

Cyprus National Open Access Desk
University of Cyprus Library

Supporting the H2020 OA Mandate

The role of Repositories





H2020 Open Access policies:

OA publications mandate,
Open Research Data Pilot.

CHALLENGE

Wider access to scientific facts and knowledge helps researchers, innovators and the public find and re-use data, and check research results:

offers better value for EU research funds



a public benefit

encourages research across scientific fields



essential for solving today's complex societal challenges

SOLUTION

Horizon 2020 already mandates open access to **all scientific publications**



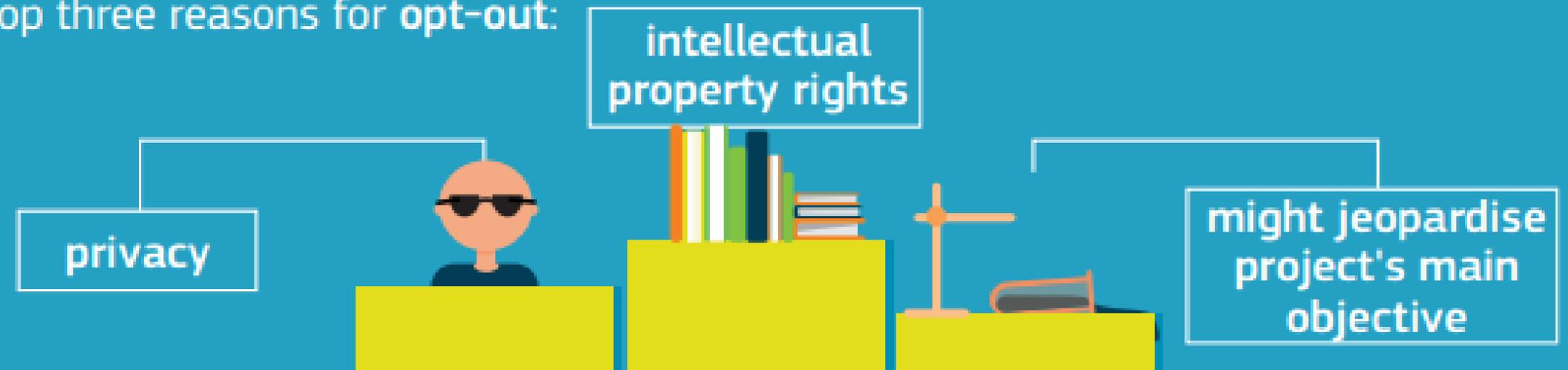
From 2017, **research data is open by default**, with possibilities to **opt out**

AS OPEN AS POSSIBLE, AS CLOSED AS NECESSARY

Grantees have the right to **opt-out**, but need to say **why**



Top three reasons for opt-out:



The approach has been tested during a Horizon 2020 pilot action

2015

of 431 signed projects



opted to share data

from 2017

the current

Open Research Data Pilot
expands to cover all areas of
Horizon 2020,
with the same rules

OPT-OUT possible:

- during the application phase
- during the grant agreement preparation
- (GAP) after the signature of the grant agreement.

HORIZON 2020 GRANTEES ARE REQUIRED

take measures to ensure open access to the data underlying their scientific publications



provide open access to any other research data of their choice



Horizon 2020 grantees are encouraged to also share datasets beyond publication



PROJECTS MUST HAVE

**DATA
MANAGEMENT
PLAN
(DMP)**

Provides information on:



the data the research will generate



how to ensure its curation, preservation and sustainability



what parts of that data will be open (and how)

