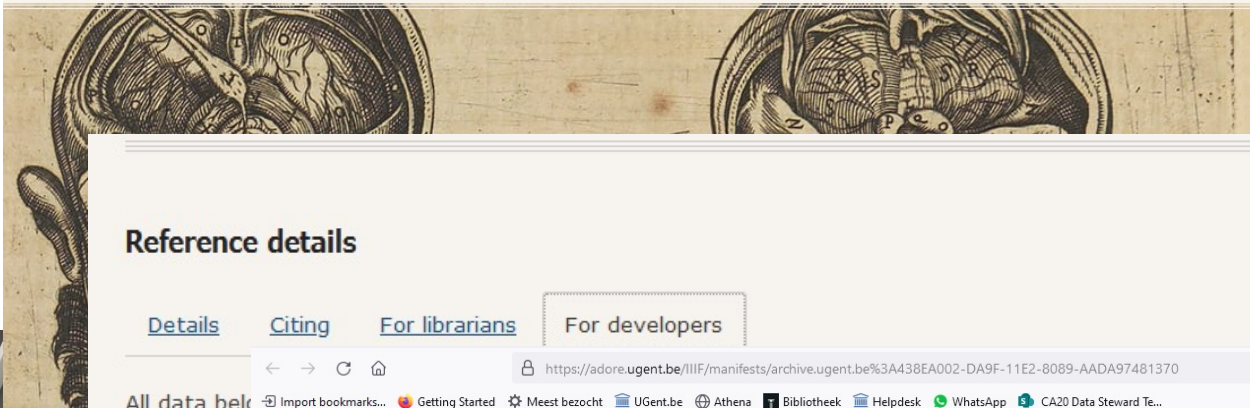


with



The EOSC Future, C-SCALE, DICE, EGI-ACE, OpenAIRE-Nexus, Reliance and ARCHIVER projects are funded by the European Union Horizon Programme calls INFRAEOSC-03-2020 and INFRAEOSC-07-2020 and H2020-ICT-2018-20





Reference details

[Details](#) [Citing](#) [For librarians](#) [For developers](#)

https://adore.ugent.be/IIIF/manifests/archive.ugent.be%3A438EA002-DA9F-11E2-8089-AADA97481370

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publish yo
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JSON Raw Data Headers

Save Copy Collapse All Expand All Filter JSON

```
within: []
label: "Koninklijk ballet van Vlaanderen Robert Denvers Don Quichote : Gent, koninklijke opera gent 6 en 7 januari om 20 uur 8 januari 1989 om 15 uur"
related:
  format: "text/html"
  @id: "https://lib.ugent.be/viewer/archive.ugent.be%3A438EA002-DA9F-11E2-8089-AADA97481370"
  @id: "https://adore.ugent.be/IIIF/manifests/archive.ugent.be%3A438EA002-DA9F-11E2-8089-AADA97481370"
license: "INC"
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    label: "Record"
    value: "<a href='\"https://lib.ugent.be/catalog/rug01%3A001652468/items/800000075988'\">https://lib.ugent.be/catalog/rug01%3A001652468/items/800000075988</a>"
  1:
    value: "Lauwers, Staf"
    label: "Author"
  2:
    value: "vanderschoot, Hans"
    label: "Author"
  3:
    value: "[poster] Koninklijk ballet van Vlaanderen Robert Denvers Don Quichote : Gent, koninklijke opera gent 6 en 7 januari om 20 uur 8 januari 1989 om 15 uur / ontwerp Hans Vanderschoot; foto Staf Lauwers."
    label: "Title"
  4:
    value: "1 beeldaffiche."
    label: "Description"
  5:
    value: "s.l. : Favorit, 1989."
    label: "Publisher"
  6:
    label: "Object ID"
    value: "archive.ugent.be:438EA002-DA9F-11E2-8089-AADA97481370"
  7:
    label: "Barcode"
    value: "800000075988"
  8:
    label: "Callnr"
    value: "BIB.AFF.B.003515"
description: ""
service:
  0:
    accessHint: "lib"
    @id: "https://adore.ugent.be/IIIF/ld-ext/0/access-control-hints-service"
    profile: "https://adore.ugent.be/IIIF/ld-ext/0/access-control-hints"
    @context: "https://adore.ugent.be/IIIF/ld-ext/0/context.json"
```



OAI
M

**Many libraries already are
EOSC providers**





Why?

Libraries have been working for years on

- linked open data
- Metadata standards
- Protocols
- Controlled vocabularies
- Connection with CRIS systems
- Integration with ORCID
- Alternative metrics such as Altmetric
- Teams working on “automation” (e.g. [ELAG](#))

=> Working on FAIR for years, just not labeled as such



High standards in the library community

Curation -> Data quality

Collaboration with research groups

Mindset of sharing knowledge

Information literacy practices -> data stewards

Archiving -> preservation

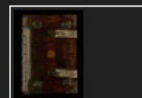
=> Well established networks

Some examples





CONTENTS



voorplat



dekblad | ...



schutblad...



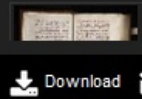
schutblad...




schutblad...



fol. 1 v | f...



Download  open data

Antifonarium Tsgrooten [manuscript]

MORE INFORMATION

About this work

JSON Raw Data Headers

Save Copy Collapse All Expand All (slow) Filter JSON

```

attribution: "Provided by Ghent University Library"
▶ thumbnail: {}
@context: "http://iiif.io/api/presentation/2/context.json"
logo: "https://adore.ugent.be/IIIF/img/Logo_i.svg"
▼ seeAlso:
  ▶ @id: "https://lib.ugent.be/cat...ug01%3A001255925.marcxml"
    dcterms:format: "application/marcxml+xml"
  @type: "sc:Manifest"
▼ service:
  ▶ @: {}
▼ description: "Temporale (ff. 1r-135v); Hymns (ff. 136r-151v); Miscellaneous offices (f. 152r); Common of the Saints (ff. 152v-161v); Sanctoriale (ff. 161v-337v)
<br>Koorboeken met een dergelijk hoog niveau van artistieke uitvoering zijn zeldzaam op zich. Het feit dat zowel de ontstaansgeschiedenis als het
gebruikersmilieu van het antifonarium volledig gedocumenteerd zijn, maakt dit handschrift tot een uiterst zeldzaam object. Het handschrift heeft
bijzondere waarde voor het collectieve geheugen, aangezien het een getuige is van het rijke religieuze muziekleven in de Zuidelijke Nederlanden v
de 15de en 16de eeuw. Het object heeft eveneens een schakelfunctie, omdat de noten - op sommige plaatsen ook de tekst - aangepast werden. We kenne
de precieze datum van het ontstaan van het handschrift (1522) en kunnen daardoor de muzikale adaptaties volgen door de 16de eeuw. Aangezien het
handschrift precies gedateerd is naar tijd en plaats, heeft het tevens een belangrijke ijkfunctie. Handschriften zonder context kunnen aan dit
document getoetst worden. Ook voor de onderzoekers van miniaturen is dit antifonarium een belangrijke bron. Tot slot bezit het handschrift een
bijzondere artistieke waarde. Het is een voorbeeld van hoogstaande verlichting in Gents-Brugse stijl, vervaardigd in het hertogdom Brabant, het b
een uitstekende kwaliteit van miniaturen en initialen, er werd duur materiaal voor gebruikt en het is nog in uitstekende staat."
▶ sequences: [-]
▼ @id: "https://adore.ugent.be/IIIF/manifests/archive.ugent.be%3A082FD364-C35A-11DF-A9D6-99EF78F64438"
▶ related: {}
▶ metadata: [-]
  license: "CC-BY-SA-4.0"
  within: []
  label: "Antifonarium Tsgrooten [manuscript]"

