

Open Access: A Library's point of view

WHAT DOES OPEN ACCESS REALLY MEAN?

Open Access has as its objective the ***free and unlimited availability*** of scientific materials and publications

Publication is primarily via the internet, thereby enabling the maximum dissemination

Open Access within the context of scholarly communication is a set of business models that enables publicly funded research results ***to be disseminated to the widest possible audience at no cost for use*** of the published information

OPEN ACCESS MOVEMENT

- The serials crisis
- 1991: arXiv.org
- 1999: Open Archives Initiative
- 2001: Budapest Open Access Initiative
- 2003: Berlin Declaration

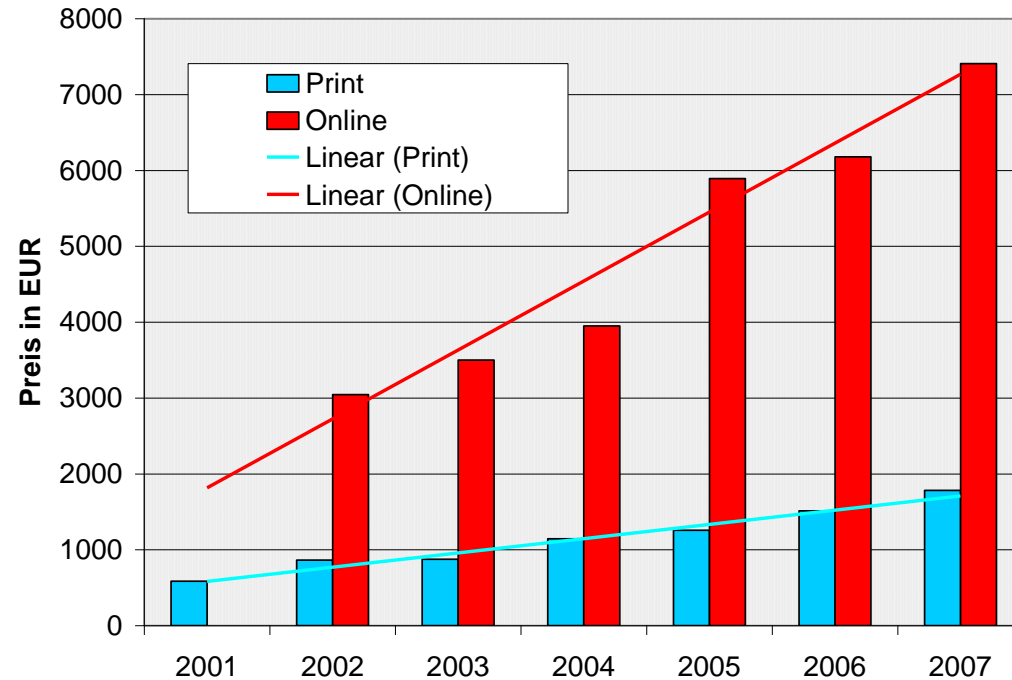
THE SERIALS CRISIS

- rootes go back more than 20 years
- drastic price increases over the years
- new strategies to increase the prices
- library budgets were decreasing at the same time

THE SERIALS CRISIS: THE „NATURE“ CASE

price increase for „Nature“

- More than 20 % / year



new, totally overpriced journal titles („Nature branded“)

- (data for 2007: list price for online licence ETHZ without consortia discount)

since		pages / year	Print EUR	Online EUR	EUR / page
2007	Nature Photonics	732	1860	4036	8.05
2006	Nature Nanotechnology	795	1860	4036	7.42
2006	Nature Protocols	3298	n/a	4036	1.22
2005	Nature Chem Biol	804	1860	5046	8.59

REASONS FOR OPEN ACCESS

- speed
 - ✓ earlier availability
- copyright
 - ✓ authors retain copyright (exploitation right)
- visibility
 - ✓ increased visibility and broader diffusion rate
- quality
 - ✓ can even be broadened
- ✓ citation rates
 - ✓ in correlation with the increased visibility
- costs
 - ✓ mid term cost stabilization in the publishing industry

OPEN ACCESS AT ETH ZURICH: THE START

- signing the Berlin Declaration by the Executive Board of ETH Zurich (02/2006)
- decision for an Open Access Policy by the Executive Board (07/2008)
 - ✓ scientists were encouraged to publish OA
 - ✓ the library is the contact point for OA
 - ✓ the policy is focussed on the Green Road
 - ✓ the Golden Road has only second priority (financial support on a project level)

