Open access publishing in social sciences: what is new?
EUI OPEN ACCESS WEEK ROUNDTABLE 2017

An event organised by the EUI Library
27 October, 9:30-12:30, Badia Fiesolana

Open Access & Open Metrics
Best practices for Social Sciences

Isidro F. Aguillo
isidro.aguillo@csic.es
**AGENDA**

<table>
<thead>
<tr>
<th><strong>Open Science</strong></th>
<th>Integrating and opening the whole research cycle for everyone</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Open access to papers is not enough</td>
</tr>
<tr>
<td><strong>Open Metrics</strong></td>
<td>Altmetrics “revolution”</td>
</tr>
<tr>
<td></td>
<td>Bibliometricians strike back: DORA, Leiden Manifesto &amp; Metrics 2.0</td>
</tr>
<tr>
<td><strong>Best practices</strong></td>
<td>“Original Sin”: Books, Social Sciences and Humanities, if covered, are highly cited</td>
</tr>
<tr>
<td></td>
<td>Promoting your brand and your output</td>
</tr>
</tbody>
</table>
SCIENCE 2.0

INTEGRATING
the whole research cycle and its stakeholders

‘Globalization’
Sharing everything with everybody
Digital natives scientists

Blurring the lines
Formal & Informal Communication

Data-intensive
Big Open Data

New Stakeholders
Citizen Science

OPENING
the whole set of data, tools, results and metrics

Open Data
Big Data = ∑ Open Data

Transparency
Open Access

Accountability
Metrics 2.0
Evolving from Bibliometrics: Current scenario

- BIBLIOMETRICS: Tested tools and indicators
- ALTMETRICS: Trusteness, Meaning Interpretation
- OPEN ACCESS: Big Data, Social Networks
- Easy BIBLIOMETRICS: DORA Declaration

SWOT Analysis

- STRENGTHS
- WEAKNESSES
- OPPORTUNITIES
- THREATS
I-Metrics

BIBLIOMETRICS
Number of times the bibliographic record (identifier) of a paper/book is cited in another similar formally published paper

ALTMETRICS
Number of times the elements are mentioned (shared) in websites, wikis, blogs, social bookmarks and networks (incl. Twitter) or search engines

WEBOMETRICS
Number of times the URL of a document/author webpage is linked from another webpage

USAGEMETRICS
Number of times the document is read/visited/downloaded from its publishing place (incl. websites)
Is Metrics 2.0 an extended set of Altmetrics indicators?

