



Open Access An Introduction

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Open Access Publishing – How & Why?
- An Information and Discussion Seminar for Scientists -
Kiel, Integrated School of Ocean Sciences, 19.05.2010

Open Access – What Does It Mean?

„If I have seen further
it is by standing on the shoulders of giants.“
(Isaac Newton, 1676)

Science and research are based on
published scientific information

Students and scientists need scientific publications.



Open Access – What Does It Mean?

Publishing scientific results

- reputation of institution
- reputation of project
- further research funding



Open Access – What Does It Mean?

Access to scientific publications and information

via traditional
publishing houses

- restricted
- expensive

via Open Access

- immediately online
- free, without restrictions



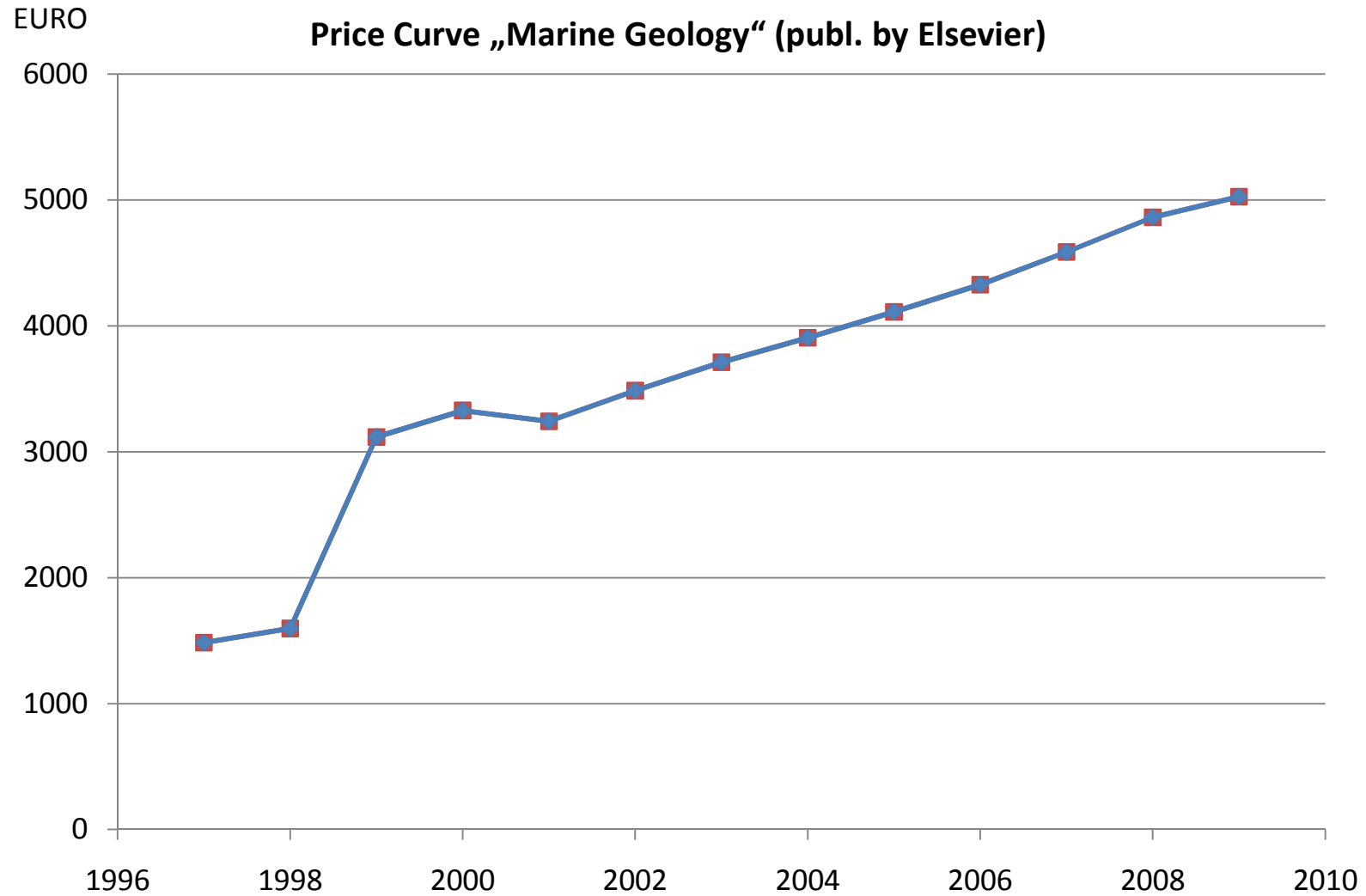
Open Access – Background Information

1995 on :

