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Build an Open Research Gateway for your
community

Open Science practices

As soon as possible, as open as possible, as closed as necessary

Publish Open Access

FAIR data

Publish all types of research products

Use open repositories

Link your research products

Re-use existing data and software

Data management plans

Follow community best practices

Reproducible research

Transparent evaluation

Omni-comprehensive scientific reward

Maximize innovation potential

Open to society

Responsible Research

On-demand Open Research Gateways for research communities

- It **lowers** the barriers that hinder the adoption of **Open Science publishing practices** in the research community
 - Discovery in the literature and data deluge
 - Dispersion of research products
 - Lack of community awareness
 - Lack of Open Science publishing services and tools
- A "community view" of the OpenAIRE Research Graph
 - Available via a web portal, API and dumps published on Zenodo
- An Open Science Toolkit: entry point to tools for the implementation of Open Science publishing practices

Scientists of a research community can explore all research products and entities relative to their community in one place

Discovery Gateway

Bridging of RIs and OS publishing

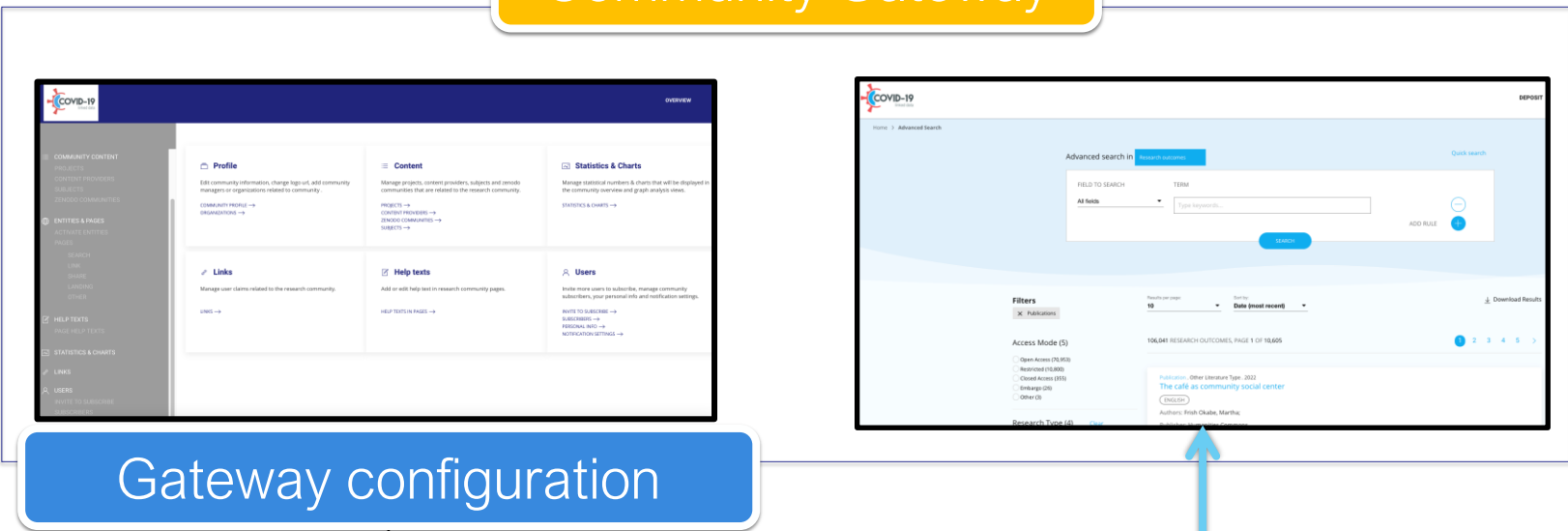
Community Customization

Statistics and tracking

An Open Science Toolkit



Community Gateway



Identify research products of the community



January 14, 2021 Dataset Open Access

OpenAIRE Covid-19 publications, datasets, software and projects metadata.