Data management costs are fully eligible for funding



No repository imposed: deposit data where you want

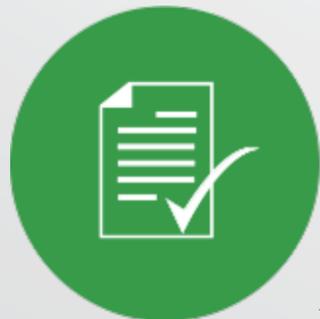


RESEARCH DATA - OPEN BY DEFAULT





**RESEARCHER
DECIDES WHERE TO
PUBLISH**



**Check publishers
policies on
www.sherpa.ac.uk/romeo**



Open Access Journals
doaj.org



Subscription-based journal



**Check for Article
Processing Charges**



Self-archive in a repository
Find at: openaire.eu



**IMMEDIATE
OPEN ACCESS**



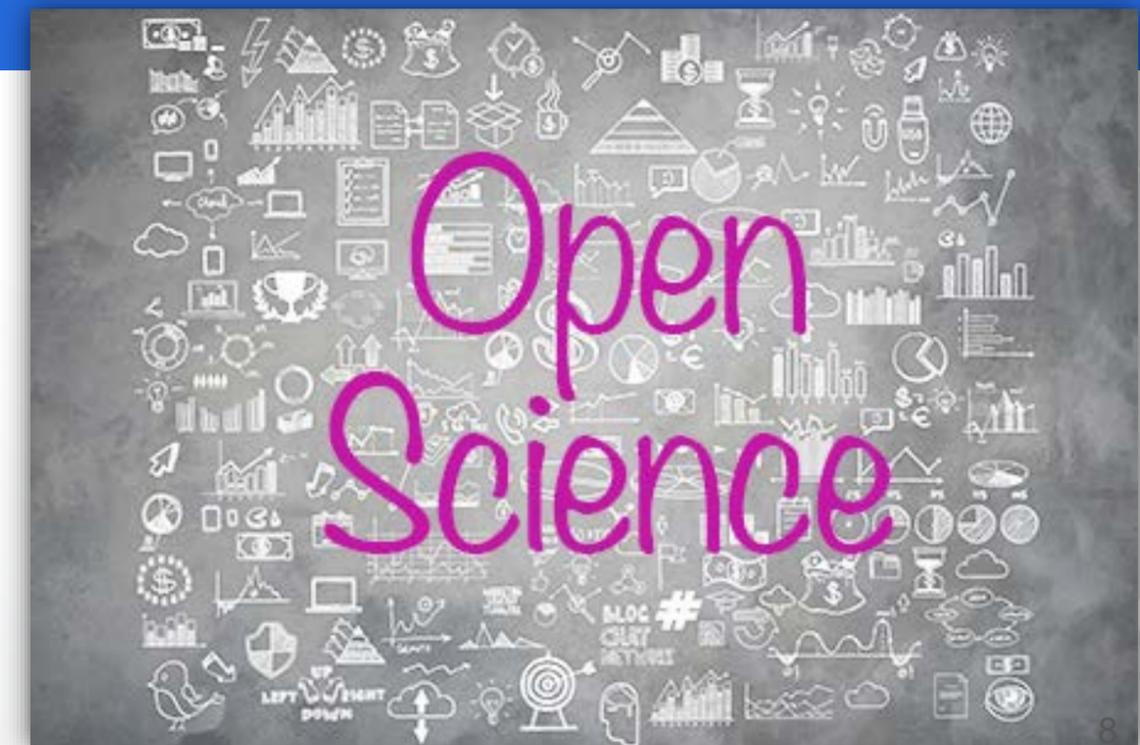
**IMMEDIATE OR DELAYED
OPEN ACCESS**

H2020 Open Access Mandate

RESEARCHERS

Why Open Access. How to comply. What services to use.