Internet : Information, communication, interaction

Publishers : Monopolization, Journals' price increase,
big profits

Open Access – Background Information





Open Access – Background Information

1995 on :

Internet : Information, communication, interaction

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**Libraries : Cancelling subscriptions,
restrictions in Interlibrary Loan**

➔ Restricted availability of scientific information



Open Access – Background Information

- to free authors and science from the restricted policies of publishing houses
- to rise the free access to scientific results
- and to give copyright back to the authors

 **Open Access Movement**



Open Access – Background Information

“We define open access as a comprehensive source of human knowledge and cultural heritage that has been approved by the scientific community.”

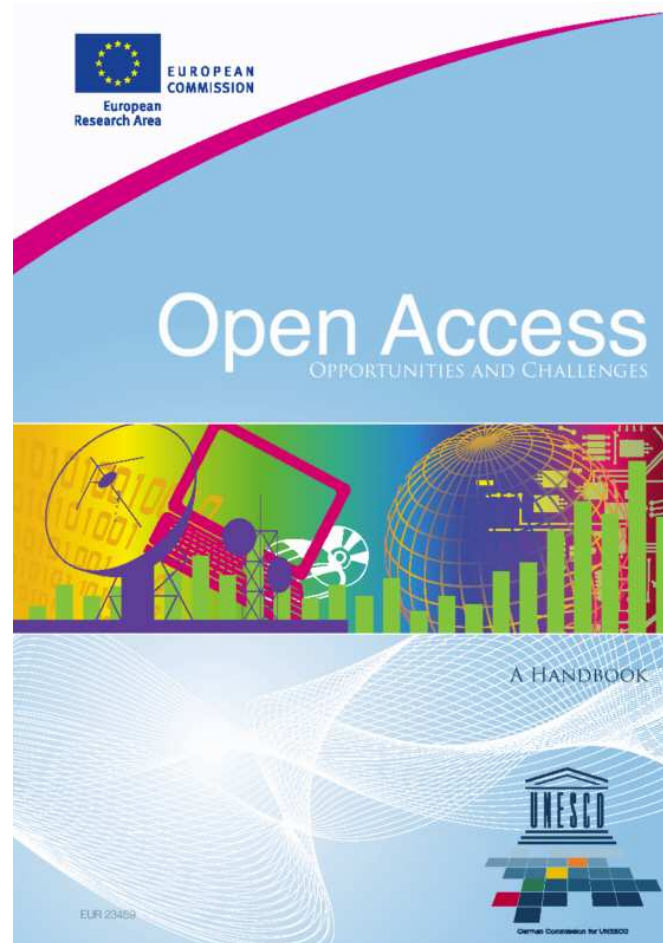
“Our organizations are interested in the further promotion of the new open access paradigm to gain the most benefit for science and society.”

The Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities (Oct. 22nd, 2003)

Signed by e.g. : DFG, WGL, WR, HRK, MPG, HG ...

Open Access – Support, Promotion, Funding

German Commission
to UNESCO
2007



European Commission
ER 23459
2008

http://www.unesco.de/fileadmin/medien/Dokumente/Kommunikation/Handbook_Open_Access_English.pdf

(requested 14.05.2010)

Open Access – Support, Promotion, Funding



open-access-pilot-in-ec-ppt_en.pdf (application/pdf-Objekt) - Mozilla Firefox

http://ec.europa.eu/research/science-society/document_library/pdf_06/open-access-pilot-in-ec-ppt_en.pdf

open access pilot eu

open-access-pilot-in-ec-ppt_en.pdf ...