```

ATTRIBUTION

Provided by Ghent University Library



AdamNet

AdamNet is a network of Libraries in Amsterdam. The aim of the network is to link the collections. The project Adamlink wants to make link the collections and make it available as linked open data (LOD)

- ⇒ URI for different entities
- ⇒ Use of controlled vocabularies
- ⇒ Available in different open formats
- ⇒ With a cc-by-sa licence
- ⇒ Triple platform
- ⇒ Use of standards

More information? See [presentation in ELAG 2018 by Lukas Koster](#)

Data Adamlink

Binnen het project Adamlink is veel data gemaakt - hier op adamlink.nl vindt u de referentiedata (straten, wijken, personen, gebouwen).

Deze datasets zijn opgenomen en [te SPARQLen](#) binnen de CLARIAH infrastructuur. Datzelfde geldt voor de collectiedata van de deelnemende instellingen. Deze RDF datasets en de bijbehorende diensten zijn te vinden op druid.datalegend.net/AdamNet.

API

Er is een api waar straat-, gebouw- en persoonsnamen op afgevuurd kunnen worden om bijbehorende identifiers te zoeken.

<https://adamlink.nl/api/search/?datasource=streets&q=Andrieszstraat>

<https://adamlink.nl/api/search/?datasource=buildings&q=Amsterdamsche%20Bank>

https://adamlink.nl/api/search/?datasource=persons&q=Cruyff_H.J

Verantwoording Referentiedata

De referentiedatasets voor Amsterdamse straten, gebouwen, wijken en personen zijn samengesteld uit verschillende bronnen, waarop zo goed mogelijk redactie wordt gevoerd.

Voor de straten is dankbaar gebruik gemaakt van de Basisadministratie Adressen en Gebouwen (BAG), door [Erfgoed](#) daarmee verbonden geometrieën uit het Nationaal Wegenbestand (NWB), lijsten van het [Stadsarchief](#) digitalisering van historisch kaartmateriaal door o.a. Menne Kosian ([RCE](#)) en Paul Dijkstra ([UvA](#)), [amsterdamhistorie.nl](#) van Henk Laloff, [Wikidata](#), schrijfwijzes en naamvarianten uit de data van [Joods Monument](#), de [Alfabetische Lijst van Gangeten in Amsterdam](#) van Willem Blok en tal van andere (online) publicaties.

In deze data werd soms wel vermeld in welk jaar een bepaalde straat(naam) in een bron werd aangetroffen, maar zelden vanaf wanneer (en, bij verdwijnen, tot wanneer) een straat bestaat of naam gebruikt wordt. Deze gegevens proberen we zelf zo veel mogelijk aan te vullen. Een goede bron daarbij is de *Stadsatlas Amsterdam* van Martha Bakker, waar alle raadsbesluiten betreffende naamgeving in opgenomen zijn. Vaak valt zo'n raadsbesluit samen met de aanleg van een straat.

In de beschikbare data worden verdwenen straten en historische namen hier en daar wel met huidige straten verbonden. Achter 'Pretoriusplein' staat dan 'Steve Bikoplein'. Of achter 'Leprozengracht' staat 'Waterlooplein'. In het eerste geval is volgens ons inderdaad sprake van één straat, die in de loop der tijd meerdere namen heeft gehad. In het tweede geval beschouwen we de Leprozengracht als een opzichzelfstaande straat, die samen met de Houtgracht is opgegaan in het Waterlooplein.

Er zijn gevallen waarin je meerdere keuzes kunt maken. De huidige Spinozastraat bijvoorbeeld, bestond tot 1942 uit drie straten: Spinozastraat, twee stukjes Andrieszkade aan weerszijden daarvan en de Andrieszstraat. Bij het samenvoegen besloot men de verlengde straat Andrieszstraat te noemen, omdat Spinoza van joodse komaf was. In 1945 is die Andrieszstraat weer Spinozastraat genoemd.

We hebben dat zo opgelost: de Spinozastraat is een straat die vanaf 1872 tot nu bestaat en van 1942 tot 1945 Andrieszstraat genoemd werd. De Spinozastraat heeft twee geometrieën, één tot aan en één vanaf 1942. De Andrieszkade en Andrieszstraat hebben tot 1942 bestaan. We hadden ook de Andrieszstraat kunnen laten voortbestaan, die dan in 1945 Spinozastraat was gaan heten, maar dat zou heulen met de vijand zijn geweest.

Download referentiedata

Straten

[adamlink-straten.csv](#)

Dit bestand bevat geen geometrieën, alternatieve straatnamen en relaties.

[adamlink-straten.geojson](#)

Dit bestand bevat de geometrieën van de straten (met soms meerdere geometrieën per straat). Het is ook mogelijk de geometrieën van een specifiek jaar op te vragen.

[adamlinkstraten.ttl](#)

RDF, bevat ook alle geometrieën, alternatieve straatnamen en relaties.

Gebouwen

[adamlinkgebouwen.ttl](#)

RDF, met geometrieën en alternatieve namen.

Personen

[adamlinkpersonen.ttl](#)

RDF, met alle namen.

Wijken

[adamlinkwijken.ttl](#)

RDF, met geometrieën.

Adressen

De adresdata is, in allerlei formaten, te downloaden vanaf de [adressen startpagina](#).