Bardi, Alessia; Kuchma, Iryna; Pavone, Gina; Artini, Michele; Atzori, Claudio; Bäcker, Amelie; Baglioni, Miriam; Czerniak, Andreas; De Bonis, Michele; Dimitropoulos, Harry; Fofoulas, Ioannis; Horst, Marek; Iatropoulou, Katerina; Jacewicz, Przemyslaw; Kokogiannaki, Argiro; La Bruzzo, Sandro; Lazzeri, Emma; Löhden, Aenne; Manghi, Paolo; Mannocci, Andrea; Manola, Natalia; Ottonello, Enrico; Schirrwagen, Jochen

Data curator(s)
Bobrov, Evgeny; Truccolo, Ivana; Monteiro, Elizabete; Casalegno, Carlotta; Clary, Erin; Romanowski, Andrew

This dump provides access to the metadata records of publications, research data, software and projects that may be relevant to the Corona Virus Disease (COVID-19) fight. The dump contains records of the OpenAIRE COVID-19 Gateway (<https://covid-19.openscience.eu/>), identifier Graph (<https://explore.openscience.eu/>), links between publications, datasets, sources world-wide, among which the Organization), BIPi Finder for COVID-19. The dump consists of a tar archive available at <https://doi.org/10.5281/zenodo.3980490>

6,688	573
views	downloads

<https://doi.org/10.5281/zenodo.3980490>

January 14, 2021 Dataset Open Access

OpenAIRE Research Graph: Dumps for research communities and initiatives.

Manghi, Paolo; Atzori, Claudio; Bardi, Alessia; Baglioni, Miriam; Schirrwagen, Jochen; Dimitropoulos, Harry; La Bruzzo, Sandro; Fofoulas, Ioannis; Löhden, Aenne; Bäcker, Amelie; Mannocci, Andrea; Horst, Marek; Czerniak, Andreas; Kiatropoulou, Katerina; Kokogiannaki, Argiro; Antonis, Ioannidis; Alexandros, Summan, Friedrich

This dataset contains dumps of the OpenAIRE Research communities and initiatives collaborating with OpenAIRE line. Each json is compliant to the schema available at C

352	172
views	downloads

<https://doi.org/10.5281/zenodo.4439644>



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Research community managers can fine-tune the criteria to include products of the OpenAIRE Research Graph in the Community Gateway

Community Gateway configuration: identifying products among those in the OpenAIRE Research Graph



Gateway curators

Keywords

Discipline-specific subject terms to be found in the metadata

Projects

From the 22 funders integrated in OpenAIRE

Data sources

E.g. thematic repositories, archives and journals

Zenodo communities

With research products relevant for the field

Organizations

Organizations in the field: we look for them in the affiliations



Researchers

Link

Link products in OpenAIRE, Crossref, Datacite, ORCID to the community, also in bulk

Propagation

If a community result is supplemented by another research product, then the latter is also added in the community gateway

Full-text mining

Links to projects
Affiliations
Document classification
...



OpenAIRE algorithms

Scientists of a research community can explore all research products and entities relative to their community in one place

Discovery Gateway

Support services of research infrastructures (RIs) at depositing research products in Zenodo and make them available via the community gateway.

Bridging of RIs and OS publishing

Provide up-to-date information to RI repositories



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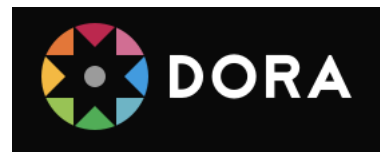
Reporting to funders, development of Open Science scientific reward strategies, tracking uptake of Open Science practices

An Open Science Toolkit

Takeaway

- OpenAIRE CONNECT delivers **configurable Open Research Gateways** for research communities
- It **lowers** the barriers that hinder the adoption of **Open Science publishing practices** in the research community
- It is the service by which OpenAIRE supports **community building, strengthening and empowering**

connect.openaire.eu



UNESCO Recommendation
on Open Science



STI



Build a Gateway for your Community.

Turn Open Science into Practice.
It takes your open and linked research outcomes.
A service customized to your needs.

