



Open access journals and the developing world - experiences from operating the Directory of Open Access Journals (DOAJ)

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Purpose of the DOAJ:

- making it easier for
 - **aggregators & libraries** to integrate OA-journals data in their services
 - **OA-publishers** to get their journals visible
 - **readers** to find OA-material
 - **authors** to find a journal to publish in OA



What is DOAJ:

- A collection of **peer reviewed** open access journals
- Scope: All disciplines – all languages
- One interface
- Provides metadata harvesting services based on the OAI-PMH protocol for libraries and other service providers
- Provides search service for end-users



Selection criteria

- Open Access
 - no embargo!
- Quality control measures,
 - the journal must exercise peer-review or editorial quality control in order to be included in the DOAJ.
- Scientific or scholarly content
 - Researcher as primary target group



Open Access – our definition:

Open access journals = journals that use a funding model that **does not charge readers or their institutions for access.**

The BOAI definition of "open access" = the right of **"users to read, download, copy, distribute, print, search, or link to the full texts of these articles"** as mandatory criteria

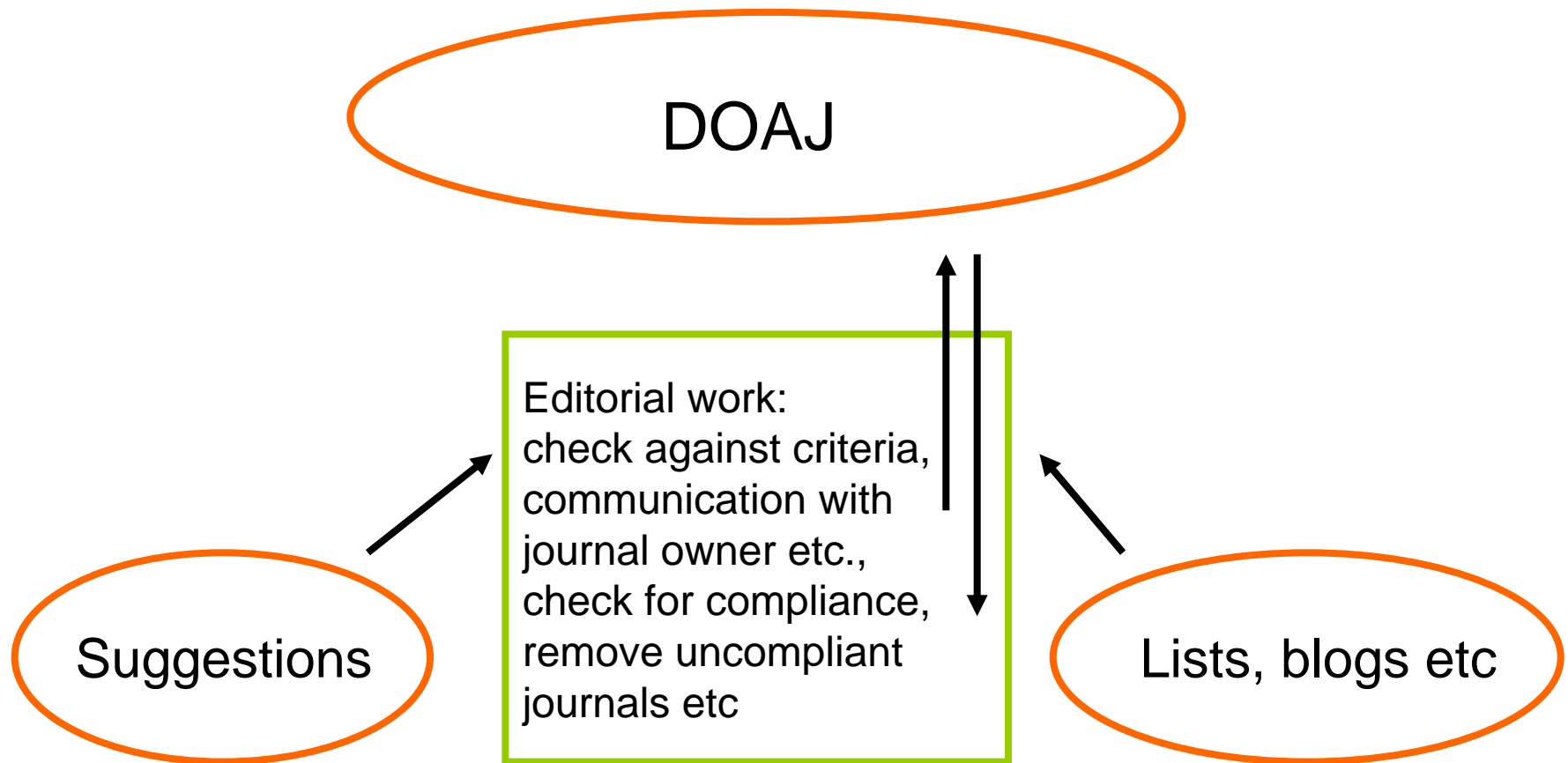


Number of journals listed in the DOAJ

- May 2003: 300
- November 2003: 558
- May 2004: 1097
- November 2004: 1345
- May 2005: 1601
- November 2005: 1905
- May 2006: 2230
- November 2006: 2450
- May 2007: 2700

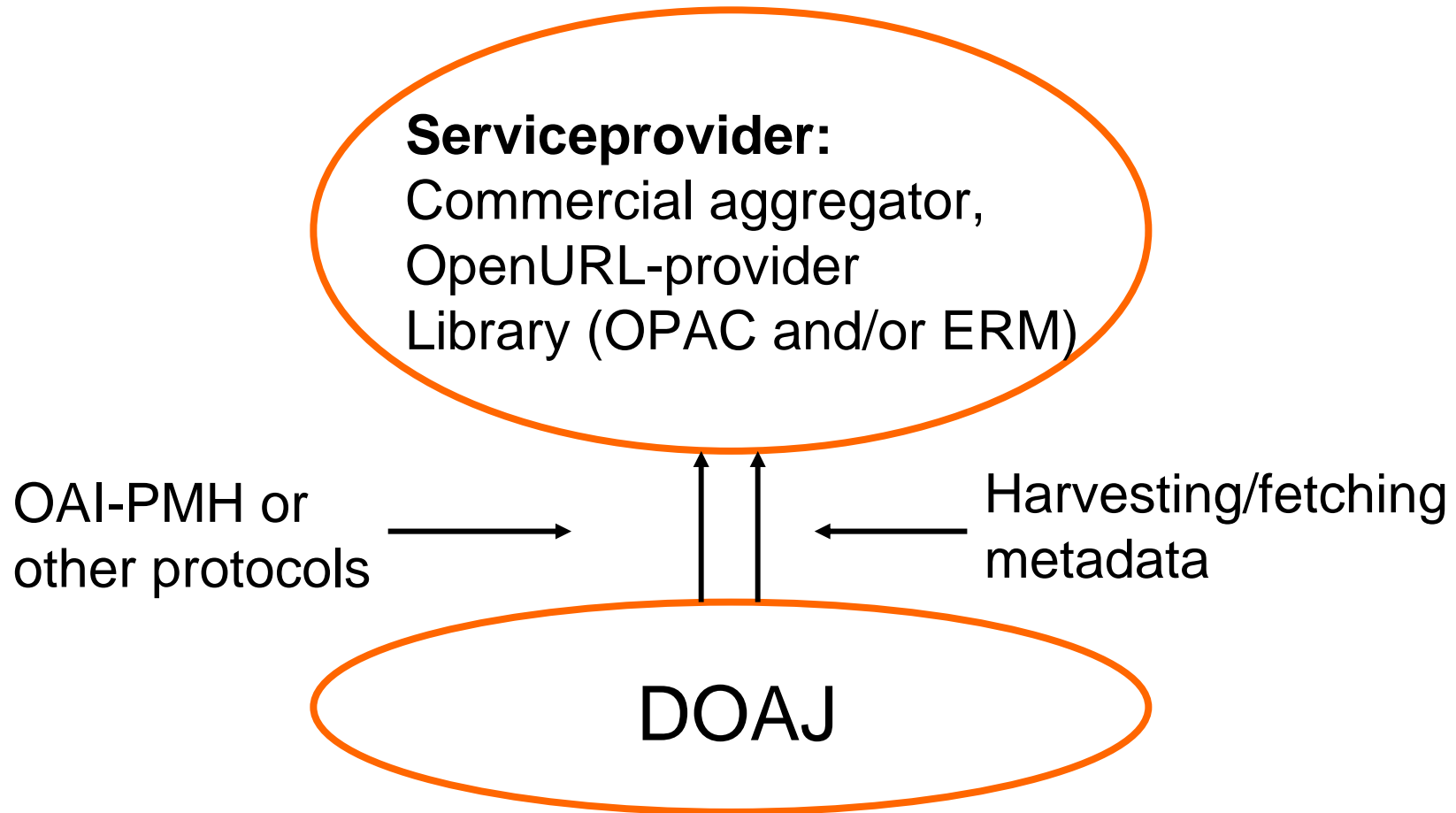


The Editorial Process (simplified)





Using DOAJ for harvesting Metadata



You also have the possibility to use the Boolean operators and, or, not.