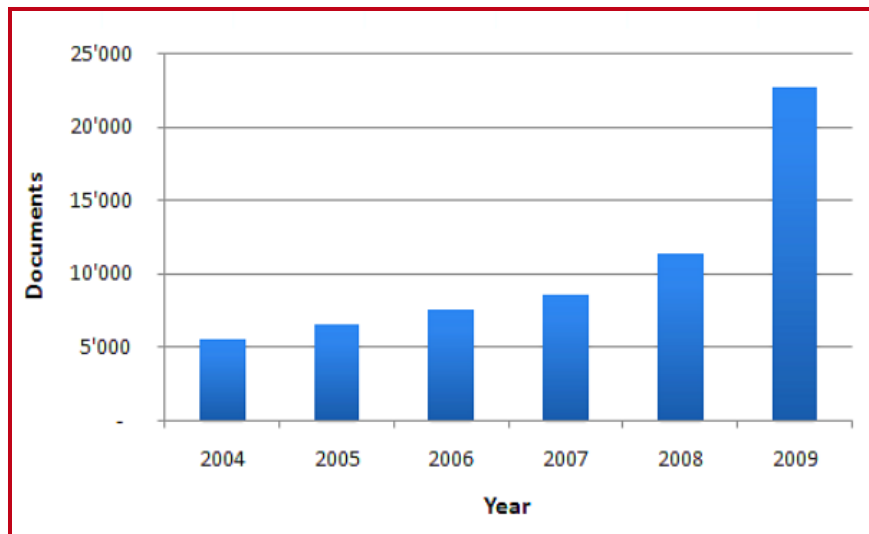
OPEN ACCESS AT ETH ZURICH: PRELIMINARY ACTIVITIES

- establishing a fulltext server for ETH Zurich („easy deposit“)
- change of the ordinance on doctoral studies (delivery of an electronic version is an obligation)
- free access to all dissertation papers of ETH and also other inhouse material (including DOI for every document)
- establishing a special OA unit (within the library)
- dedicated marketing activities (leaflets; brochures; presentations; articles; OA website)
- membership of OA publishing houses (BioMed Central; Public Library of Science)

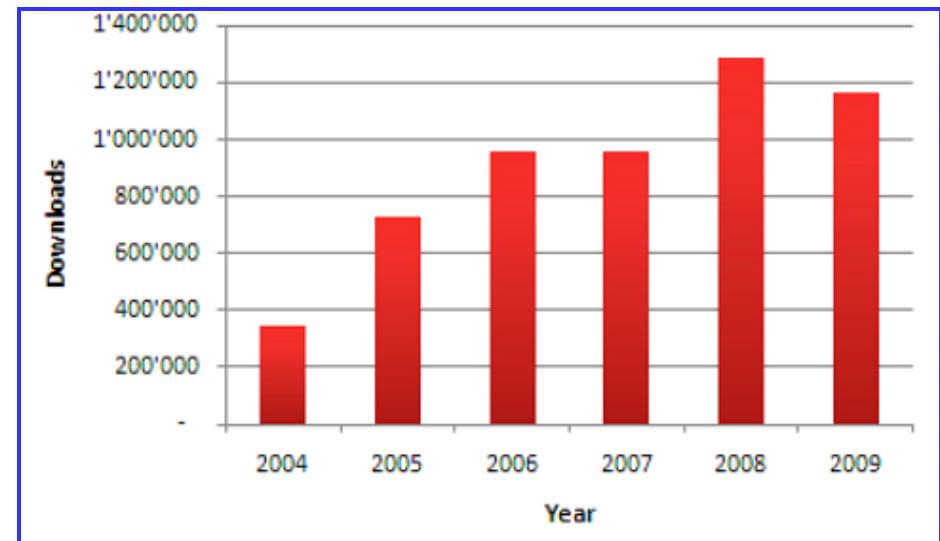
OPEN ACCESS AT ETH ZURICH: THE EVERYDAY WORK (1)

The Green Road: Institutional Repository at ETH Zurich / E-Collection as a first step

content/documents



usage / fulltext downloads




OPEN ACCESS AT ETH ZURICH: THE EVERYDAY WORK (2)