SHARE, DEPOSIT AND PUBLISH IN OA





Depositing

1 INSTITUTIONAL REPOSITORY

of the research institution with which they are affiliated

2 SUBJECT/THEMATIC REPOSITORY

3 ZENODO REPOSITORY

Centralised option set up by the OpenAIRE project and CERN

OPENAIRE USES

OpenDOAR

re3data.org
REGISTRY OF RESEARCH DATA REPOSITORIES

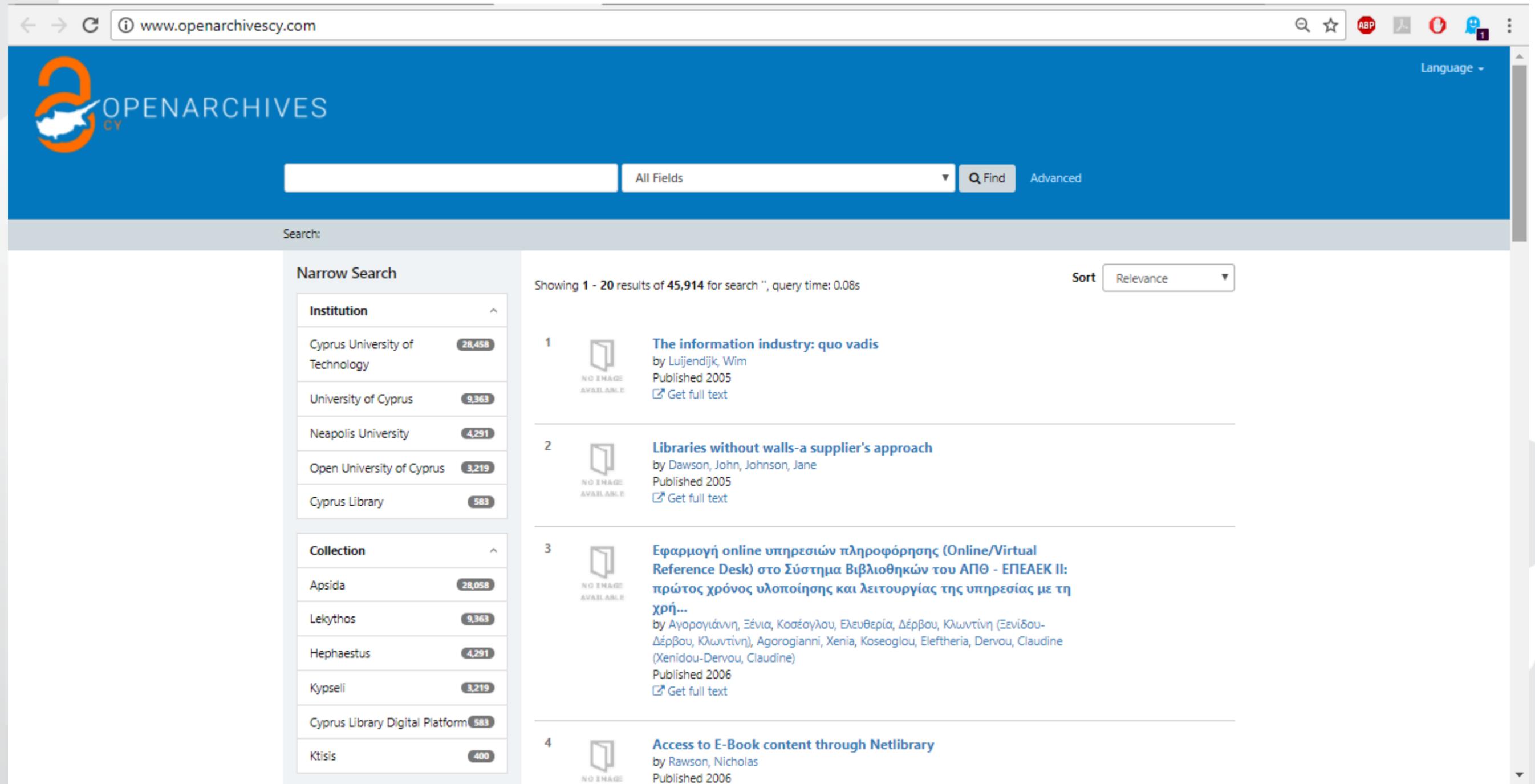
as authoritative repository registries

Through OpenAIRE they can be directed to: Publication repositories (OpenDOAR), Research Data repositories (RE3DATA). If no repository is available: Zenodo at CERN (sponsored by OpenAIRE). OpenAIRE harvests directly from a number of OpenAIRE compliant OA publishers and journal aggregators.



1 CYPRUS REPOSITORY OVERVIEW

Harvester's info



www.openarchivescy.com

OPENARCHIVES CY

Language ▾

Search: All Fields Advanced

Search:

Narrow Search

Institution	Count
Cyprus University of Technology	28,458
University of Cyprus	9,363
Neapolis University	4,291
Open University of Cyprus	3,219
Cyprus Library	583

Collection	Count
Apsida	28,058
Lekythos	9,363
Hephaestus	4,291
Kypseli	3,219
Cyprus Library Digital Platform	583
Ktisis	400

Showing 1 - 20 results of 45,914 for search "", query time: 0.08s

Sort: Relevance ▾

- 

The information industry: quo vadis
by Luijendijk, Wim
Published 2005
[Get full text](#)
- 

Libraries without walls-a supplier's approach
by Dawson, John, Johnson, Jane
Published 2005
[Get full text](#)
- 

Εφαρμογή online υπηρεσιών πληροφόρησης (Online/Virtual Reference Desk) στο Σύστημα Βιβλιοθηκών του ΑΠΘ - ΕΠΕΑΕΚ II: πρώτος χρόνος υλοποίησης και λειτουργίας της υπηρεσίας με τη χρή...
by Αγορογιάννη, Ξένια, Κοσέογλου, Ελευθερία, Δέρβου, Κλωντίνη (Ξενίδου-Δέρβου, Κλωντίνη), Αγορογιάννη, Xenia, Koseoglou, Eleftheria, Dervou, Claudine (Xenidou-Dervou, Claudine)
Published 2006
[Get full text](#)
- 

Access to E-Book content through Netlibrary
by Rawson, Nicholas
Published 2006



OS – OpenAIRE Compatibility

Currently there are 3 (+) Open Access Institutional Repositories compatible to OpenAIRE in which researchers can submit their research output in Cyprus:

∅ The repository LEKYTHOS, University of Cyprus (GNOSIS to be announced)

The University of Cyprus Library as the regional NOAD of Cyprus offers Lekythos (academic – institutional repository of University of Cyprus) to all the local researchers that would like to deposit their publications that derived from projects funded under the several scientific Areas. It also hosts doctoral and master thesis, conference proceedings and digital cultural items.

∅ The repository KTISIS, Cyprus University of Technology

Ktisis is the Institutional Repository of the Cyprus University of Technology-Library. Ktisis is an open source institutional repository gathering any digital material relating to the various activities of the Cyprus University of Technology especially original research material produced by the members of the University.