How can I get journal metadata from DOAJ?

The DOAJ service supports the OAI protocol for metadata harvesting ([OAI-PMH](#)). Thus, any other service can obtain records from DOAJ for inclusion in their collection. OAI is well established, and easy to use. The base URL is: <http://www.doaj.org/oai>. You can add most OAI verbs and other commands directly on that. A few examples:

Verb: Identify

<http://www.doaj.org/oai?verb=Identify>

Verb: ListMetadataFormats

<http://www.doaj.org/oai?verb=ListMetadataFormats>

Verb: ListRecords&from=2004-01-01&metadataPrefix=oai_dc

http://www.doaj.org/oai?verb=ListRecords&from=2004-03-01&metadataPrefix=oai_dc

From these URLs you'll get both an idea of what OAI is, and much of our metadata. See also [our example](#).

You have also the possibility to download the list of records in DOAJ in a comma separated format. Then you can import the file to Excel or some other software to use the records further. Do as follows:

- Download the file from <http://www.doaj.org/doaj?func=csv> to your own computer
- Open e.g. Excel
- Go to the menu Data -> Get External Data -> Import Text File
- From there you can choose how you want the spread sheet to look like e.g., delimited-> Comma -> General

How do I get article level metadata from DOAJ?

The article level metadata can be harvested using OAI protocol. The base URL is: <http://www.doaj.org/oai.article> Use OAI verbs and other command options directly on that. Example:

Verb: ListRecords&from=2004-07-01&metadataPrefix=oai_dc

http://www.doaj.org/oai.article?verb=ListRecords&from=2004-07-15&metadataPrefix=oai_dc

Do you have any restrictions for the use of your metadata?



Search

- **Quick Search**

Search

- **Advanced Search**

Services

- **Alphabetic Index**
- **Subject Categories**
- **Bibliographic / Full Text Databases**
- **Electronic Books / Dictionaries**
- **Publishers**

My HEAL-Link

E-mail:

Κωδικός:

Enter

- **New user**
- **Forgot password**
- **Usage guide**

Alphabetic Index

0-9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

- **D** Wilson (2004 -)
- **D-Lib Magazine** DOAJ (Directory of Open Access Journals) (1995 -)
- **D-Lib Magazine** Wilson (2000 -)
- **DAC: Annual ACM IEEE Design Automation Conference** ACM (Association for Computing Machinery) (1964 -)
- **DARE: Designing Augmented Reality Environments** ACM (Association for Computing Machinery) (2000 only)
- **DARU** DOAJ (Directory of Open Access Journals) (2002 -)
- **DATE: Design, Automation, and Test in Europe** ACM (Association for Computing Machinery) (1998 -)
- **Dados** DOAJ (Directory of Open Access Journals) (1990 -)
- **Dance Chronicle** Taylor & Francis (2001 -)
- **Danish Medical Bulletin** DOAJ (Directory of Open Access Journals) (2004 -)
- **Data & Knowledge Engineering** Elsevier (ScienceDirect) (1985 -)
- **Data Mining and Knowledge Discovery** SpringerLink (formerly Kluwer) (1997 -)
- **Data Processing (continued as Information and Software Technology)** Elsevier (ScienceDirect) (1981 - 1986)
- **Data Science Journal** DOAJ (Directory of Open Access Journals) (2002 -)



A-to-Z

[Index](#) [Titles](#) [Subjects](#) [Search](#) [About This Site](#)

1. "Reactions Weekly" to "Rendiconti del Seminario Matem"

Find:

[Advanced search](#)

0-9 [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) **[R](#)** [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)
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Titles where title name begins with 'RE': 184