Suchen

EUROPEAN COMMISSION
Community research

Open Access Pilot in the European Commission's Seventh Research Framework Programme (FP7)

Special clause 39 on Open Access

Contact: RTD-open-access@ec.europa.eu

http://ec.europa.eu/research/science-society/open_access

July 2009

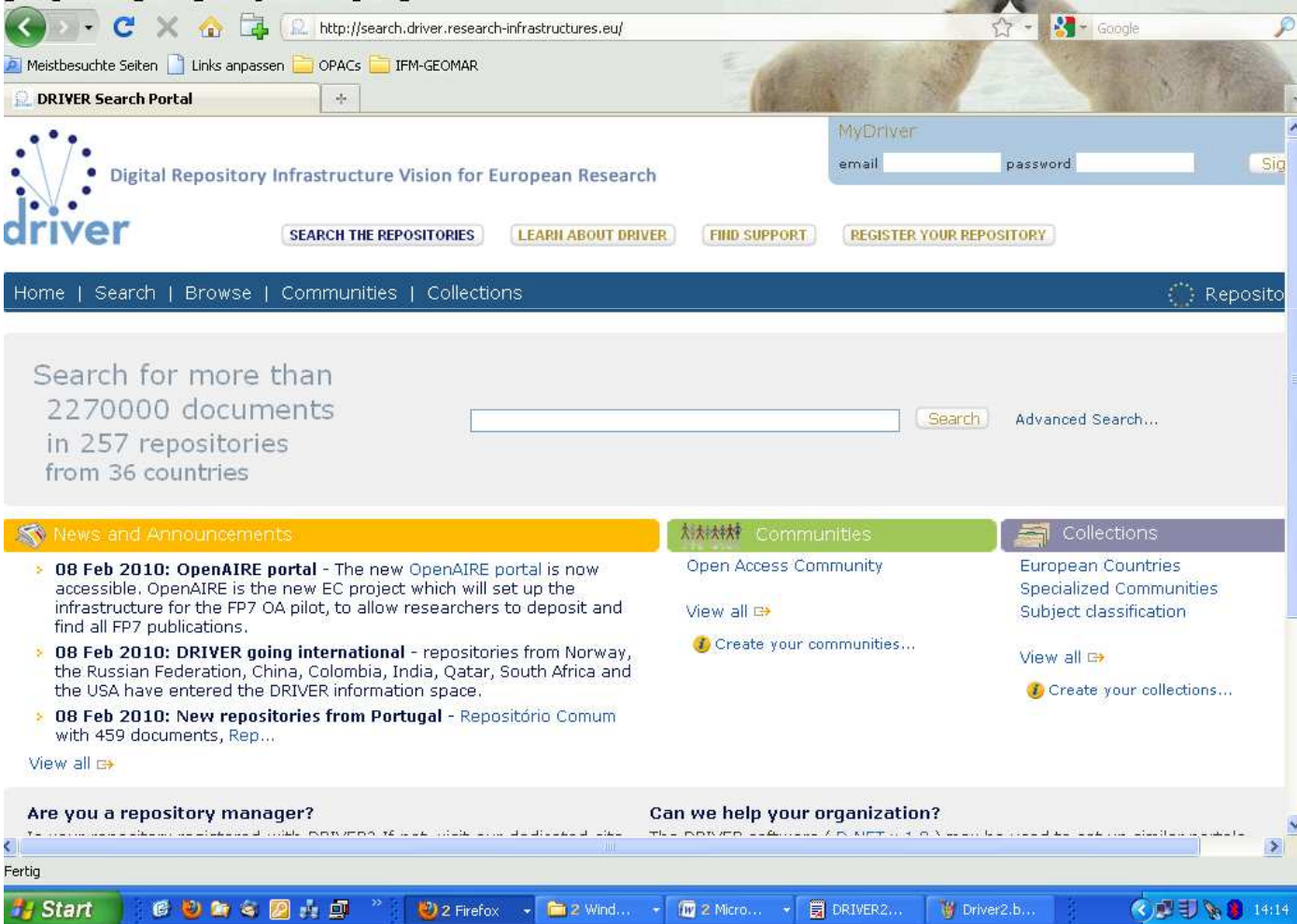
SEVENTH RESEARCH PROGRAMME

Done

Start | 2 Wind... | OA_Intr... | open-ac... | OA_Intr... | Unbenan... | DE | 16:35

(Requested
14.05.2010)

Open Access – Support, Promotion, Funding



The screenshot shows the DRIVER Search Portal website in a browser window. The address bar displays `http://search.driver.research-infrastructures.eu/`. The page features a navigation menu with links for Home, Search, Browse, Communities, and Collections. A search bar is prominently displayed with the text "Search for more than 2270000 documents in 257 repositories from 36 countries". Below the search bar, there are three main sections: "News and Announcements", "Communities", and "Collections".