∅ The repository KYPSELI, Open University Cyprus

Kypseli, is the institutional repository of the Open University of Cyprus which host publications, thesis and digital cultural material.

Guidelines for Repository managers



Secure | <https://guidelines.openaire.eu/en/latest/>

OpenAIRE Guidelines 3.0

Search docs

CURRENT GUIDELINES

- OpenAIRE Guidelines for Literature Repositories
- OpenAIRE Guidelines for Data Archives
- OpenAIRE Guidelines for CRIS Managers based on CERIF-XML

NEW GUIDELINES DRAFTS

- Draft OpenAIRE Guidelines for Literature Repository Managers v4
- Draft OpenAIRE Guidelines for Software Repository Managers
- Draft OpenAIRE Guidelines for CRIS Managers v1.1

HOW TO CONTRIBUTE

- Contributing

APPENDIX

- How the Horizon 2020 Open Access requirements are met

Docs » OpenAIRE Guidelines [View page source](#)

OpenAIRE Guidelines

Welcome to the OpenAIRE Guidelines. The intention of this is to provide a public space to share OpenAIREs work on interoperability and to engage with the community. The OpenAIRE Guidelines helps repository managers expose publications, datasets and CRIS metadata via the OAI-PMH protocol in order to integrate with OpenAIRE infrastructure.



OpenAIRE Guidelines have been released for publication repositories, data archives and CRIS systems respectively:

Current Guidelines

- [OpenAIRE Guidelines for Literature Repositories](#)
- [OpenAIRE Guidelines for Data Archives](#)
- [OpenAIRE Guidelines for CRIS Managers based on CERIF-XML](#)

The guidelines specifically provide guidance on how to specify:

- Access right
- Funding information
- Related publication and datasets.

Secure | https://guidelines.openaire.eu/en/latest/md_requirements_h2020_oa_guidelines.html

OpenAIRE Guidelines 3.0

Search docs

CURRENT GUIDELINES

- OpenAIRE Guidelines for Literature Repositories
- OpenAIRE Guidelines for Data Archives
- OpenAIRE Guidelines for CRIS Managers based on CERIF-XML

GUIDELINES DRAFTS

- Draft OpenAIRE Guidelines for Literature Repository Managers v4
- Draft OpenAIRE Guidelines for Software Repository Managers
- Draft OpenAIRE Guidelines for CRIS Managers v1.1

HOW TO CONTRIBUTE

- Contributing

APPENDIX

- How the Horizon 2020 Open Access requirements are met
- Property 'EU funding

Docs » How the Horizon 2020 Open Access requirements are met [View page source](#)

How the Horizon 2020 Open Access requirements are met

The European Commission has published [Guidelines on Open Access to Scientific Publications and Research Data](#) (version 1.0, 11-Dec-2013).

In addition to basic bibliographic information about deposited publications extra information is expected in the following fields:

Property 'EU funding acknowledgement'

DC Field

`dc:contributor`

Usage Instruction

Values for this field must include one of the following applicable terms:

- `["European Union (EU)" and "Horizon 2020"]`
- `["Euratom" and "Euratom research and training programme 2014-2018"]`

2. SUBJECT/THEMATIC REPOSITORIES

The Directory of Open Access Repositories - *OpenDOAR*

www.opendoar.org

openaccess.gr/blog Ελληνική Αρχαιακή Ε Making Data Count Data protection UCY Portal - Home

OpenDOAR

Directory of Open Access Repositories

Home | Find | Suggest | Tools | FAQ | About | Contact Us

Please note that this version of the OpenDOAR service, including its API, will be switched off at the end of May 2018. The new version is available as a public beta at v2.opendoar.sherpa.ac.uk. Please also refer to [our new API documentation](#).

The Directory of Open Access Repositories - *OpenDOAR*

[Search for repositories](#) | [List of repositories](#) | [Repository Statistics](#)

OpenDOAR is an authoritative directory of academic open access repositories. Each *OpenDOAR* repository has been visited by project staff to check the information that is recorded here. This in-depth approach does not rely on automated analysis and gives a [quality-controlled](#) list of repositories.

We provide tools and support to both repository administrators and service providers in sharing best practice and improving the quality of the repository infrastructure. Further explanation of these features is given in a project document [Beyond the list](#).

The current directory lists repositories and allows breakdown and selection by a variety of criteria - see the [Find](#) page - which can also be viewed as [statistical charts](#). The underlying database has been designed from the ground up to include in-depth information on each repository that can be used for search, analysis, or underpinning services like text-mining. The *OpenDOAR* service is being developed incrementally, developing the current service as new features are introduced. A list of [Upgrades and Additions](#) is available.

