



LIBRARY
AND INFORMATION SERVICES

A selection of Open Access Resources

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What is Open Access?

Open access was defined in three public statements - the [Budapest Open Access Initiative](#) in February 2002, the [Bethesda Statement on Open Access Publishing](#) in June 2003, and the [Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities](#) in October 2003.

The **intended audience of research articles is usually other researchers**. Open access helps researchers as readers by opening up access to articles that their libraries do not subscribe to. Open access extends the reach of research beyond its immediate academic circle.

Open access publications are freely and permanently available online to anyone with an internet connection. Unrestricted use, distribution and reproduction in any medium is permitted, provided the author/editor is properly attributed.

These publications are usually **peer-reviewed and provided from scholarly and scientific research**. Terms commonly used are "Open archives", "Repositories", "Open access".

Types of documents which can be found are:

- Scientific articles
- Electronic documents
- Theses and dissertations
- Reports and studies
- Symposium proceedings
- Lectures
- Books

One option for authors who wish to make their work openly accessible is to publish in an **open access journal** ("Gold open access"). The other option is to publish in **institution or subject based repositories** ("Green Open access").

Green open access – Green OA: submission of articles in open repositories

- institution or subject based repositories
- Published articles or not
- Access to contents via a search engine

- Gold open access – Gold OA:** submission of articles in journals on open access
- Research journals with “peer-review” but with a different business model
 - Journals completely available in OA
 - OA option with some conventional editors

How to identify Open Repositories

OpenDOAR: the Directory of Open Access Repositories - <http://www.opendoar.org>

OpenDOAR

An authoritative listing of over 2200 open access repositories. One can search for repositories or for the contents of repositories and limit by subject, country or language. Sponsored by SPARC Europe.

ROAR: Registry of Open Access Repositories Mandatory Archiving Policies - <http://roarmap.eprints.org/>

ROARMAP

A list of repositories maintained by Southampton University, including growth data. Results can be limited by country and repository type.

How to identify Open Access journals

DOAJ: Directory of Open Access Journals - <http://www.doaj.org/>
Database of 9992 scholarly journals available in full-text [09/12/2013].

DOAJ DIRECTORY OF OPEN ACCESS JOURNALS

BioMed Central - <http://www.biomedcentral.com/>

BioMed Central
The Open Access Publisher

STM publishes of 272 peer-reviewed open access journals in biology, biomedicine and medicine.

Hindawi - <http://www.hindawi.com/>

Academic publisher with 437 peer-reviewed, open access journals covering a wide range of academic disciplines.

Hindawi

Paperity – paperity.org

Multidisciplinary aggregator of open access journals and papers. Search among 358.639 papers [November 2014].

paperity
open science aggregated

Revue.org - <http://www.revues.org/>

Aggregator of 448 open access journals in human and social sciences.

revues.org
CENTRE POUR L'ÉDITION ÉLECTRONIQUE OUVERTE
CENTRE FOR OPEN ELECTRONIC PUBLISHING

Multidisciplinary Open Repositories

BASE: Bielefeld Academic Search Engine - <http://www.base-search.net/>

BASE
Bielefeld Academic Search Engine

Search engine for academic open access web resources. Contains records for more than 50 million documents and the majority is available in full-text. 50 million documents from more than 2700 sources [09/12/2013].

CORE: Connecting Repositories - <http://core.kmi.open.ac.uk/search>

Aims to facilitate free access to scholarly publications distributed across systems. CORE gives you access to millions of scholarly articles aggregated from many Open Access repositories.

CORE

Digital Commons Network™
Open Access. Powered by Scholars. Published by Universities.™

Digital Commons Network - <http://network.bepress.com/>

Brings together free, full-text scholarly articles from hundreds of universities and colleges worldwide. Curated by university librarians and their supporting institutions, the Network includes a growing collection of peer-reviewed journal articles, book chapters, dissertations, working papers, conference proceedings, and other original scholarly work.

NARCIS: The gateway to scholarly information in the Netherlands - **NARCIS**

<http://www.narcis.nl/>

Main national information portal about Dutch researchers, including open access publications from the repositories of all Dutch universities, KNAW, NOW and a number of research institutes.



OAister - <http://oaister.worldcat.org/>

A union catalog of resources that was built by harvesting from open access collections worldwide. 30 million records from 1500 contributors [09/12/2013].

OpenAIRE: Open Access Infrastructure for Research in Europe -



<http://www.openaire.eu/en>

European project to support open access deposit as decided by the European Commission and the European Research Council. Catalog of open access papers. 33500 items [09/12/2013].

OpenGrey Repository - <http://www.opengrey.eu/>

This site provides access to Grey Literature papers produced in Europe. Find thesis, technical reports, proceeding papers, governmental publications in science, technology, biotechnology, human science. 690633 items (2013-12-04).



Rock your Paper – <http://rockyourpaper.org/>

Platform for searching and accessing open access peer-reviewed articles from university's digital libraries, World Bank and Open Access repositories.



Google Scholar - <http://scholar.google.com/>

Bibliographical databases which enables to search for academic and scientific articles or papers. Many are available in full-text.



Subject-based Open Repositories or institutional repositories

AERADE - <http://naca.central.cranfield.ac.uk/>

Reports from the Aeronautical Research Council (ARC) and NACA, the predecessor to NASA, .technical report.



arXiv.org e-Print Archive - <http://arxiv.org/>

Papers in physics. Mathematics, computer sciences. Open access to 977.817 e-prints [09/12/2013].