News and Announcements:

- 08 Feb 2010: **OpenAIRE portal** - The new OpenAIRE portal is now accessible. OpenAIRE is the new EC project which will set up the infrastructure for the FP7 OA pilot, to allow researchers to deposit and find all FP7 publications.
- 08 Feb 2010: **DRIVER going international** - repositories from Norway, the Russian Federation, China, Colombia, India, Qatar, South Africa and the USA have entered the DRIVER information space.
- 08 Feb 2010: **New repositories from Portugal** - Repositório Comum with 459 documents, Rep...

Communities:

- Open Access Community
- View all
- Create your communities...

Collections:

- European Countries
- Specialized Communities
- Subject classification
- View all
- Create your collections...

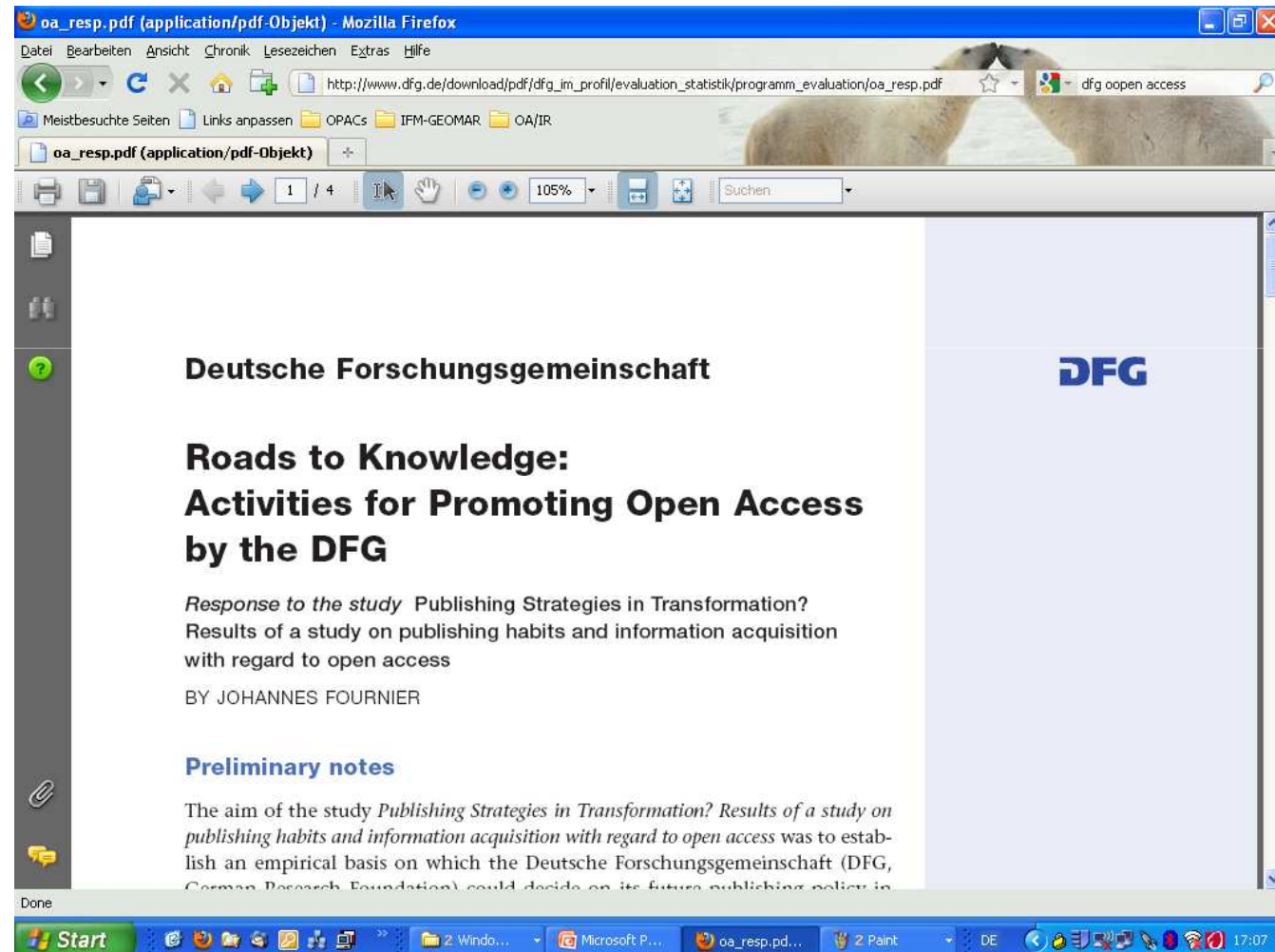
At the bottom of the page, there are two sections: "Are you a repository manager?" and "Can we help your organization?". The browser's taskbar at the bottom shows the Start button, several open windows (Firefox, Wind..., Micro..., DRIVER2..., Driver2.b...), and the system clock showing 14:14 on 14.05.2010.