Biblio



ACADEMIC BIBLIOGRAPHY

Search 200 years of publications by Ghent University researchers.

ACADEMIC BIBLIOGRAPHY

Search 200 years of publications by Ghent University researchers.

Reusing data

- Exports
- Search API
- Embedding into external pages
- unAPI discovery service
- Sitemap
- OAI harvesting service
- SRU search service
- RSS news feeds
- Twitter
- Data dumps

Query language

- CQL

Vocabularies used

- List of publication types
- List of publication statuses
- List of article types
- List of conference types
- List of misc types
- List of subjects
- List of UGent classifications
- List of affiliations
- List of citation styles

Download & API

Exports

single publication

GET /publication/{id}?format={format}

GET /publication/{id}.{format}

all publications

GET /publication/export?format={format}

subset of publications

GET /publication/export?q={query}&format={format}

by a person

GET /person/{ugent id}/publication/export?format={format}

by a group of people

GET /group/{ugent id},{ugent id}/publication/export?format={format}

by an organizational unit

GET /organization/{id}/publication/export?format={format}

by an organizational unit for a given year

GET /organization/{id}/{year}/publication/export?format={format}

relating to a project

GET /project/{id}/publication/export?format={format}

SINGLE PUBLICATION

Every publication can be exported in various formats. Given a publication with

JSON

</publication/780271.json>

</publication/780271?format=json>

YAML

</publication/780271.yaml>

</publication/780271?format=yaml>

BibTeX

</publication/780271.bibtex>

JSON

</publication/780271.json>

</publication/780271?format=json>

YAML

</publication/780271.yaml>

</publication/780271?format=yaml>

BibTeX

</publication/780271.bibtex>

</publication/780271?format=bibtex>

RIS (reference software)

</publication/780271.ris>

</publication/780271?format=ris>

CSV

</publication/780271.csv>

</publication/780271?format=csv>

Excel (XLS)

</publication/780271.xls>

</publication/780271?format=xls>

Excel (XLSX)

</publication/780271.xlsx>

</publication/780271?format=xlsx>

RDF

</publication/780271.rdf>

</publication/780271?format=rdf>

MODS Deprecated

</publication/780271.mods>

</publication/780271?format=mods>

VABB

</publication/780271.mods>

</publication/780271?format=vabb>

MODS 3.6

</publication/780271.mods>

</publication/780271?format=mods36>

Dublin Core

</publication/780271.dc>

</publication/780271?format=dublin-core>

METS

</publication/780271.mets>

</publication/780271?format=mets>

DIDL

</publication/780271.didl>

</publication/780271?format=didl>

Text

</publication/780271.txt>

Publications Lists (22) Inge Van Nieuwerburgh ▾

Search API

protocol

REST

formats

JSON(P)

base url

<https://biblio.ugent.be/publication>

request method

GET

OAI harvesting service

A OAI-PMH based service is available to completely or partially harvest publications.

protocol

OAI-PMH

version

2.0

documentation

<http://www.openarchives.org/OAI/openarchivesprotocol.html>

base url

<https://biblio.ugent.be/sru>

SRU is a standard XML-focused search protocol for Internet search queries, utilizing [CQL](#) (Contextual Query Language), a standard syntax for representing queries.

protocol

SRU

version

1.1

documentation

<https://www.loc.gov/standards/sru/index.html>

base url

<https://biblio.ugent.be/sru>

Publication . Article . 2019

Pillared-layered metal-organic frameworks for mechanical energy storage applications

Wieme, Jelle; Rogge, Sven M. J.; Yot, Pascal G.; Vanduyfhuys, Louis; Lee, Su-Kyung; Chang, Jong-San; Waroquier, Michel; Maurin, Guillaume; Van Speybroeck, Veronique;

OPEN ACCESS

Published: 30 Sep 2019

Publisher: Royal Society of Chemistry (RSC)



LINK THIS PUBLICATION TO...

CITE THIS PUBLICATION

ADD TO ORCID



1 file | 2.02 MB Download Add to list

Subject
Physics and Astronomy

Year
2019

Publication type
Journal Article (Original Article)

Publication status
published

Journal title
JOURNAL OF MATERIALS CHEMISTRY A

J. Mater. Chem. A

ISSN
2050-7488

Volume
7

Issue
39

Pages
22663 - 22674

SUMMARY

RELATED CONTENT PROVIDERS

Description

This site is a university repository p English. Registered users can set up

Results with funding information: 5,

Countries: Belgium

Subjects
Multidisciplinary

SUMMARY

Abstract

Herein we explore the unique potential of pillared-layered metal-organic frameworks of the DMOF-1 family for mechanical energy storage applications. In this work, we theoretically predict for the guest-free DMOF-1 a new contracted phase by exerting an external mechanical pressure of more than 200 MPa with respect to the stable phase at atmospheric pressure. The breathing transition is accompanied by a very large volume contraction of about 40%. The high transition pressures and associated volume changes make these materials highly promising with an outstanding mechanical energy work. Furthermore, we show that changing the nature of the metal allows to tune the behavior under mechanical pressure. The various phases were revealed by a combination of periodic density-functional theory calculations, force field molecular dynamics simulations and mercury intrusion experiments for DMOF-1(Zn) and DMOF-1(Cu). The combined experimental and theoretical approach allowed to discover the potential of these materials for new technological developments.

Breathing metal-organic frameworks (MOFs) are promising candidates for mechanical energy storage. Theoretical and experimental measurements reveal the potential of pillared-layered MOFs.

Persistent Identifiers

DOI: [10.1039/c9ta01586h](https://doi.org/10.1039/c9ta01586h)

HANDLE: [1854/LU-8634558](https://hdl.handle.net/1854/LU-8634558)

Fields of Science (FOS) [Beta]

02 engineering and technology, 0210 nano-technology, 021001 nanoscience & nanotechnology

Communities

Communities with gateway

[Energy Research](#)

Funded by

[EC| DYNPOR](#)

Download from

[View all 7 versions](#)

[Journal of Materials Chemistry A](#)

Article . 2019

Providers: Datacite; European Union Open Data Portal; Sygma; Crossref

[Ghent University Academic Bibliography](#)

Article . 2019

Providers: Ghent University Academic Bibliography

[Journal of Materials Chemistry A](#)

Article



How?