Reactions Weekly

[EBSCOhost EJS](#) 2000 - 2003 **Your Access:** Jan 1 2002 - Oct 9 2004

ISSN: 0114-9954

Publisher: Adis International Limited

Subject: Medicine -- Therapeutics, Pharmacology

Reading in a foreign language

[DOAJ: Directory of Open Access Journals](#) 2002 to present

ISSN: 0264-2425 Online ISSN: 1539-0578

Publisher: University of Hawaii

Subject: Language and literature

The reading matrix: an international online journal

[DOAJ: Directory of Open Access Journals](#) 2001 to present

ISSN: 1533-242X

Publisher: University of Notre Dame

Subject: Language and literature

Reading online

[DOAJ: Directory of Open Access Journals](#) 1997 to present

ISSN: 1096-1232

Publisher: International Reading Association

Subject: Education -- Theory and practice of education

Recueil International de Législation Sanitaire

[Free Medical Journals](#) 1998 to present



Nätet Bilder Grupper Nyheter ^{Nytt!}

open access

Sök

Avancerad sökning
Inställningar

Sök hela webben Sök svenska sidor

Nätet

Resultat 1 - 10 av ungefär 667,000,000 vid sökning efter **open access**. (0.15 sekunder)

Tips: [Sök endast efter svenska resultat](#). Du kan ställa in sökspråk i [Inställningar](#)

[Directory of open access journals](#)

Categorized, searchable links to free, full text, quality controlled scientific and scholarly journals.

[www.doaj.org/](#) - 9k - 5 jun 2007 - [Cachad](#) - [Liknande sidor](#)

[Open access - Wikipedia, the free encyclopedia](#)

Open access (OA) means immediate, free and unrestricted online **access** to digital scholarly material[2], primarily peer-reviewed research articles in ...

[en.wikipedia.org/wiki/Open_access](#) - 89k - [Cachad](#) - [Liknande sidor](#)

[Peter Suber, Open Access Overview \(definition, introduction\)](#)

Focusing on **open access** to peer-reviewed research articles and their preprints. This is an introduction to **open access** (OA) for those who are new to the ...

[www.earlham.edu/~peters/fos/overview.htm](#) - 47k - [Cachad](#) - [Liknande sidor](#)

[Peter Suber, Open Access News](#)

The Project is **open access** and will be made completely available to scientists, clinicians and all those with an interest worldwide. ...

[www.earlham.edu/~peters/fos/fosblog.html](#) - 5 jun 2007 - [Liknande sidor](#)

[[Fler resultat från www.earlham.edu](#)]

[Open Access - Wikipedia](#)

Open Access (englisch freier, kostenloser Zugang) bezeichnet das Ziel, wissenschaftliche Literatur und Materialien frei zugänglich zu machen. ...

[de.wikipedia.org/wiki/Open_Access](#) - 44k - [Cachad](#) - [Liknande sidor](#)

[Welcome to Open Access](#)

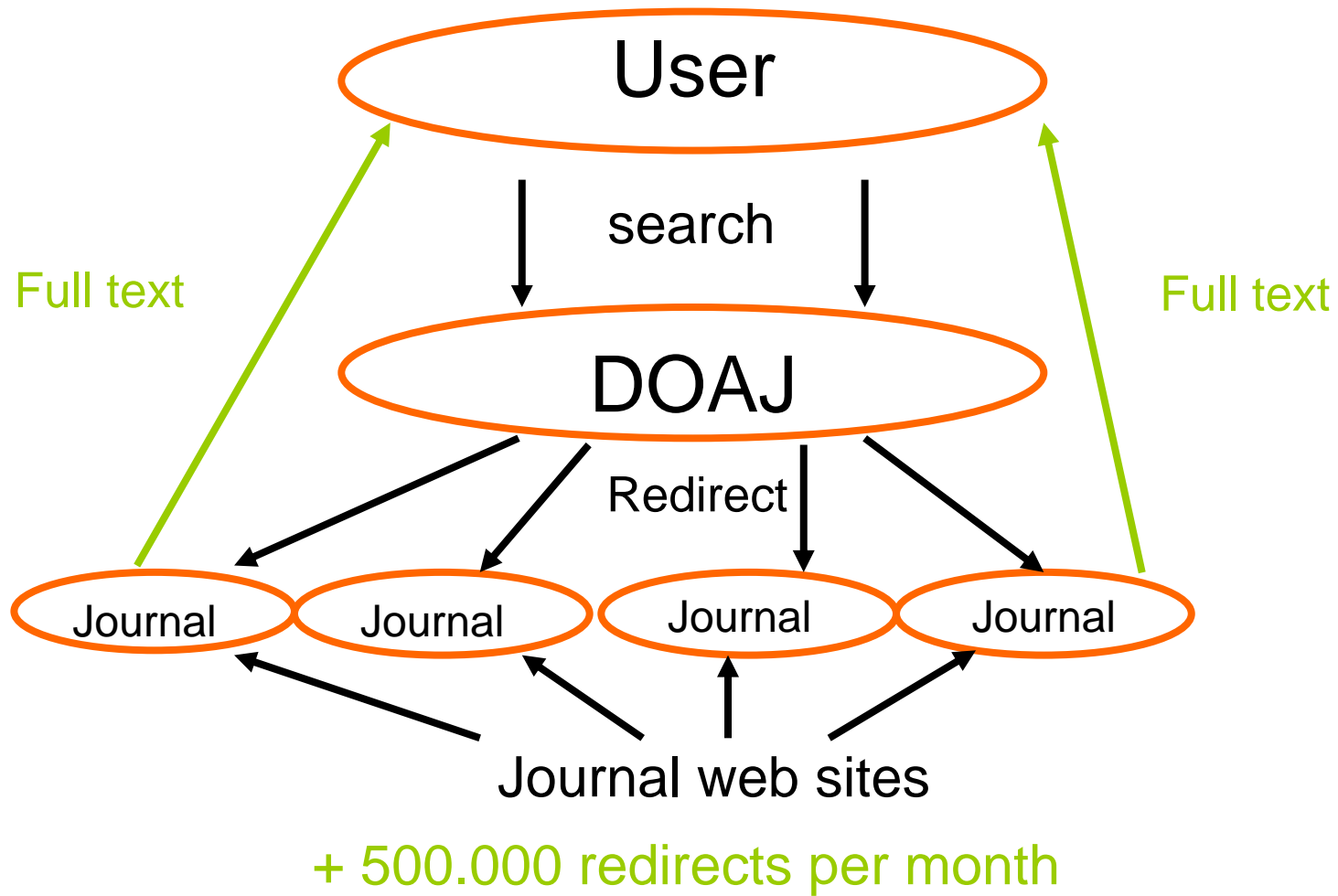
UK Countryside Agency's portal on public use rights under the Countryside and Rights of Way Act of 2000.