(Requested
14.05.2010)

Open Access – Support, Promotion, Funding

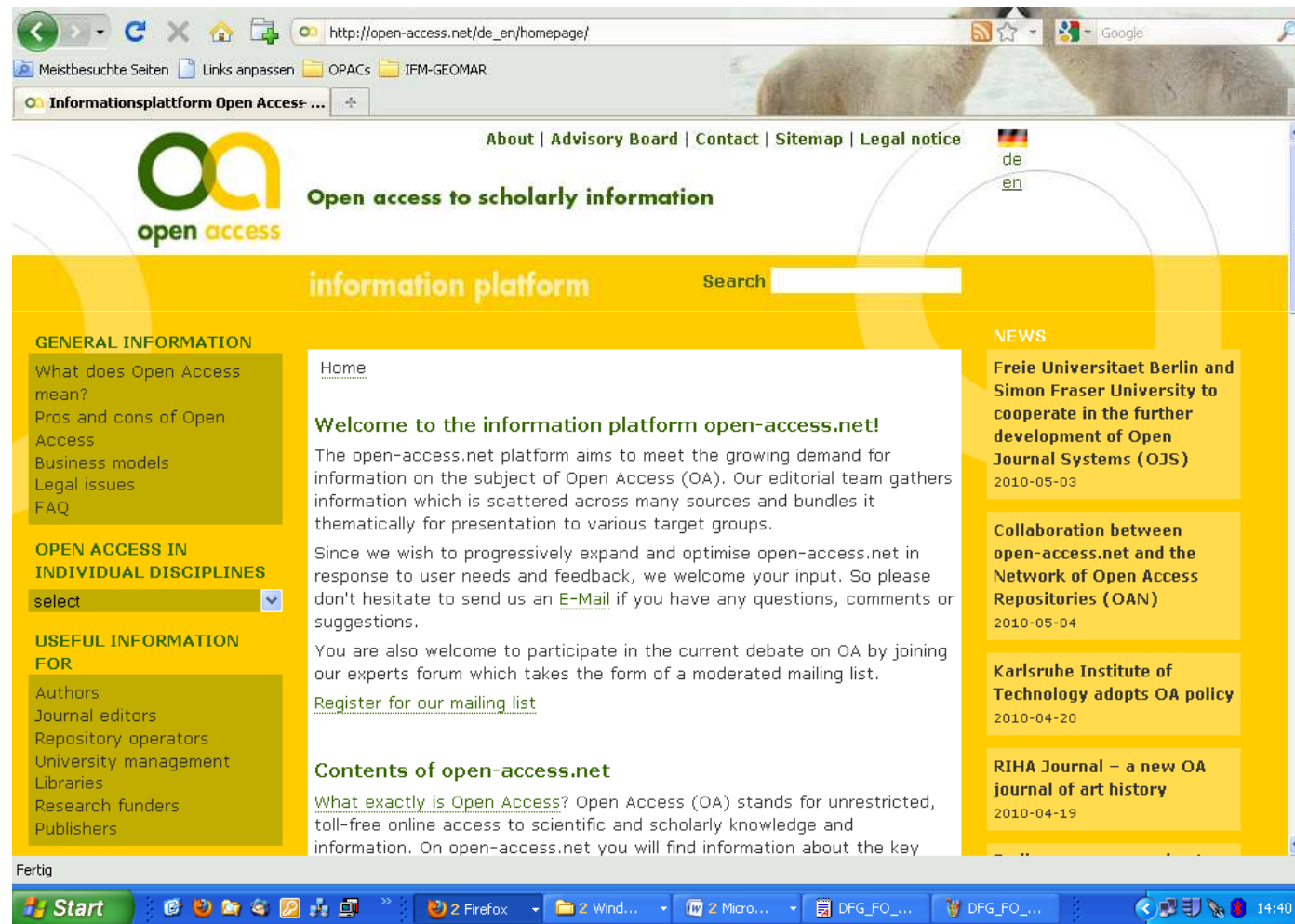
DFG:
„calling for easily
accessible freely
available electronic
publications ...“