LEARN HOW

<https://connect.openaire.eu>



Transport Research

Creation Date: 14-10-2019

Welcome to the Open Research Gateway for Transport Research. This gateway is part of the TOPOS Observatory (<https://www.topos-observatory.eu>). The ...



Agricultural and Food Sciences

Creation Date: 01-03-2018

The scope of this community is to provide access to publications, research data, projects and software that are related to agricultural and food sc...



Assessing the socio-economic impact of digitalisation in rural areas

Creation Date: 15-07-2020

The scope of this community is to provide access to publications, research data, projects and software for assessing the socio-economic impact of d...



European Marine Science

Creation Date: 01-03-2018

This community was initially defined to include a very broad range of topics, with the intention to generate a number of more focused and sustainab...



Fisheries and Aquaculture Management

Creation Date: 01-03-2018

Conservation of marine resources for sustainable development. The Fisheries and Aquaculture community focus on resources (document, data, codes..) ...



Neuroinformatics

Creation Date: 01-03-2018

The neuroinformatics dashboard gathers research outputs from the 'neuroinformatics' community at large including the fields of: neuroscience, neuro...



Sustainable Development Solutions Network - Greece

Creation Date: 01-03-2018

The UN Sustainable Development Solutions Network (SDSN) has been operating since 2012 under the auspices of the UN Secretary-General. SDSN mobilize...

LIVE DEMO



Corona Virus Disease

Creation Date: 16-03-2020

This portal provides access to publications, research data, projects and software that may be relevant to the Corona Virus Disease (COVID-19). The ...



Digital Humanities and Cultural Heritage

Creation Date: 01-03-2018

This community gathers research results, data, scientific publications and projects related to the domain of Digital Humanities. This broad definit...



DARIAH EU

Creation Date: 01-03-2018

The Digital Research Infrastructure for the Arts and Humanities (DARIAH) aims to enhance and support digitally-enabled research and teaching across...



The Greek National Node of the ESFRI European RI ELIXIR

Creation Date: 01-03-2018

ELIXIR-GR enhances the potential of the Greek bioinformatics community to offer open, easily accessible and state -of- the- art services to the Gre...

Our efforts

Open Science, as an underlying factor has been proved as the only and essential way forward to share immediately the results for all.

OpenAIRE, in collaboration with the EC, will provide services to help in the sharing, discovery, navigation and collaboration of the global research community.

Zenodo COVID-19 Community

Together with CERN we have created a specific Community to collect all research results that could be relevant for the scientific community worldwide working on the Coronavirus Disease (COVID-19) and SARS-CoV-2.

This community is currently curated by the OpenAIRE team.

[READ MORE →](#)

OpenAIRE COVID-19 Gateway

OpenAIRE currently develops a service to serve as a single point of entry for research results (publications-data-software) and other useful resources for the Coronavirus Disease (COVID-19) and SARS-CoV-2. It will be linked to Zenodo COVID-19 community as well as many other EU and global initiatives and will address different scientific domains.

The COVID-19 Gateway is now live

[READ MORE →](#)

RDA COVID-19 Fast track Working Group

This Working Group will define detailed guidelines on data sharing and re-use under the present COVID-19 circumstances to help researchers follow best practices to maximize the efficiency of their work. The guidelines will focus on the management of data originating from different data sources and the development of a system for data sharing in public health emergencies that supports scientific research.

OpenAIRE contributes by helping to deliver guidelines for data sharing

[READ MORE →](#)



Support fast publishing of **new** research (all types of research products: software, data, publications, etc)



Support **discovery** of existing research (e.g. research products, activities, projects)



Support **data management**: fast should not mean bad!



Useful links

- Everything about OpenAIRE for COVID-19:
<https://www.openaire.eu/openaire-activities-for-covid-19>
- The COVID-19 Zenodo community:
<https://zenodo.org/communities/covid-19>
- Everything about the OpenAIRE Research Graph
<https://graph.openaire.eu>

LET'S DEMO!

The OpenAIRE COVID-19 Gateway:
<https://covid-19.openaire.eu>



@openaire_eu
#OpenAIRE-Nexus

THANK YOU

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