[www.openaccess.gov.uk/](#) - 10k - [Cachad](#) - [Liknande sidor](#)

[Budapest Open Access Initiative](#)



Using DOAJ for searching/browsing





So far ...

- Global visibility and dissemination of records
 - Integrated in OPAC's in many, many libraries
 - Several service providers are linking to DOAJ
 - Integrated in the services of aggregators (Serial Solutions, Ullrichs, Ebsco, OVID etc.)
 - And OpenURL-providers (Exlibris etc.)
- Frequently referred to as the most important listing



Composition of the DOAJ Journals

June 2007:

10 Publishers with 10+ Journals

24 Publishers with 5+ Journals

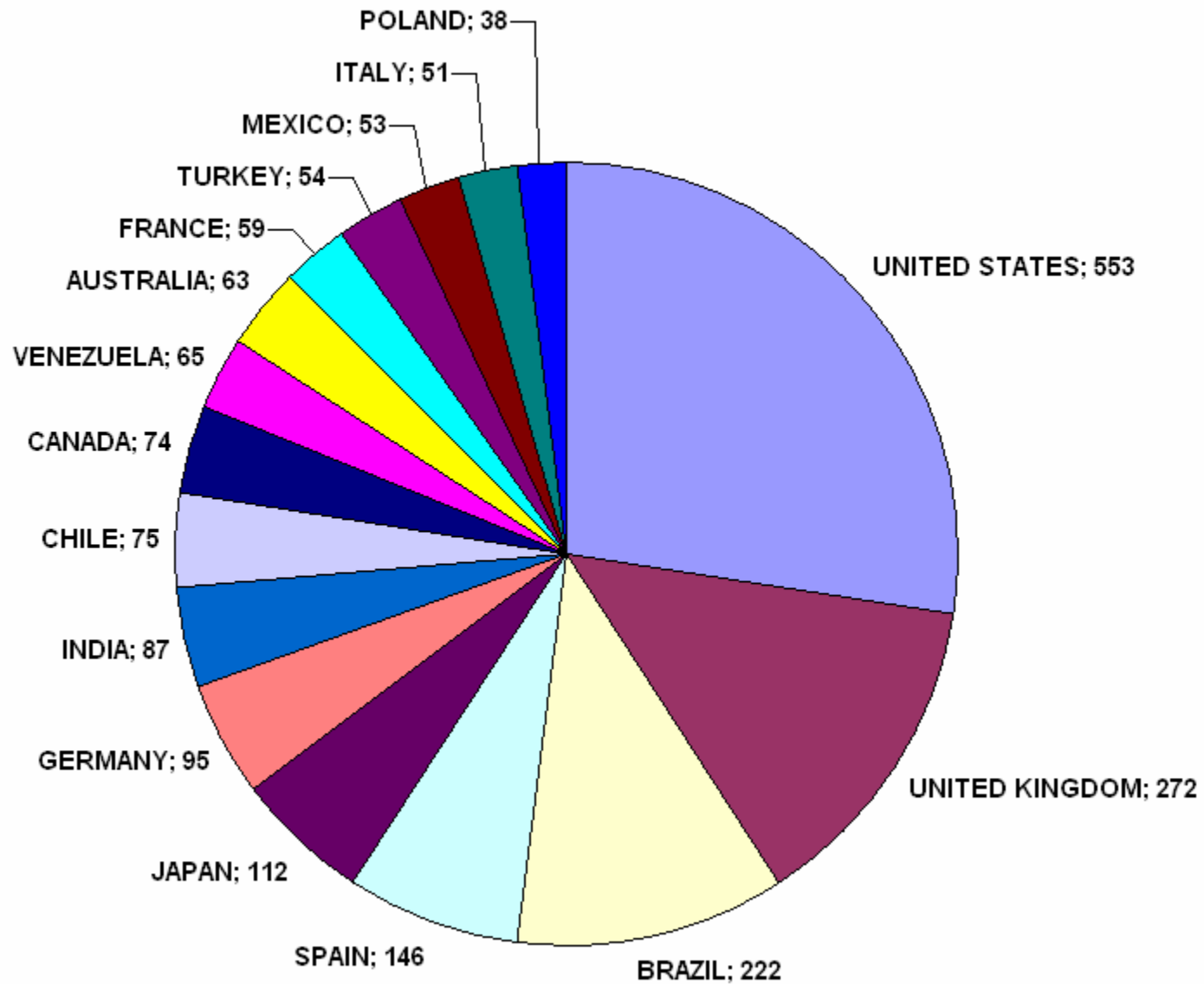
1906 Publishers with 1 Journal!