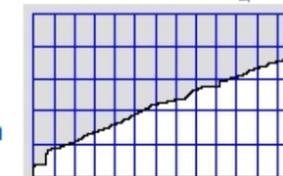
Developments will be of use both to users wishing to find original research papers and for service providers like search engines or alert services which need easy-to-use tools for developing tailored search services to suit specific user communities.

OpenDOAR is one of the SHERPA Services including [RoMEO](#) and [JULIET](#), run by the [Centre for Research Communications](#) (CRC). Current development work is [currently funded](#) by [JISC](#), with contributions from the CRC host organisation, the [University of Nottingham](#).

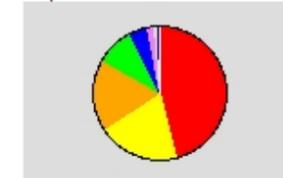
OpenDOAR has also been identified as a key resource for the Open Access community ([K.B.Oliver & R.Swain, 2006 - PDF](#)) and identified as [the leader in repository directories](#) in a study by [Johns Hopkins University](#). *OpenDOAR* was one of the services which contributed to [SHERPA](#) being awarded the [2007 SPARC Europe Award for Outstanding Achievements in Scholarly Communications](#).

More information on the project is available on this site through the [About](#) page.

OpenDOAR has over 2600 listings!