(Requested
14.05.2010)



Open Access – Support, Promotion, Funding

DFG
Funded
Project
(Example)



The screenshot shows the homepage of the open-access.net information platform. The browser address bar displays 'http://open-access.net/de_en/homepage/'. The website features a yellow header with the 'open access' logo and navigation links: 'About | Advisory Board | Contact | Sitemap | Legal notice'. Below the header, there is a search bar and a main content area with three columns:

- GENERAL INFORMATION:** What does Open Access mean?, Pros and cons of Open Access, Business models, Legal issues, FAQ.
- OPEN ACCESS IN INDIVIDUAL DISCIPLINES:** A dropdown menu currently set to 'select'.
- USEFUL INFORMATION FOR:** Authors, Journal editors, Repository operators, University management, Libraries, Research funders, Publishers.

The central text area contains a welcome message: 'Welcome to the information platform open-access.net! The open-access.net platform aims to meet the growing demand for information on the subject of Open Access (OA). Our editorial team gathers information which is scattered across many sources and bundles it thematically for presentation to various target groups. Since we wish to progressively expand and optimise open-access.net in response to user needs and feedback, we welcome your input. So please don't hesitate to send us an E-Mail if you have any questions, comments or suggestions. You are also welcome to participate in the current debate on OA by joining our experts forum which takes the form of a moderated mailing list. Register for our mailing list'. Below this is a section titled 'Contents of open-access.net' with the text: 'What exactly is Open Access? Open Access (OA) stands for unrestricted, toll-free online access to scientific and scholarly knowledge and information. On open-access.net you will find information about the key'.

The right-hand column contains a 'NEWS' section with three items:

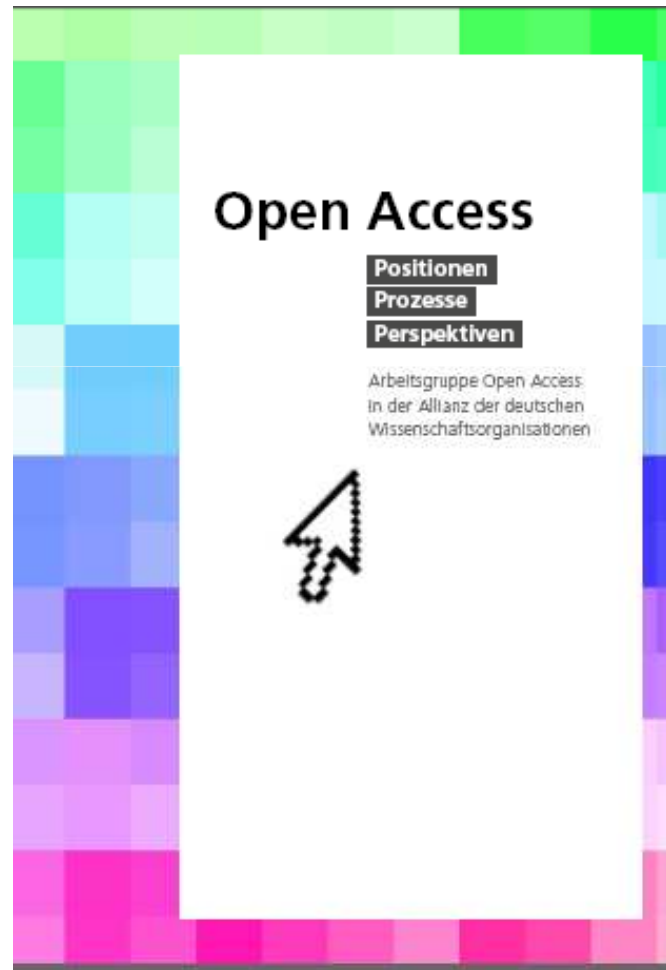
- Freie Universitaet Berlin and Simon Fraser University to cooperate in the further development of Open Journal Systems (OJS)** (2010-05-03)
- Collaboration between open-access.net and the Network of Open Access Repositories (OAN)** (2010-05-04)
- Karlsruhe Institute of Technology adopts OA policy** (2010-04-20)
- RIHA Journal – a new OA journal of art history** (2010-04-19)

The Windows taskbar at the bottom shows the Start button, several open applications (Firefox, Wind..., Micro...), and the system tray with the time 14:40.