2044 Publishers in total as of June 2007!

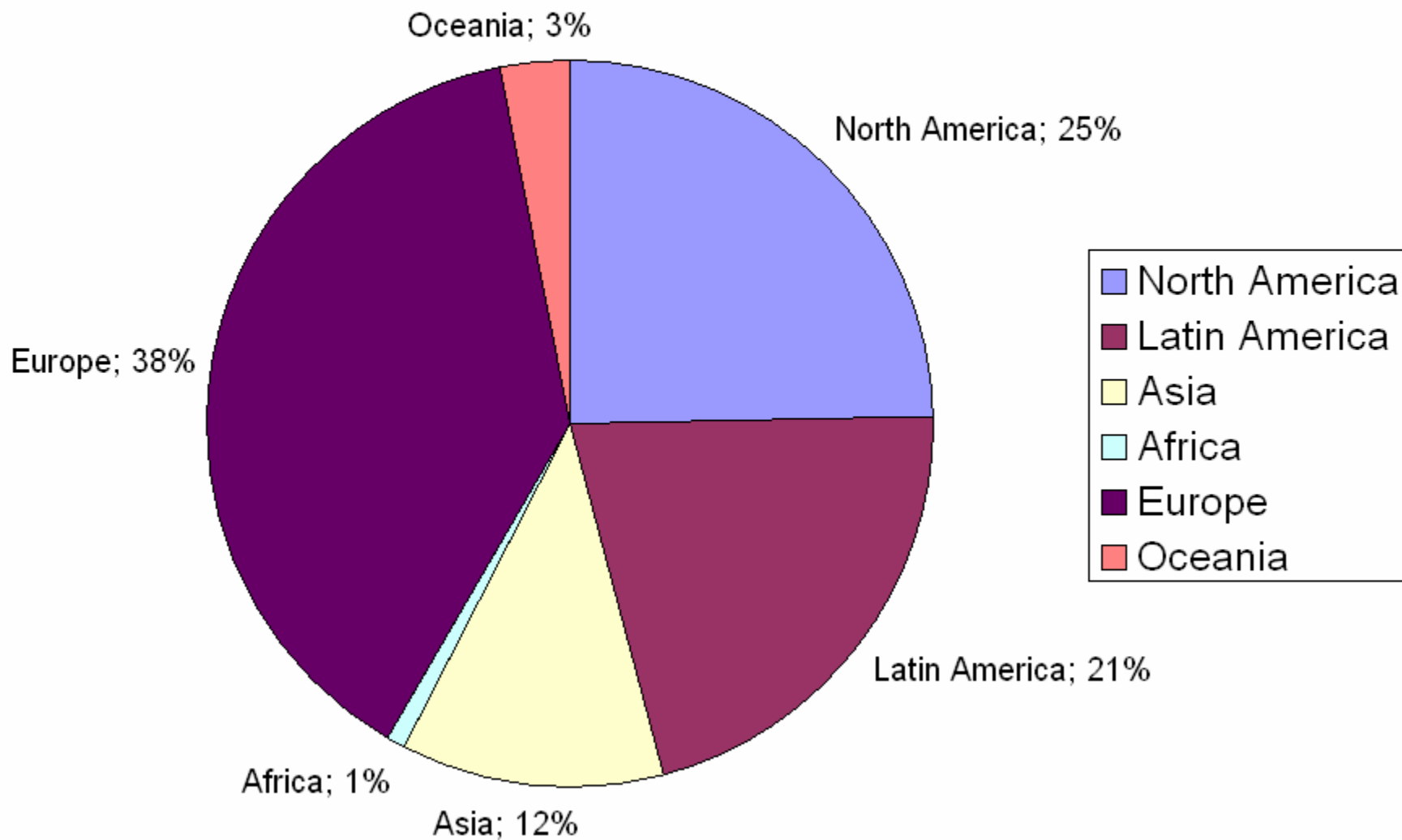
Journals from in 82 countries

+40 Languages

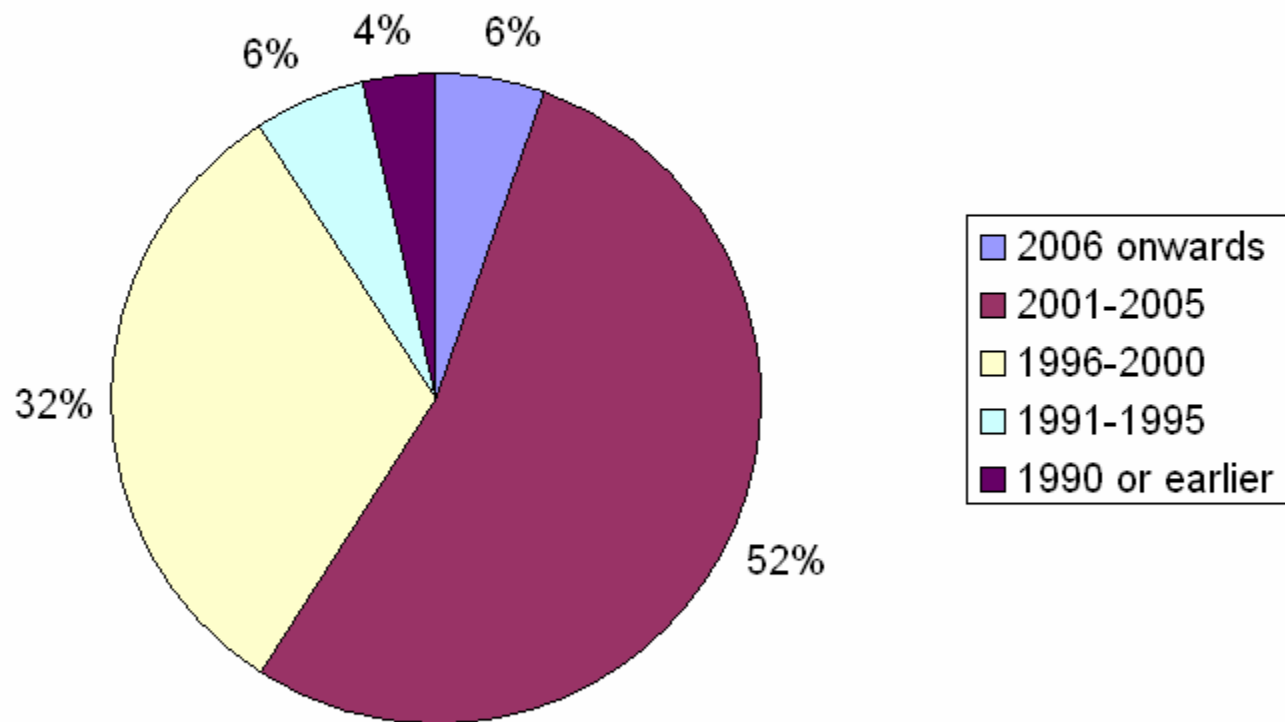
Journals per Country (top 15)



Journals per Continent (percentage)



Content OA from year



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22 journals belonging to subject: **Biotechnology**

[AgBioforum](#) [Open Access](#)