Growth of the OpenDOAR Database

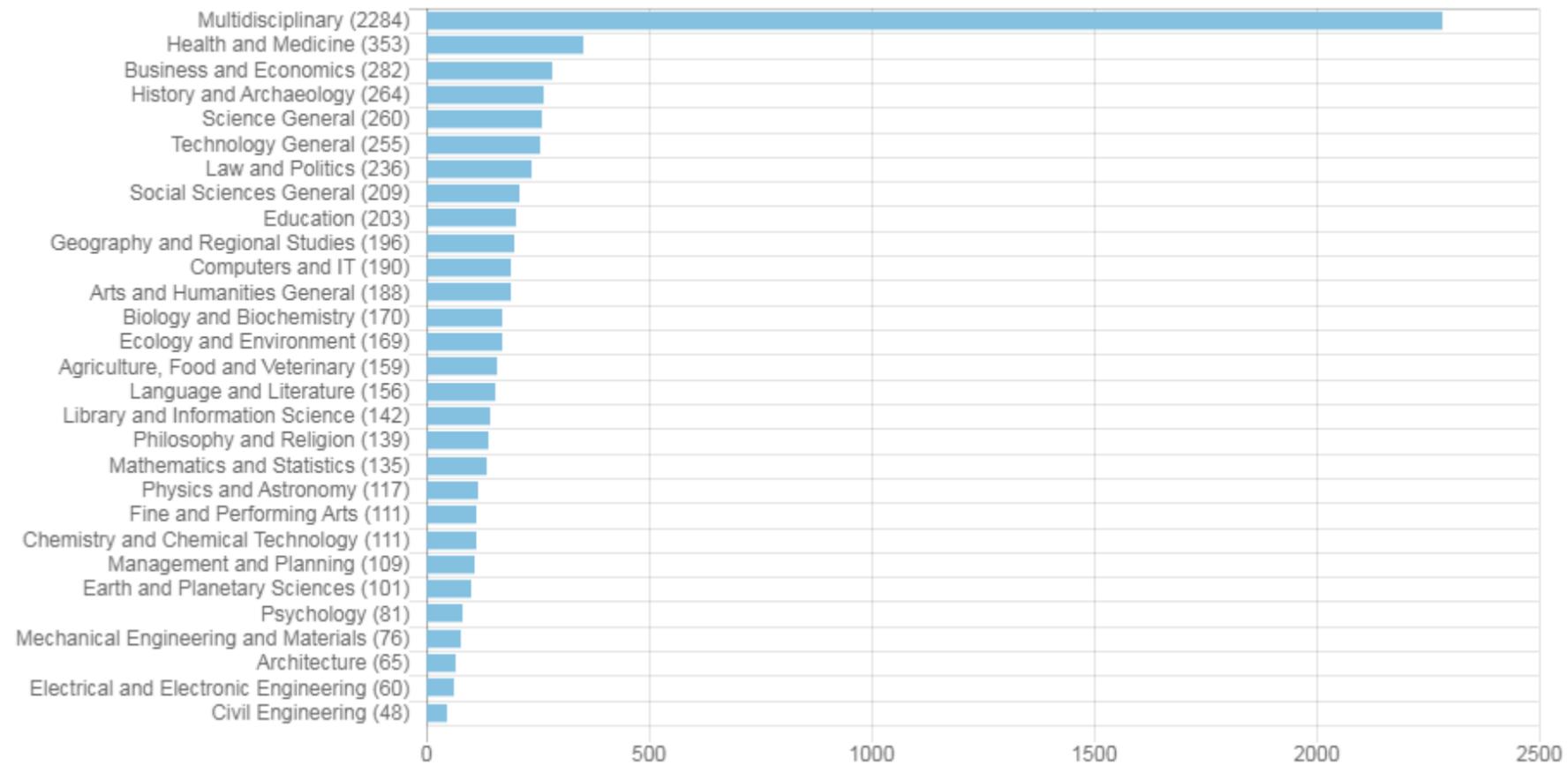


Repositories by Continent

Jisc

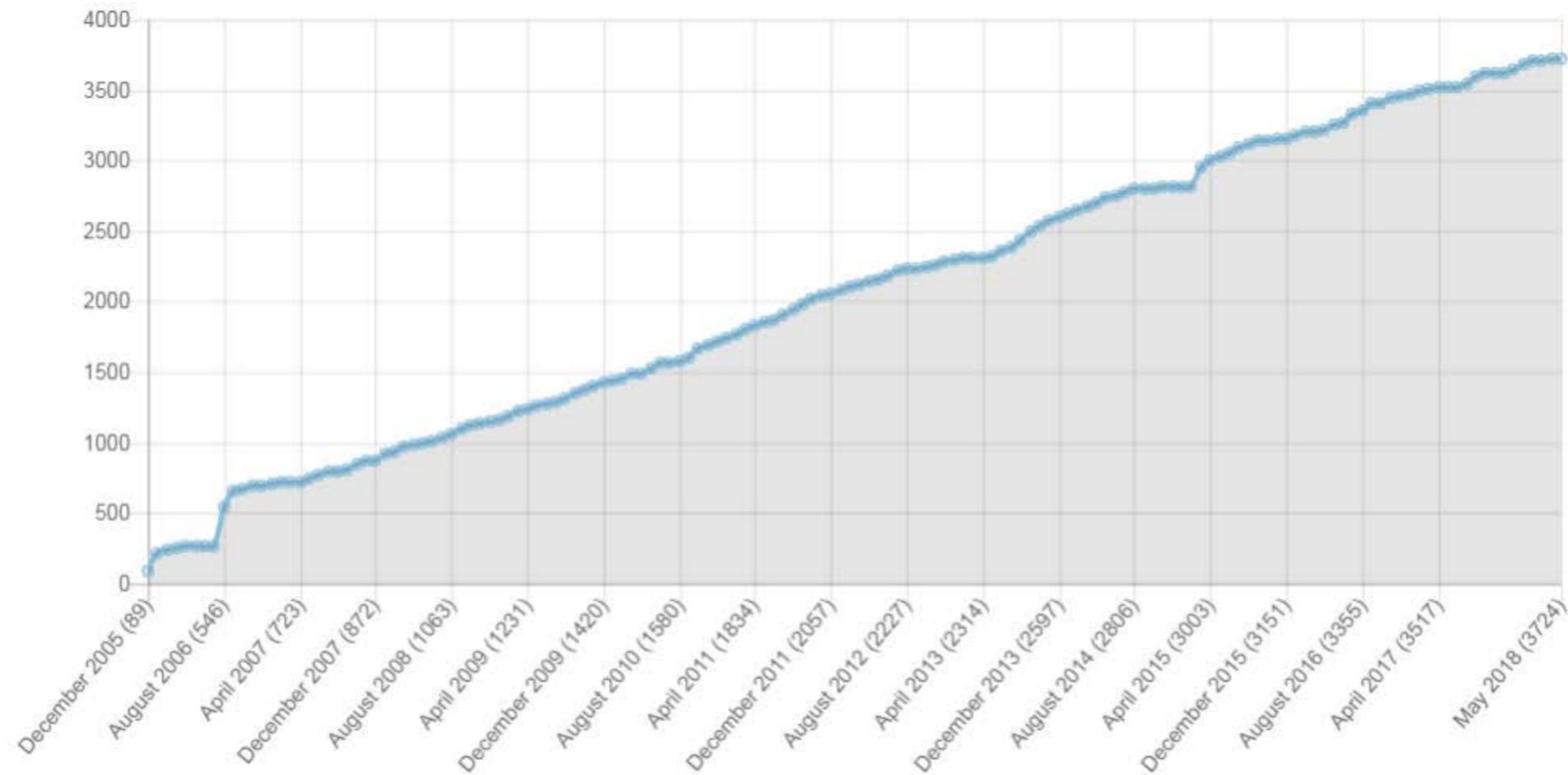
Disciplines - *OpenDOAR*

Subject of Content



Growth of OpenDOAR

Growth of OpenDOAR



3. ZENODO REPOSITORY



Zenodo (OpenAIRE/CERN repository)

(All) Research.
Shared.

— your one stop research shop!

All research outputs from across all fields of science are welcome! Zenodo accept any file format as well as both positive and negative results. However, we do promote peer-reviewed openly accessible research, and we curate your upload before putting it on the front-

Citeable.
Discoverable.