Invest in tech support FAIR data

Invest in training on FAIR data

Make our own systems (catalogue / repository / image database, etc) FAIR

Get acquainted with the [Principles of Open Scholarly Infrastructure](#)

Embed data stewards / open science teams

Join the networks



27 APRIL

Libraries as EOSC providers

9.00 – 9.45 CEST

How and why libraries should become EOSC providers – Inge Van Nieuwerburgh, University of Gent

Current and upcoming functionalities for libraries – Paolo Manghi, OpenAIRE

A community presentation from Susanne Blumesberger, University of Vienna Library & Lisa Hönegger, AUSSDA

Libraries as intermediaries – Sara Garavelli

Repositories as EOSC providers

10.00 – 10.45 CEST

Why repositories should join EOSC – Sarah Jones, GÉANT

Showcases from Mark Hahnel (Figshare) and Taina Jääskeläinen (CESSDA)

Research projects as EOSC providers

11.00 – 11.45 CEST

What research projects can provide & how – Pedro Principe, UMINHO

HADDOCK use case – Alexandre Bonvin, University of Utrecht

FAIRsharing-org use case – Susanna Assunta Sansone, University of Oxford



Inge Van Nieuwerburgh

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[@ivnieuwe](#)

Ghent University

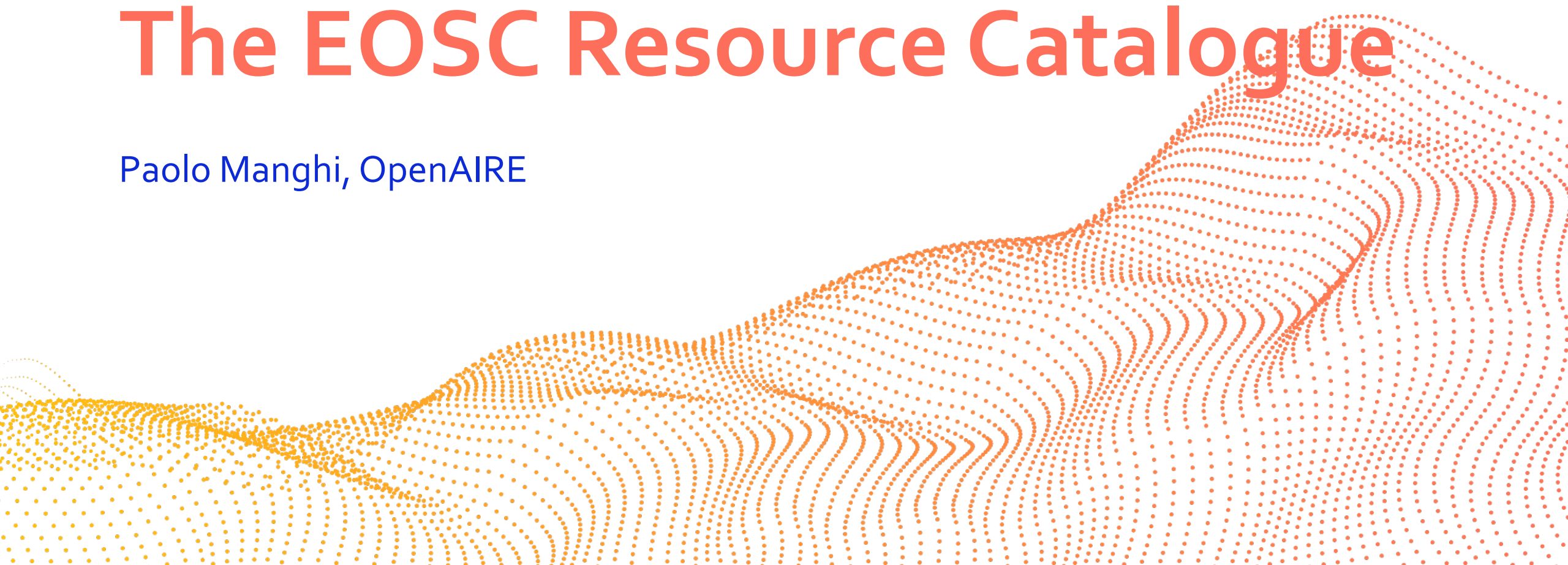
OpenAIRE

EOSC Future

EOSC-Pillar

The EOSC Resource Catalogue

Paolo Manghi, OpenAIRE

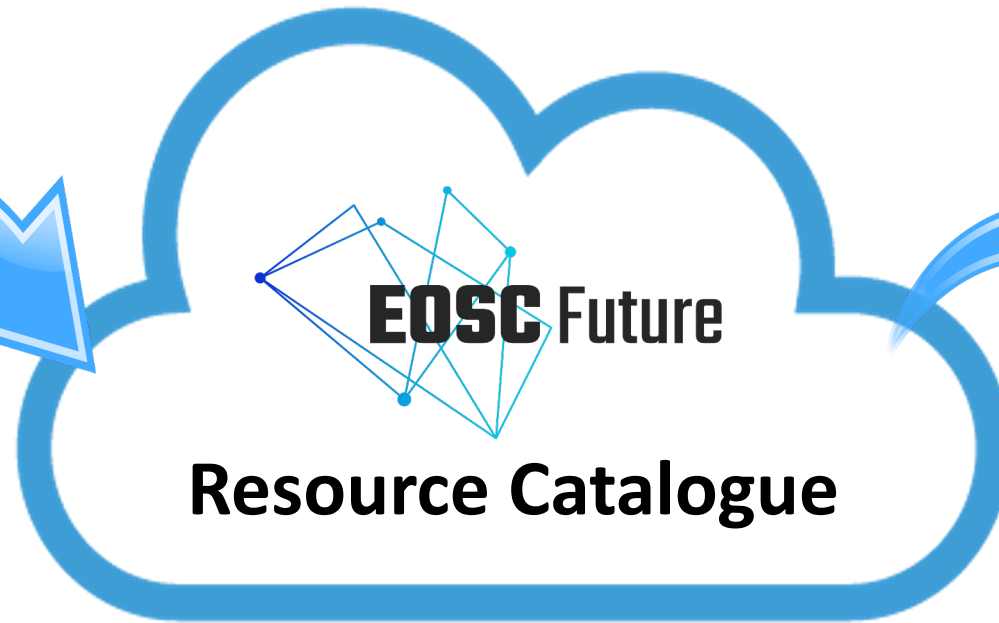


Sharing resources beyond organizational boundaries

Share resources!



Libraries (e.g. repositories, archives, CRIS systems)



Search, find, identify, compose, and reuse resources!