ISSN: 1522936X

Subject: [Biotechnology](#)

Publisher: University of Missouri, Columbia, Agriculture & Engineering Department

Language: English

Keywords: agricultural economics, biotechnology, agriculture

Start Year: 1998



[American Journal of Biochemistry and Biotechnology](#) [Open Access](#)

ISSN: 15533468

Subject: [Biochemistry](#) --- [Biotechnology](#)

Publisher: Science Publications

Language: English

Keywords: life sciences, biochemistry, evolutionary biotechnology, structural biology, molecular biology, cellular biology, molecular medicine, cancer research, virology, immunology

Start Year: 2005



[Applied Biochemistry and Microbiology](#) [Hybrid journal](#)

ISSN: 00036838

Subject: [Microbiology](#) --- [Biology](#) --- [Biochemistry](#) --- [Biotechnology](#)

Publisher: Kluwer



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News

For Publishers - File upload feature in DOAJ

We are pleased to announce our new file upload feature. Now you can upload many articles into DOAJ in one go.

The files must conform with the new [DOAJ article XML schema](#)

[Read more](#)

Cooperation with INASP (International Network for the Availability of Scientific Publications)



Country of Publication	No. of Journals in DOAJ	Country of Publication	No. of Journals in DOAJ	Country of Publication	No. of Journals in DOAJ
Bangladesh	2	Georgia	4	Nepal	3
Belarus	1	Ghana	1	Nigeria	8
Bhutan	1	Guatemala	2	Pakistan	23
Bosnia	1	India	89	Peru	12
Brazil	238	Indonesia	1	Philippines	2
Bulgaria	6	Iran	18	Senegal	1
China	6	Kenya	1	Serbia and Montenegro	8
Colombia	34	Korea	13	Thailand	1
Cuba	21	Macedonia	1	Ukraine	9
Ecuador	1	Morocco	1		
Egypt	6	Mozambique	1		



Cooperation with SPARC Europe

- Seal of Approval for Open Access Journals:
 - Information about the compliance with the DOAJ selection criteria plus compliance with the Seal of Approval criteria should be visible at (or clickable from) the journal web-page.
 - Ability to provide metadata on article level
 - Provision of XML-data
 - Provision of usage statistics
 - Preservation policy
 - Allow storage of full-text
 - Allow data- and/or text-mining



Long Term Archiving

Discussions with the Royal Library of the Netherlands (KB) concerning provision of full-text for long term archiving



Recent and forthcoming developments!

- Service for authors: "where can I publish in OA and what are the conditions??" – launched!
- Providing tools for journals to enable them to provide OAI-compliant article level metadata
- Working with journals from developing countries
- Certification programme for Open Access Journals
- Long-Term Archiving

The Impact of Open Access Journals – A Citation Study from Thomson ISI



”We have found that the number of OA journals identified as Open Access and covered in ISI databases are growing rapidly, partly because new journals are founded and older journals are changing their access models, but also because better lists of such journals are becoming available”



Support the operation and development of DOAJ!

Initial support from Open Society Institute, The National Library of Sweden, SPARC, SPARC Europe and Axiell has contributed to the operation and improvement of the DOAJ over the last 3 years.

We need your support for the continuing operation and development of the DOAJ!

Membership Program launched February



Statements in support of the DOAJ

- **Peter Suber:**

"Every institution that supports open access or researchers who support open access should support the DOAJ. I hope you will consider joining its membership program".

- **LIBER President Hans Geleijnse:**

"The Directory of Open Access Journals is an important service for researchers and their libraries." As President of LIBER, the Association of European Research Libraries, I would like to recommend libraries to support this work".



DOAJ Membership Benefits

- Acknowledgement as a DOAJ Member on the DOAJ Membership Pages, including link to your/your institutions/your companys homepage.
- Access to the list of recently added titles
- Quarterly newsletters
- Subscription to e-mail list for DOAJ members
- Access to list of removed titles
- The right to use the DOAJ membership in marketing activities
- Discount on participation in next years LUND Conference, April 21st 23nd, 2008 – www.lub.lu.se/ncsc



Membership Categories and yearly membership Fees

- Individuals: Euro 100
- Libraries, Universities, Research Centers: Euro 400
- Library Consortia, Library Associations: Euro 4.000
- Aggregators and other Service Providers: Euro 5.000

- +30 Universities, 3 Consortia & 1 Aggregator have joined so far -

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Thank you for your attention!
..... and for your support!

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Wahlgren & Salam Baker Shanawa

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