— be found!

Zenodo assigns all publicly available uploads a Digital



Community
Collections

— create your own repository

Zenodo allows you to create your own collection and accept or reject all uploads to it. Creating a space for your next workshop or project have never been easier. Plus, everything is citeable and discoverable.

Safe

— more than just a drop box!

Your research output is stored safely for the future in same cloud infrastructure as research data from CERN's Large Hadron Collider using a CERN's battle-tested repository software INVENIO used by some of the world's largest repositories such as INSPIRE HEP and CERN Document Server.

Reporting

— tell your funding agency!

Zenodo is integrated into reporting lines for research funded by the European Commission via OpenAIRE. Just upload your research on Zenodo and we will take care of the reporting for you. We plan to extend with further funding agencies in the future so stay tuned!

Flexible
Licensing

— not everything is under Creative Commons

Zenodo encourage you to share your research as openly as possible to maximize use and re-use of your research results. However, we also acknowledge that one size does not fit all, and therefore allow for uploading under a multitude of different licenses and access levels*.

* You are responsible for respecting applicable copyright and license conditions for the files you upload.



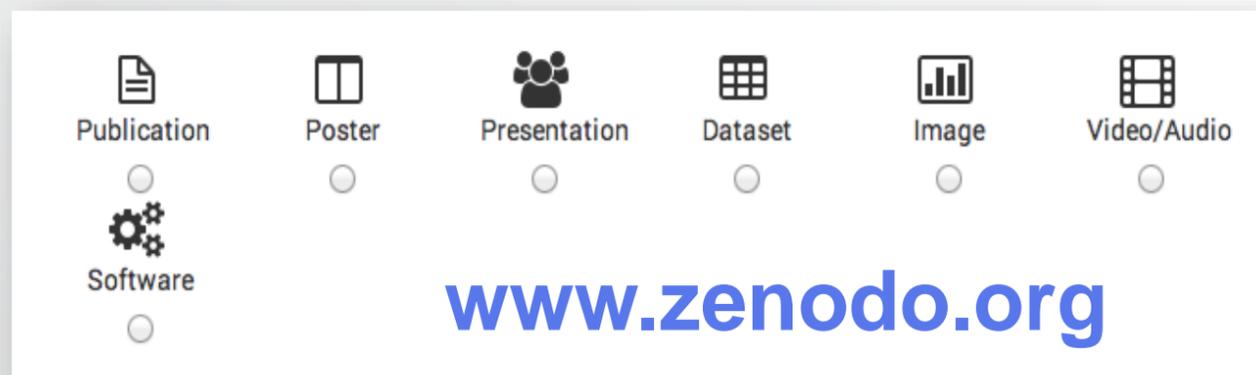
www.zenodo.org



Zenodo Repository

“Catch-all” repository: OpenAIRE-CERN joint effort

- **Multiple data types**
 - Publications
 - Long tail of research data
- **Citable data (DOI)**
- **Links to funding, pubs, data, software**



- API** INTEGRATE YOUR APP VIA PROGRAMMABLE API.
- COMMUNITIES** YOUR DIGITAL REPOSITORY ON ZENODO.
- € FUNDING** INTEGRATE INTO REPORTING FOR RESEARCH FUNDED BY EUROPEAN COMMISSION.
- FLEXIBLE LICENSING** NOT EVERYTHING IS UNDER CREATIVE COMMONS.

H2020: Option to gather, preserve and share project's scientific output

Cyprus

Recent uploads

Search Cyprus



July 13, 2017 (v1) Journal article Open Access

View

Backscatter communications for wireless powered sensor networks with collision resolution

Psomas, Constantinos; Krikidis, Ioannis;

Wireless powered backscatter communications is an attractive technology for next-generation low-powered sensor networks such as the Internet of Things. However, backscattering suffers from collisions due to multiple simultaneous transmissions and a dyadic backscatter channel, which greatly attenuate

Uploaded on March 21, 2018

November 4, 2016 (v1) Journal article Open Access

View

Impact of directionality on interference mitigation in full-duplex cellular networks

Psomas, Constantinos; Mohammadi, Mohammadali; Krikidis, Ioannis; Suraweera, Himal A.;

In this paper, we consider two fundamental full-duplex (FD) architectures, two-node and three-node, in the context of cellular networks where the terminals employ directional antennas. The simultaneous transmission and reception of data in non-orthogonal channels makes FD radio a potential solution

Uploaded on March 21, 2018

October 23, 2017 (v1) Journal article Open Access

View

A wireless powered feedback protocol for opportunistic beamforming using rectenna arrays

Psomas, Constantinos; Krikidis, Ioannis;

New upload

Want your upload to appear in this community?