EOSC users
RIs, clusters, e-infras, long tail, libraries, organizations, funders, companies

Providers and Services and data sources

The screenshot displays the European Open Science Cloud (EOSC) Marketplace interface. At the top, the EOSC logo and navigation menu are visible. The search bar contains the text 'Zenodo'. Below the search bar, the search results for 'Zenodo' are shown. The main result is for 'Zenodo', a catch-all repository organized by OpenAIRE. It features a star rating of 0.0/5 with 0 reviews and options to 'Add to comparison' and 'Add to favourites'. A blue button labeled 'Access the resource' is prominently displayed, along with an 'OPEN ACCESS' icon. Below the main result, there are links for 'Webpage', 'Helpdesk', 'Helpdesk e-mail', 'Manual', and 'Training information'. A tabbed interface at the bottom shows 'ABOUT', 'DETAILS', and 'REVIEWS (0)'. On the right side, there is a 'SCIENTIFIC CATEGORISATION' section with a 'Generic' icon. The background of the screenshot shows a partial view of the 'geohazards' service page.

TERRA)UE



Research Products (from September 2022)

Publication . Part of book or chapter of book . 2013

Analyzing Twitter Data

Shamanth Kumar; Fred Morstatter; Huan Liu;

Published: 14 Oct 2013
Publisher: Cambridge University Press

CITE THIS PUBLICATION

Download from [View all 2 versions](#)

https://doi.org/10.1007/978-1-4614-9372-3_4
Part Of Book Or Chapter Of Book . 2013

Research Data . Dataset . 2021

Twitter-based population mobility and COVID-19 forecasting in South Carolina R-script and data

Zeng, Mengbo;

Published: 08 Mar 2021
Publisher: Mendeley

CITE THIS RESEARCH DATA

Download from [View all 4 versions](#)

<https://doi.org/10.17632/68chgz6chh.1>
Dataset . 2021
Providers: Datacite
Mendeley Data

Software

twitterscraper software on GitHub

OPEN SOURCE

CITE THIS SOFTWARE

Download from [View all 2 versions](#)

https://doi.org/10.1007/978-1-4614-9372-3_4
Part Of Book Or Chapter Of Book . 2013

Persistent Identifiers

DOI: [10.1017/cbo9781316182635.003](https://doi.org/10.1017/cbo9781316182635.003), [10.1007/978-1-4614-9372-3_4](https://doi.org/10.1007/978-1-4614-9372-3_4)

Subjects

ACM Computing Classification System: InformationSystems_MISCELLANEOUS

free text keywords: Data quality, Sentiment analysis, Visual analytics, World Wide Web, Computer science, Tokenization (data security), Social media, Microblogging, Data enrichment, Geotagging, Disaster monitoring, Latent Dirichlet allocation, symbols.namesake, symbols, Information retrieval, Work (electrical), Key (cryptographic), Network construction, Large set (combinatorics), Topic model, Eigenvector centrality

EUROPEAN OPEN SCIENCE CLOUD

Zenodo

Resources > Aggregators & Integrators > Aggregators & Integrators > Data > Zenodo

Zenodo
A catch-all repository
Organisation: **OpenAIRE**
0.0 / 5 0 reviews Add to comparison Add to favourites

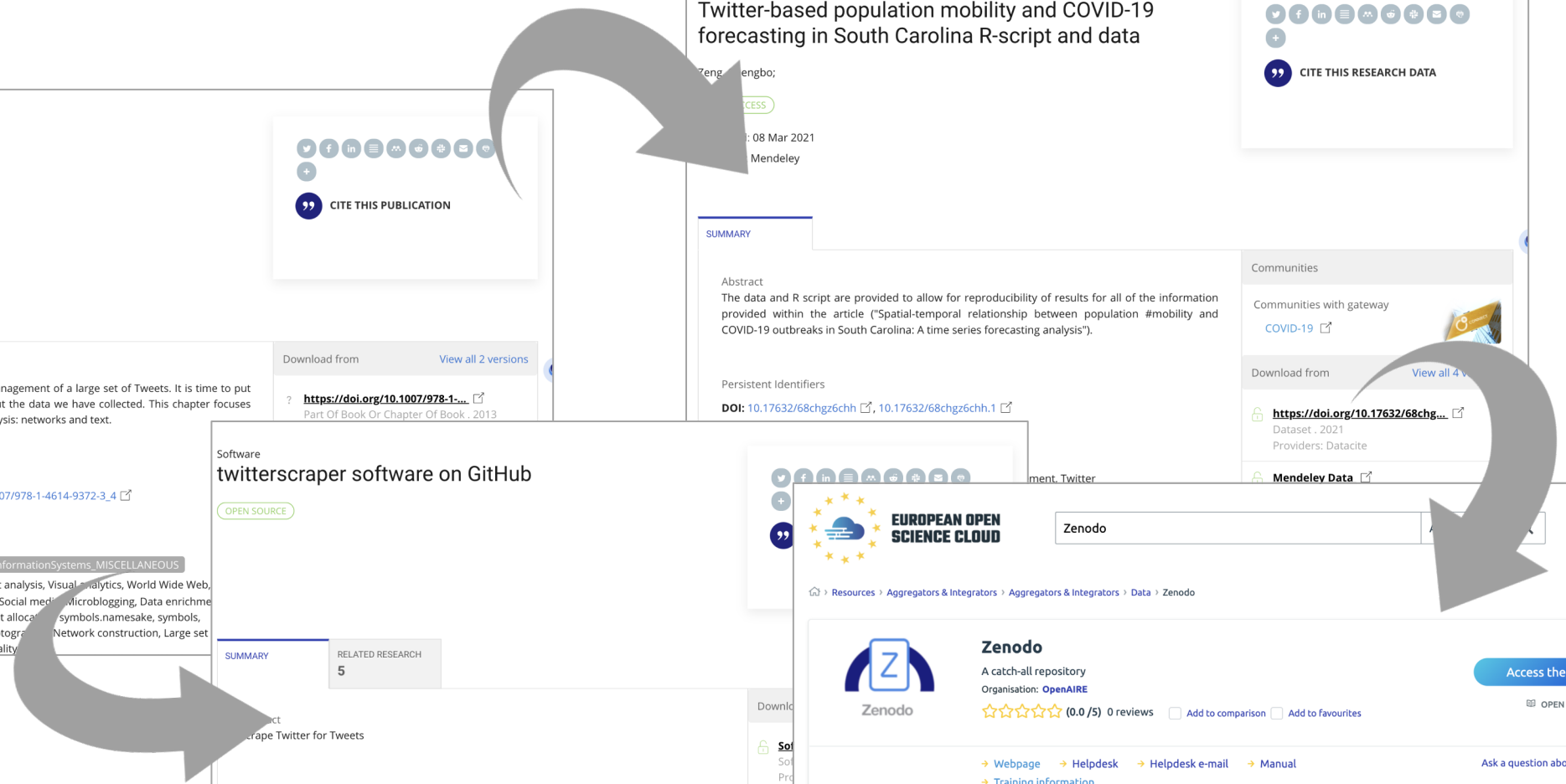
[Webpage](#) [Helpdesk](#) [Helpdesk e-mail](#) [Manual](#) [Training information](#) [Ask a question about this resource?](#)

Access the resource
OPEN ACCESS

ABOUT DETAILS REVIEWS (0)

Zenodo is a general purpose repository that enables researchers, scientists, projects and institutions to share, preserve and showcase multidisciplinary research results (data, software and publications) that are not part of the existing institutional or subject-based repositories of the research communities. It is founded in the trustworthy CERN data centre. Enables everyone to participate in Open Science. Used by more than 50K researchers and 3K communities all over the world.