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Open Access – Support, Promotion, Funding

Priority Initiative
Digital Information,
Alliance of German
Scientific Organisations





Open Access – Options

Publishing in traditional journals

- No Open Access
- Publisher is copyright holder
- Time delay: 9-12 months

Publishing in “hybrid” journals

- Open Access
- not available for every journal
- costs about USD 3000 per paper
- same time delay
- Publisher is copyright holder



Open Access – Options

Publishing in traditional journals and in institutional repository

- Open Access
- No time delay
- Publishing house is copyright holder

 **The Green Way of Open Access**



Open Access – Options

Institutional Repositories

- Bibliographic/Descriptive metadata
 - Fulltexts for Open Access
 - Repository Networks
- Searchable by search engines, portals, harvesters
 - More than 1.500 worldwide, 141 in Germany

Open Access – Options



OpenDOAR - Home Page - Directory of Open Access Repositories - Mozilla Firefox

http://www.opendoar.org/

Meistbesuchte Seiten | Links anpassen | OPACs | IFM-GEOMAR | OA/IR

OpenDOAR

Directory of Open Access Repositories

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

The Directory of Open Access Repositories - OpenDOAR

[Search for repositories](#) | [Search repository contents](#) | [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.

As well as providing a simple [repository list](#), OpenDOAR lets you [search for repositories](#) or [search repository contents](#). Additionally, 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.

The importance and widespread support for the project can be seen in its funders, led by the [Open Society Institute](#) (OSI), along with the [Joint Information Systems Committee](#) (JISC), the [Consortium of Research Libraries](#) (CURL) and [SPARCEurope](#).

OpenDOAR has also been identified as a [key resource](#) for the Open Access community (K. B. Oliver & B. Swain, 2006, BDF)

OpenDOAR has over 1500 listings!

Growth of the OpenDOAR Database

Repositories by Continent

JISC | OPEN SOCIETY INSTITUTE & SAGE FOUNDATION NETWORK | curl | SPARCEurope

http://www.opendoar.org/suggestionschart.html

Start | 2 Windows Ex... | OA_Intro_Point... | Microsoft Power... | OpenDOAR - H... | DE | 22:01

(Requested
14.05.2010)