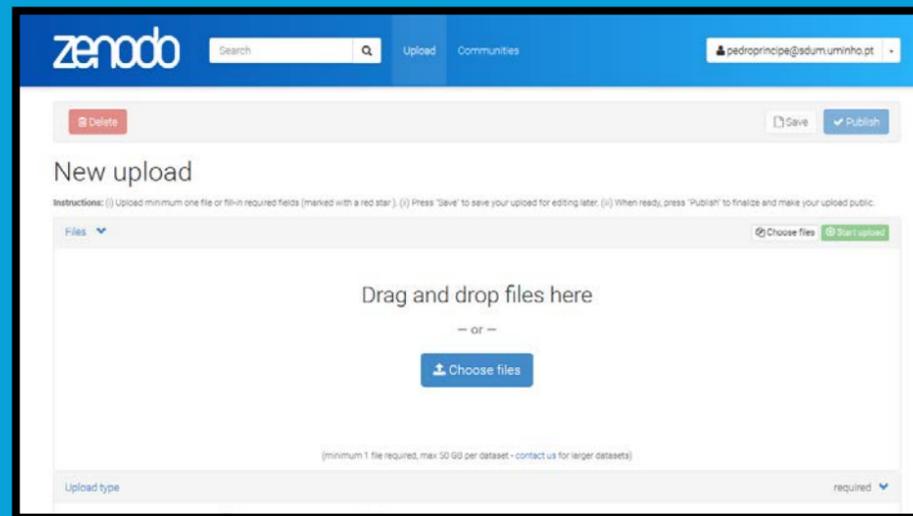
- Click the button above to upload straight to this community.
- The community curator is notified, and will either accept or reject your upload (see community curation policy above).
- If your upload is rejected by the curator, it will still be available on Zenodo, just not in this community.

Community



Cyprus

upload



describe



publish



- Deposit Publications & Data
- Link Research Results
- Validate / Register Repository
- Content policy

OpenAIRE

Are you a grant recipient from the following: H2020; FP7 with SC39; or ERC? Then you are required to publish in [open access](#). One way to do this is to deposit your publications into an [open access repository](#).

Click the following to find more information: [FP7 guidelines](#), [H2020 guidelines](#), [ERC guidelines](#) OR [ask a question](#) to OpenAIRE's national representative.

LOCATE DATA PROVIDER VIA YOUR INSTITUTION

Type the name of your institution.

OR LOCATE DATA PROVIDER IN MAP

Datasource type	Compatibility	Country [select all none]
<input type="checkbox"/> Publication Repository	<input type="checkbox"/> OpenAIRE 3.0 OA funding	all countries selected
<input type="checkbox"/> Aggregator	<input type="checkbox"/> OpenAIRE Basic DRIVER OA	<input type="checkbox"/> Algeria
<input type="checkbox"/> Journal Aggregator/Publisher	<input type="checkbox"/> OpenAIRE 2.0+ DRIVER OA EC funding	<input type="checkbox"/> Argentina
<input type="checkbox"/> Journal	<input type="checkbox"/> collected from a compatible aggregator	<input type="checkbox"/> Australia
<input type="checkbox"/> Institutional Repository	<input type="checkbox"/> OpenAIRE 2.0 EC funding	<input type="checkbox"/> Austria
<input type="checkbox"/> Thematic Repository	<input type="checkbox"/> proprietary	
<input type="checkbox"/> Publication Repository		
<input type="checkbox"/> Registry		
<input type="checkbox"/> Institutional Repository Aggregator		

Map Satellite Gray

Search in 20,217,132 publications 518,052 datasets from 2,884 repositories and OA journals

OpenAIRE Ethics Advisor Position

Aggregation Activities and Results

Regular bibliographic metadata harvesting, validation and normalization

- **20M+ publications** (de-duplicated)
- **~5 M full-texts**
- **300,000+ links publication-project** from 6 funders
- **40,000+ datasets linked to publications or projects**
- **60,000+ organizations** (de-duplicated)

Collected from:

- **800+ “direct” data providers**
- **Key-regional aggregators: CORE-RIOXX, JAIRO (Japan), LA Referencia**
- **6,000+ “indirect” data providers** (inherited from aggregators)

Obligations - Services and tools for projects

- ✓ **Open Access Depositing**
- ✓ **Storing Research Data**
- ✓ **Claiming publications and datasets**
- ✓ **Reporting research outputs**
- ✓ **Monitoring and analytics**
- ✓ **Discovery and Access**

Thank you!

Vasiliki (Sylvia) Koukounidou
University of Cyprus Library

-  www.openaire.eu
-  [@openaire_eu](https://twitter.com/openaire_eu)
-  facebook.com/groups/openaire
-  linkedin.com/groups/OpenAIRE-3893548
-  Koukounidou.v@ucy.ac.cy