CERN Document Server: CDS - <http://cds.cern.ch/>

This site is an institutional repository for the European Organization for Nuclear Research (CERN).



CiteSeerX - citeseerx.ist.psu.edu/

Scientific literature digital library and search engine that has focused primarily on the literature in computer and information science.



CogPrints - <http://cogprints.org/>

Electronic archive for self-archive papers in any area of Psychology, Neuroscience, and Linguistics, and many areas of Computer Science.

Cogprints

DR-NTU Open Access - <http://dr.ntu.edu.sg/>

This site provides access to the research output of Nanyang Technological University (NTU). 14424 items [04/12/2013].

**DR-NTU
OPEN ACCESS** 

Dspace@MIT - <http://dspace.mit.edu/>

This site is a university repository providing access to the publication output of the MIT. 67890 items [04/12/2013].

DSpace@MIT

EconStor - <http://www.econstor.eu/>

Contains publication of scholarly literature in economics, business administration, and management.

ECONSTOR

HAL: Hyper Article en Ligne - <http://hal.archives-ouvertes.fr/>

Documents deposited in HAL are not subjected to any peer evaluation; but they should, however, be of sufficient quality to rate submission for publication in a specialized scientific journal. Biology, chemistry, earth and planetary sciences, environment, mathematics, physics and astronomy and Technology general. 263719 items [04/12/2013].

HAL
Articles en ligne

Infoscience (EPFL) - <http://infoscience.epfl.ch/>

This is an institutional repository providing access to materials produced by the students and academic staff of EPFL. 111582 items [27/11/2013].

EPFL
ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE

KTH Publication Database DIVA - <http://kth.diva-portal.org/smash/search.jsf?rvn=1>

This is an institutional repository providing access to publications from publications from Kungliga Tekniska Högskolan (Publikationer från KTE) or the Royal Institute of Technology.

KTH
KUNGLIGA TEKNISKA
HÖGSKOLEN

Max Planck Society eDoc server - <http://edoc.mpg.de/display.epl>

This is an institutional repository providing access to the scholarly output of the Max Planck institutes. 197025 items [04/12/2013].

Max Planck Society
eDoc Server **eDoc**

NASA NTRS: Technical Reports Server -

<http://ntrs.nasa.gov/search.jsp>

This bibliographical database displays citation information from NASA's Scientific and Technical Information (STI) Program and includes research reports, journal articles, conference and meeting papers, technical videos, mission-related operational documents, and preliminary data. Links to full-text is provided when available. Aeronautics and astronautics.

NASA Technical Reports Server (NTRS)
Providing Access to NASA's Technology, Research, and Science

OATAO: Open Archive Toulouse Archive Ouverte -

<http://oatao.univ-toulouse.fr/>

OATAO is an open access repository that collects the work of Toulouse researchers (SUPAERO – ISAE) and makes it freely available over the web where possible. It can include articles, book chapters, reports, conference papers, etc...

OATAO
Open Archive Toulouse Archive Ouverte

Public STINET: Public Scientific and Technical Information Network - <http://www.dtic.mil/dtic/search/tr/tr.html>

This military based subject repository contains nearly 1 million citations and over 140,000 full-text declassified reports that document the results of Defense-sponsored research, development, test and evaluation (RDT&E) efforts. 71500 items [30/10/2013].

DTIC Online
Information for the Defense Community

PubMed Central - <http://ncbi.nih.gov/pmc>

Medicine and biomedical sciences. Open access to 2.9 million articles [09/12/2013]

NCBI Resources
PMC
U.S. National Library of Medicine
National Institutes of Health

RePEc: Research Papers in Economics - <http://repec.org/>

Bibliographic database which contains references from 1800 journals and 3800 working paper series, with some available in full-text. [09/12/2013].



SCOAP3: Sponsoring Consortium for Open Access Publishing in Particle Physics - <http://scoap3.org/>

Worldwide partnership of thousands of libraries, key funding agencies and research centers in the field of high-energy physics. (Start on 1st January 2014).

SCOAP³

S-Space (SNU Open Repository and Archive) -
<http://s-space.snu.ac.kr/>

This site provides access to the output of the Seoul National University.



SciELO: Scientific Online Library - <http://www.scielo.org/php/index.php?lang=en>

Bibliographic database of full-text documents from 985 scientific journals of South America.

AJOL: African Journals Online - <http://www.ajol.info/>

Partnership of African-based academic journals so that Africa-origin research output is available.

Thesis and Dissertations

DART-Europe E-theses Portal - <http://www.dart-europe.eu/basic-search.php>

The DART-Europe portal provides access to growing amount of full-text research theses from 300 universities sourced from 19 European countries.

Caltech theses and dissertations - <http://thesis.library.caltech.edu/>

This is an institutional repository providing access to the student theses produced at the university. By the nature of the university the majority of the theses available on this site are in areas of applied science, mathematics and technology. 71500 items [30/10/2013].

NDLTD Networked Digital library of Theses and Dissertations

<http://www.ndltd.org/resources/find-etds>

OATD: Open Access Theses and Dissertations - <http://oatd.org/>

Open access books

doab - <http://www.doabooks.org/doab>

Database with 2426 peer-reviewed academic books from 79 publishers. Sponsored by Brill and Springer [November 2014].