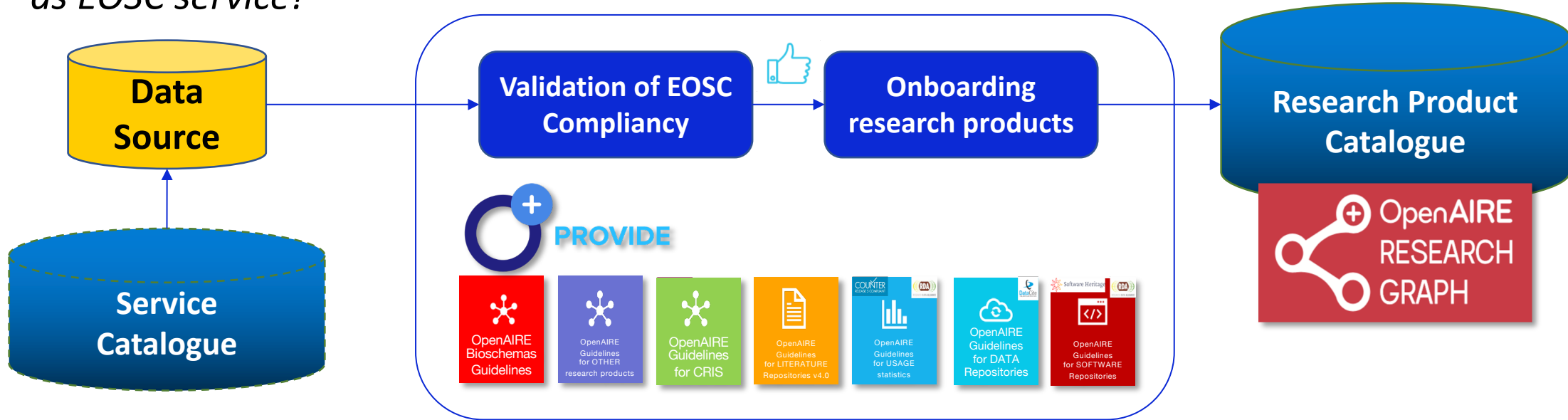
SCIENTIFIC CATEGORISATION
Generic



EOSC Research Product onboarding (OpenAIRE PROVIDE)

*Share data source
as EOSC service!*

*Share research products as
EOSC research products*



Reporting scientific production to funders, Commission, and scholarly communication services

Share resources



Libraries (e.g. repositories, archives, CRIS systems)



EUROPEAN OPEN SCIENCE CLOUD

Welcome to EOSC research discovery

Project Continuum Report

HORIZON 2020

Category	Status
Open Science Training Handbook	✓
Open Science Training Handbook	✓
Open Science Training Handbook	✓
Open Science Training Handbook	✓
Open Science Training Handbook	✓
Open Science Training Handbook	✓

Publications

Suggested publications from OpenAIRE (2 publications)

Accept the suggested publications from OpenAIRE and add

No.	Type	Title	Author	Title of the Journal/Proc. Book	Number	Year of the publication	DOI	Project	Action
1	Book/In	Open Science Training Handbook	Gergely Balazs, April Cyle		04/04/2018		10.5201/zenodo.212148		✖
2	Other	Project HORIZON Plus	Birkbeck, Nelson		07/04/2017		10.5201/zenodo.287121		✖

Project publications (1 publications)

No.	Type	Title	Author	Title of the Journal/Proc. Book	Number	Year of the publication	DOI	Project	Action
1	Publication	Project HORIZON Plus	Birkbeck, Nelson						✖