The Green Road: Broadening the scope of the ETH E-collection

- Project E-citations (bibliographic data)
 - ✓ enhancement of the E-collection with already published documents from ETH scientists
 - ✓ about 7.000 documents/year
 - ✓ bibliographic data comes from commercial databases and by author's input of data
 - ✓ the fulltexts comes directly from the scientists
 - ✓ connected to the annual report of ETH Zurich

ETH E-COLLECTION


Sie sind nicht angemeldet. [Anmelden?](#) [English](#) | [Deutsch](#)

 **e-collection**
ETH Institutional Repository

 **ETH**
Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Home Suche Browse Publizieren Über E-Collection Kontakt FAQs

Suche

[Erweiterte Suche](#) um nach mehreren Kriterien zu suchen.

Die ETH E-Collection ist der Dokumentenserver der ETH Zürich. Sie bietet der ETH-Community die Möglichkeit, Forschungsarbeiten zu veröffentlichen und so einem weltweiten Publikum zugänglich zu machen.

[Weiterlesen...](#)

Daily Snapshot

[Combining EEG and MRI for the purpose of imaging neuronal currents in humans](#)
Mandelkow, Hendrik (2009)

[Workflow-based services](#)
Heinis, Thomas (2009)

[Novel hybrid unidirectional three-phase AC-DC converter systems](#)
Mino, Kazuaki (2009)

Browse by

Agrar- und Forstwissenschaften (2251)	Geistes- und Sozialwissenschaften (350)	Umwelt, Verkehr, Geographie (1107)
Allgemeines (0)	Geowissenschaften (2707)	Werkstoffe (1002)
Architektur, Gebaute Umwelt und... (1523)	Informatik (1301)	Wirtschaft, Recht und Politik (1172)
Biologie (4588)	Maschinenbau (828)	Wissenschaft und Technik (103)
Chemie (4559)	Mathematik (1655)	
Elektrotechnik (1414)	Medizin (1801)	
Energietechnik (333)	Physik und Astronomie (2525)	

<http://e-collection.ethbib.ethz.ch/>

ETH-Bibliothek

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

The Green Road: Institutional repositories (IR)

- Real or potential concerns for IR content
 - ✓ Content: What should be provided?
 - ✓ Copyright: What support is available?
 - ✓ Citations: Will the OA versions of articles be cited rather than the publisher versions?

OPEN ACCESS AT ETH ZÜRICH: THE EVERYDAY WORK (4)

The Golden Road: (Pre-)Payment for publication in peer-reviewed journals

- ETH has a prepaid membership for BioMed Central
- ETH is an institutional member of Public Library of Science (PLOS)
 - ✓ to give the scientists an incentive for OA publishing
 - ✓ to support the OA movement
 - ✓ to get experience about modalities and processes

OPEN ACCESS AT ETH ZÜRICH: THE EVERYDAY WORK (5)

The Golden Road: Financial support for scientists Example: BioMed Central

publication year	submitted papers	published articles	fees payed by the library (Euro)*
2006	10	3	3.500
2007	18	9	9.200
2008	32	20	19.600
2009	20	10	8.600

* 20% discount as a GASCO member

OPEN ACCESS AT ETH ZURICH: THE EVERYDAY WORK (6)

The Golden Road: Financial support for scientists Example: BioMed Central

publication year	submitted papers	published articles	membership fee paid by the library (US \$)*
2008	25	11	3.500
2009	68	18	5.000

* This means 10% discount on the regular article fees (from 1.300 to 2.200 US\$)

OPEN ACCESS AT ETH ZÜRICH: IDEAS AND PLANS FOR THE FUTURE

- enhancing the internal workflows to get (all!) postprints, reports from the scientists
- support for the scientists in legal issues before the publication process
- slight increase of the budget for supporting OA publication

OPEN ACCESS AT ETH ZÜRICH: EVALUATION OF THE THE CURRENT SITUATION

- till today OA is not really accomplished in the scholarly publishing process
- there are no applicable strategies how to implement OA comprehensively
- who will pay the (traditional) licence fees and the OA publication fees at the same time
- the commercial publishing houses have already occupied the publishing world
- introducing new (OA) cost models can be very time consuming (Example: Scoap³)

OPEN ACCESS: THE END

Thank you for your attention!