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Build an Open Research Gateway for your
community

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

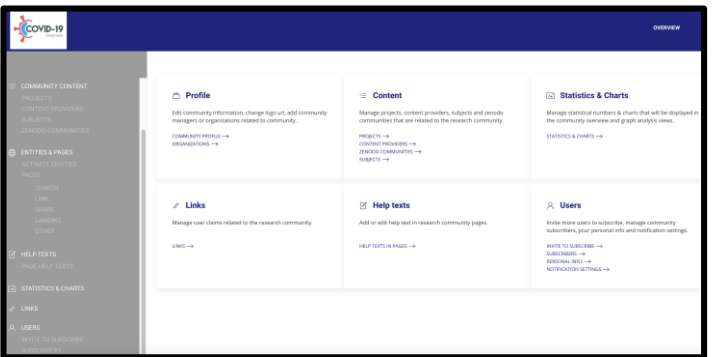
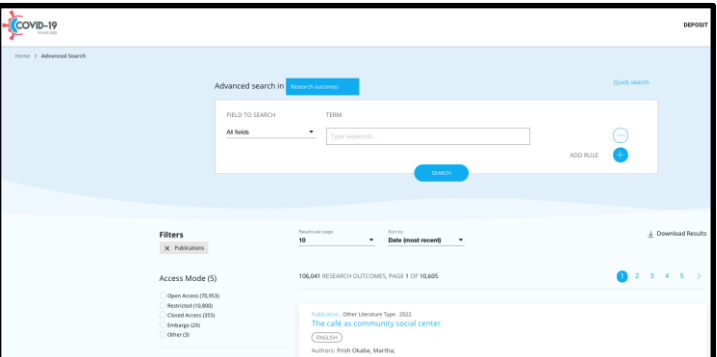
Community Customization

Statistics and tracking


An Open Science Toolkit



Community Gateway


Identify research products of the community

zenodo Search Upload Communities

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

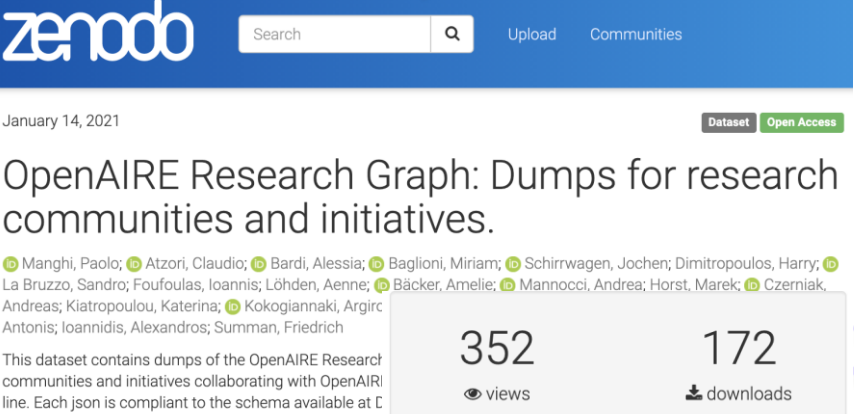
Data curator(s)
Bobrov, Evgeny; Truccolo, Ivana; Monteiro, Elizabete; Casalegno, Carlotta; Clary, Erin; Romanowski, Andrew

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 views 573 downloads

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



zenodo Search Upload Communities

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 views 172 downloads

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



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

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

Community Customization

Statistics and tracking

An Open Science Toolkit

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Bridging of RIs and OS publishing

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Community Customization

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

Statistics and tracking

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

An Open Science Toolkit



Takeaway

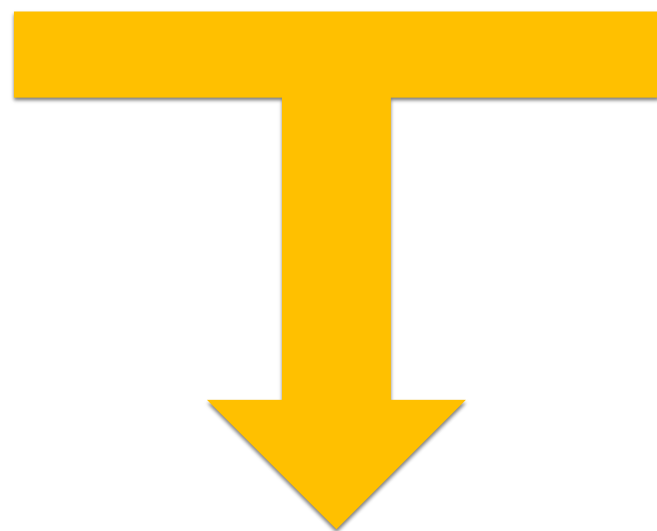
- OpenAIRE CONNECT delivers **configurable Open Research Gateways** for research communities
- It **lowers** the barriers that hinder the adoption of **Open Science publishing practices** in the research community
- It is the service by which OpenAIRE supports **community building, strengthening and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

connect.openaire.eu



STI

WIP



Collaboration for the GOTRIPLE discovery platform
(presented by Arnaud Gingold)



@openaire_eu
#OpenAIRE-Nexus

THANK YOU

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