ORCID

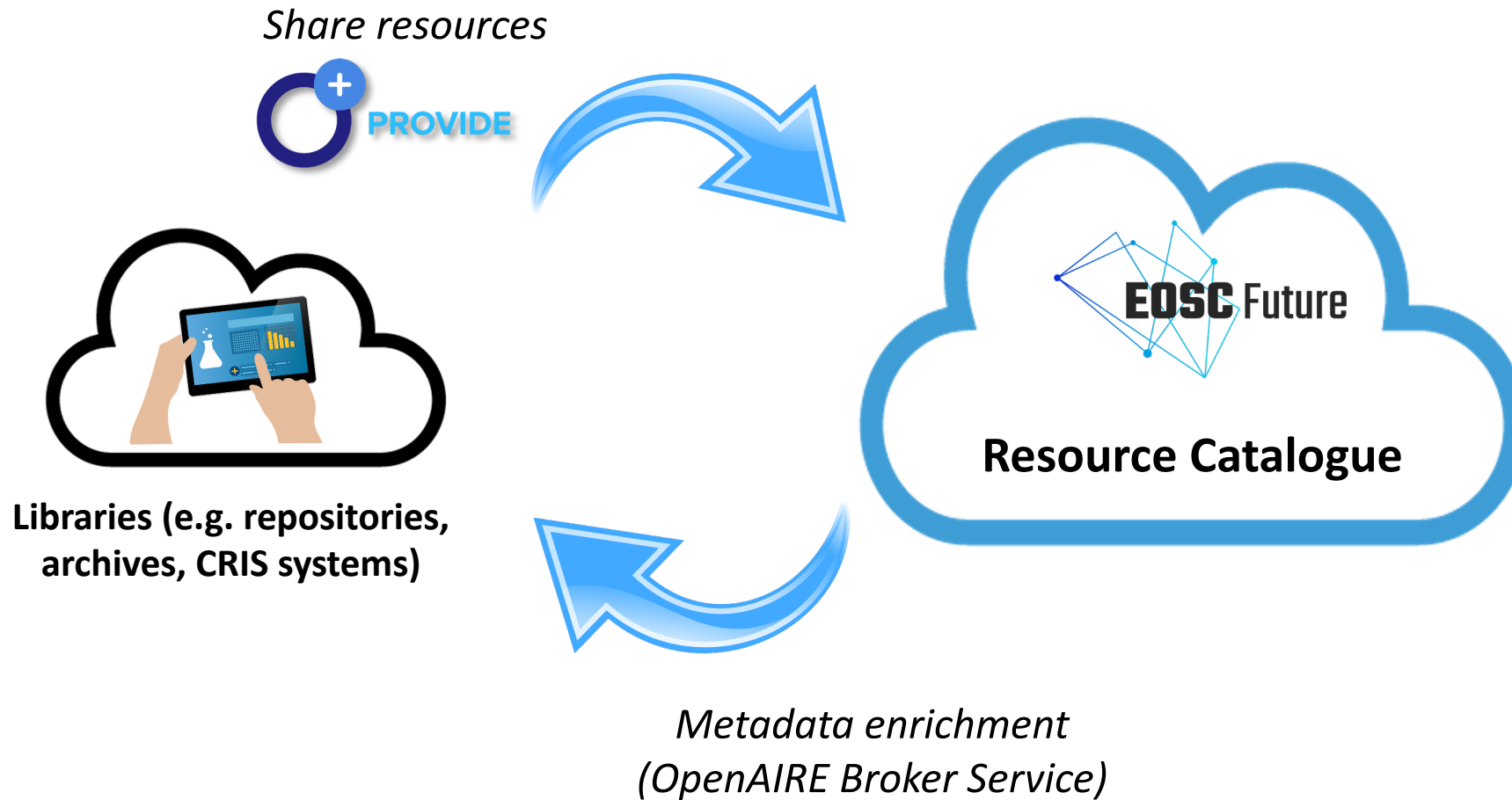


SciVal ELSEVIER



Scopus

Enriching provider's metadata



Libraries as pioneers for EOSC

Using the example of the Vienna University Library

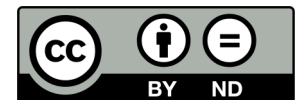
Susanne Blumesberger and Lisa Hönegger



with



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PHAIDRA

The repository for the permanent secure storage of digital assets
at the University of Vienna.

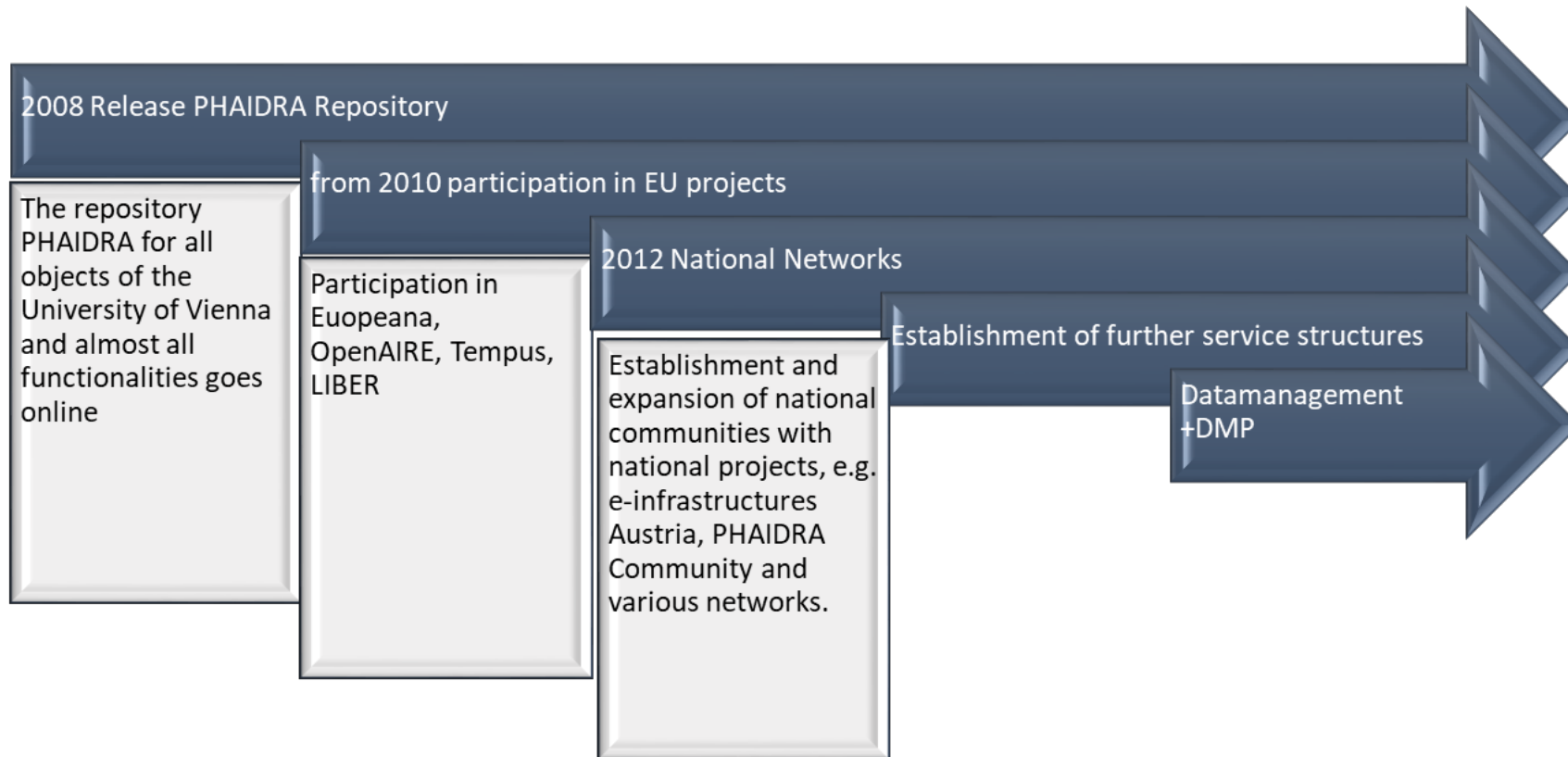




What includes PHAIDRA-Services

1. The repository for the permanent secure storage of digital assets at the University of Vienna.
2. Data management infrastructure and tools
3. Advice on data management and the creation of data management plans

PHAIDRA services developments





The PHAIDRA-Repository, fit for EOSC

1. Open and free access (all employees and all students of the University of Vienna can actively use PHAIDRA)
2. Differentiated access concept
3. Data can be licensed
4. Reliable long-term availability without time limit
5. All formats are allowed
6. The metadata of all PHAIDRA objects are publicly available.
7. All objects in PHAIDRA can be linked in different way
8. Very well established network through a PHAIDRA community and international and national projects

Integration into the research support of the university library

Research Support Services of the Vienna University Library



AUSSDA

@ the Vienna University Library

The Austrian Social Science Data Archive





What is AUSSDA/What is AUSSDA doing?