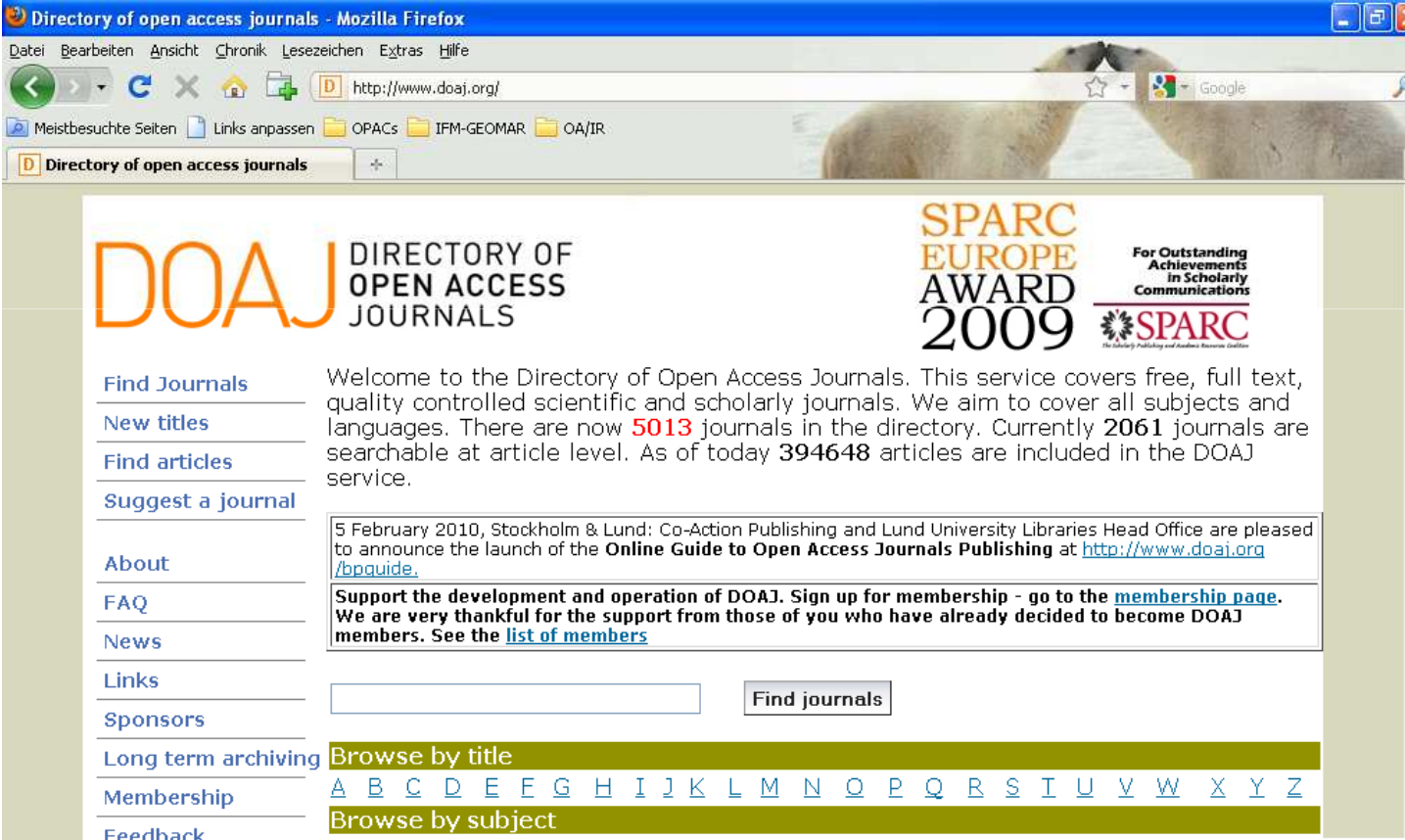
Open Access – Options

Publishing in open access journals (and in institutional repository)

- Open Access
- Author is copyright holder
- No time delay

 **The Golden Way of Open Access**

Open Access – Options



Directory of open access journals - Mozilla Firefox

http://www.doaj.org/

Meistbesuchte Seiten Links anpassen OPACs IFM-GEOMAR OA/IR

Directory of open access journals

DOAJ DIRECTORY OF OPEN ACCESS JOURNALS

SPARC EUROPE AWARD 2009
For Outstanding Achievements in Scholarly Communications
SPARC
The Scholarly Publishing and Academic Resources Coalition

[Find Journals](#)
[New titles](#)
[Find articles](#)
[Suggest a journal](#)

Welcome to the Directory of Open Access Journals. This service covers free, full text, quality controlled scientific and scholarly journals. We aim to cover all subjects and languages. There are now **5013** journals in the directory. Currently **2061** journals are searchable at article level. As of today **394648** articles are included in the DOAJ service.

5 February 2010, Stockholm & Lund: Co-Action Publishing and Lund University Libraries Head Office are pleased to announce the launch of the **Online Guide to Open Access Journals Publishing** at <http://www.doaj.org/bpguide>.

Support the development and operation of DOAJ. Sign up for membership - go to the [membership page](#). We are very thankful for the support from those of you who have already decided to become DOAJ members. See the [list of members](#)

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[Browse by subject](#)

(Requested
13.05.2010)



Open Access – Pros

- Author is Copyright holder
 - Quick availability
 - Worldwide availability
- Free availability without any restriction
- Fulltext via search engines, portals, harvesters
 - More citations
- Speeding up of scientific communication and discussion
- Improvement of international and interdisciplinary cooperation
 - Increased reliability of science and research

Open Access – Cons

- Lower impact factor because of journals' age

But:

DFG : „... “... clearly neither counting publications nor computing their cumulative impact factors are by themselves adequate forms of performance evaluation ...”

- Often publication fees, not yet embodied in research budgets

But:

The DFG is funding Open Access publications

- by sharing of expenses for publishing inside their funded projects
 - and by funding scientific publications in Open Access journals



Open Access – Results

- Science and research are no ends in themselves
 - Quick and unrestricted access to knowledge and information is essential for effective research and science
 - Science should only be controlled by science

What about you, your research and your publications?



Open Access – Results

**To be visible or not to be visible,
that is the question ...**



Sources

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(requested 12.05.2010)

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