1. A repository for social science data at the Vienna University Library
2. A national infrastructure/consortium of Austrian universities
3. Archiving and publishing data for reuse – making data FAIR
 - a. Data acquisition (as a service for researchers, i.e. bigger survey infrastructures such as the Microcensus, Social Survey Austria, etc.)
 - b. Data curation (increasing (meta)data quality; checking data protection, etc.)
 - c. Data preservation (creating different long term formats for interoperability and sustainability)
 - d. Data access (automated and standardized access procedures)



AUSSDAs institutional setting

1. Where to place a discipline specific repository at the university?
 - a. Initial discussion: Faculty of Social Sciences or University Library
 - b. Why at the library?
 - i. The library as a central unit – connected beyond its unit (IT Service, Research Support Unit; Rectorate, etc.)
 - ii. The library as a service unit – service oriented approach
 - iii. The library as point of knowledge for information/data preservation (Metadata, catalogues, findability, etc.)
 - iv. The library as point of knowledge for Open Science and RDM (and access point for international networks such as EOSC, OpenAIRE)



AUSSDA in EOSC

Federation of services through CESSDA: AUSSDAs metadata catalogue is harvested by the European catalogue of social science data archives (CESSDA Data Catalogue)

AUSSDA in EOSC - example

Search for resources in EOSC...

The screenshot shows the EOSC marketplace search results for 'Social Science'. The search bar contains 'Social Science' and 'All resour...'. The results list includes 'Looking for: Social Science' with 99 results. Below this, there are suggested results for 'Digital Humanities and Cultural Herit...', 'DataFurn - Furniture Enterprise Analy...', and 'SeaDataNet DOI minting service'. The left sidebar shows 'All Resources' and 'CATEGORIES' with various scientific domains listed. The bottom of the page shows the URL <https://marketplace.eosc-portal.eu/services>.

Find and access the European catalogue for social science data...

The screenshot shows the CESSDA Data Catalogue website. The search bar contains 'CESSDA Data Catalogue'. The main content area displays the 'CESSDA Data Catalogue' with a description: 'The CESSDA Data Catalogue is a one-stop-shop for search and discovery of social science and humanities research data.' It also shows the organization 'Consortium of European Social Science Data Archives ERIC' and a rating of 0.0/5. A blue button labeled 'Access the resource' is highlighted with a red arrow. The bottom of the page shows the URL <https://datacatalogue.cessda.eu/>.

The CESSDA Data Catalogue contains the metadata of all data in the holdings of CESSDA service providers. It is a one-stop-shop for search and discovery, enabling effective access to European research data for researchers. Details of over 30,000 data collections are listed. These are harvested from fifteen different CESSDA Service Providers.

<https://datacatalogue.cessda.eu/>

SCIENTIFIC CATEGORISATION



AUSSDA in EOSC

Search the CESSDA Data Catalogue...

The screenshot shows the CESSDA Data Catalogue search results for the query "Covid Austria". The page header includes the CESSDA logo and the text "Consortium of European Social Science Data Archives". The search bar contains "Covid Austria" and the language is set to "English". Below the search bar, there are buttons for "Reset filters" and "Clear search", and a notification that "52 studies found in English from a total of 40704". There are also links for "User Guide" and "About".

On the left side, there are filter categories: Topic, Collection years, Country, and Publisher, each with a question mark icon. The main content area shows search results. The first result is "Spread of COVID-19 in Austria. PCR-tests in a representative sample (SUF edition)" by SORA Institute for Social Research and Consulting. The description states: "Full edition for scientific use. The main objective of this study was to give an estimate of the spread of COVID-19 ('Corona Virus') among non-hospitalized people living in Austria. This study is the first in continental Europe based upon nationwide PCR-testing in a representative random sample. PCR samples were collected in the period of April 1 to April 6, 2020. Between April 6 and April 10, the tested persons were contacted again by telephone to collect further information, e.g. on their s...". Below the description are links for "Read more" and "Study description available in: EN", and an "Access data" link with a red arrow pointing to it.

The second result is "COVID-19 Prevalence November 2020 (SUF edition)" by Paškvan, Matea (Statistik Austria); Kowarik, Alexander (Statistik Austria); Schrittwieser, Karin (Statistik Austria); (10 more). The description states: "Full edition for scientific use. The main purpose of the study was to identify the number of people actually infected with coronavirus in Austria, as well as the number of people who have formed antibodies against SARS-CoV-2 and thus have been infected and further to report how people are feeling during this crisis. A representative random sample of 7.823 people was drawn based on the population register of Austria (people living in Austria, excluding those currently in hospital and those aged...". Below the description are links for "Read more" and "Study description available in: EN", and an "Access data" link.

...find AUSSDA data in EOSC!

<https://data.aussda.at/>

AUSSDA AUSTRIAN SOCIAL SCIENCE DATA ARCHIVE

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COVID-19 Pandemic (AUSSDA - The Austrian Social Science Data Archive)

AUSSDA > COVID-19 Pandemic >

Spread of COVID-19 in Austria. PCR-tests in a representative sample (SUF edition)

Version 2.0

SORA Institute for Social Research and Consulting, 2020, "Spread of COVID-19 in Austria. PCR-tests in a representative sample (SUF edition)", <https://doi.org/10.11587/X2MHW>, AUSSDA, V2, UNF:6.C2yOdfvGy+jqVa1CNoe88g== [fileUNF]

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Description ⓘ Full edition for scientific use. The main objective of this study was to give an estimate of the spread of COVID-19 ("Corona Virus") among non-hospitalized people living in Austria. This study is the first in continental Europe based upon nationwide PCR-testing in a representative random sample. PCR samples were collected in the period of April 1 to April 6, 2020. Between April 6 and April 10, the tested persons were contacted again by telephone to collect further information, e.g. on their state of health and mobility patterns.

Subject ⓘ Social Sciences

Keyword ⓘ Epidemiology, Health status, Social life, Personal contact, COVID-19

Files Metadata Terms Versions

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