<table>
<thead>
<tr>
<th>Metric</th>
<th>Source(s)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citation Indicators</td>
<td>Crossref</td>
<td>The number of articles that cite the artifact according to Crossref</td>
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<tr>
<td>Citation Indices</td>
<td>PubMed Central</td>
<td>The number of PubMed Central articles that cite the artifact</td>
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<tr>
<td>Citation Indices</td>
<td>PubMed Central Europe</td>
<td>The number of PubMed Central Europe articles that cite the artifact</td>
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<tr>
<td>Citation Indices</td>
<td>RePEc</td>
<td>The number of RePEc works that cite the artifact as compared by CiTEC</td>
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<tr>
<td>Citation Indices</td>
<td>Scopus</td>
<td>The number of articles that cite the artifact according to Scopus</td>
</tr>
<tr>
<td>Citation Indices</td>
<td>SSRN</td>
<td>The number of SSRN works that cite the artifact</td>
</tr>
<tr>
<td>Patent Citations</td>
<td>USPTO</td>
<td>The number of patents that reference the artifact according to the United States Patent and Trademark Office</td>
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<tr>
<td>Clinical Citations</td>
<td>Dynamed Plus Topics</td>
<td>The number of Dynamed Plus Topics that reference the artifact</td>
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<tr>
<td>Clinical Citations</td>
<td>PubMed Clinical Guidelines</td>
<td>The number of Clinical Guidelines from PubMed that reference the artifact</td>
</tr>
<tr>
<td>Clinical Citations</td>
<td>National Institute for Health and Care Excellence (NICE) - UK</td>
<td>The number of Clinical Guidelines from NICE that reference the article</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Metric</th>
<th>Source(s)</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>Bookmarks</td>
<td>Delicious</td>
<td>Number of times an artifact has been bookmarked</td>
</tr>
<tr>
<td>Favorites</td>
<td>Slideshare, YouTube</td>
<td>The number of times the artifact has been marked as a favorite</td>
</tr>
<tr>
<td>Followers</td>
<td>GitHub</td>
<td>The number of times a person or artifact has been followed</td>
</tr>
<tr>
<td>Forks</td>
<td>GitHub</td>
<td>The number of times a repository has been forked</td>
</tr>
<tr>
<td>Readers</td>
<td>Goodreads, Mendeley</td>
<td>The number of people who have added the artifact to their library</td>
</tr>
<tr>
<td>Experts/Saves</td>
<td>EBSCO</td>
<td>This includes the number of times an artifact's citation has been exported direct to bibliographic management tools or as file downloads, and the number of times an artifact's citation/abstract and HTML, full text (if available) have been saved, emailed or printed.</td>
</tr>
<tr>
<td>Subscribers</td>
<td>Vimeo, YouTube</td>
<td>The number of people who have subscribed for an update</td>
</tr>
<tr>
<td>Watchers</td>
<td>Github</td>
<td>The number of people watching the artifact for updates</td>
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<table>
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<th>Metric</th>
<th>Source(s)</th>
<th>Description</th>
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<td>The number of times the abstract of an article has been viewed</td>
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<tr>
<td>Clicks</td>
<td>bit.ly</td>
<td>The number of clicks of a URL</td>
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<tr>
<td>Collaborators</td>
<td>GitHub</td>
<td>The number of collaborators of an artifact</td>
</tr>
<tr>
<td>Downloads</td>
<td>Arhi Library, bepress, Dryad, eDispace, ePrints, figshare, GitHub, Institutional Repositories, Pure, RePEc, Slideshare, SSRN</td>
<td>The number of times an artifact has been downloaded</td>
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<tr>
<td>Full Text Views</td>
<td>CABI, EBSCO, OJS Journals, PLOS</td>
<td>The number of times the full text of an article has been viewed</td>
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<td>Holdings</td>
<td>WorldCat</td>
<td>The number of libraries that hold the book artifact</td>
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<td>HTML Views</td>
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<td>Link Outs</td>
<td>EBSCO</td>
<td>The number of times an outbound link has been clicked to a library catalog or link resolver</td>
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<tr>
<td>Plays</td>
<td>Vimeo, YouTube</td>
<td>The number of times the a video has been played</td>
</tr>
<tr>
<td>PDF Views</td>
<td>EBSCO, PLOS, PubMedCentral</td>
<td>The number of times the PDF of an artifact has been viewed</td>
</tr>
<tr>
<td>Sample Downloads</td>
<td>EBSCO</td>
<td>The number of times an artifact's content has been sampled (e.g., pages, MP3)</td>
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<tr>
<td>Supporting Data Views</td>
<td>EBSCO, PLOS</td>
<td>The number of times the supporting data of an artifact has been viewed</td>
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<tr>
<td>Views</td>
<td>Dryad, EBSCO, figshare, Slideshare</td>
<td>The number of times the artifact has been viewed</td>
</tr>
</tbody>
</table>
Is Metrics 2.0 a composite ‘Altmetric’ indicator?

https://bmj.altmetric.com/details/7133536
A new paradigm

**Publish or Perish**

PUBLISH

Papers
(a lot of)

High IF Journals

IMPACT

Citations

**Open Science**

SHARING

Methods

Tools

OA Journal

Repositories

IMPACT

Citations

Cooperation

Visibility
Usage

Replication
Reuse

Data

0101
1010
0010

Data

OPEN
PEER REVIEW

Preprint

OA Paper

Repositories

Social Networks

Academia
Linkedin

GitHub

Twitter

R

figshare

Cybermetrics Lab
San Francisco

DORA

Declaration on Research Assessment

General Recommendation

1. Do not use journal-based metrics, such as Journal Impact Factors, as a surrogate measure of the quality of individual research articles, to assess an individual scientist's contributions, or in hiring, promotion, or funding decisions.
Bibliometricians strike back

Leiden Manifesto

• Quantitative evaluation should support expert assessment
• Measure performance in accordance with the research mission
• Protect excellence in locally relevant research
• Keep data collection and analytical processes open, transparent and simple.
• Allow for data verification
• Account for variation by field in publication and citation practices
• Data should be interpreted taking into account the difficulty of credit assignment in the case of multi-authored publications
• Base assessment of individual researchers on qualitative judgment.
• False precision should be avoided (eg. the JIF).
• Systemic effects of the assessment and the indicators should be taken into account and indicators should be updated regularly

http://www.leidenmanifesto.org/
Evaluators ask for Responsible Metrics

The Metric Tide

- **Robustness**: basing metrics on the best possible data in terms of accuracy and scope
- **Humility**: recognizing that quantitative evaluation should support – but not supplant – qualitative, expert assessment
- **Transparency**: keeping data collection and analytical processes open and transparent, so that those being evaluated can test and verify the results
- **Diversity**: accounting for variation by field, using a variety of indicators to reflect and support a plurality of research & researcher career paths
- **Reflexivity**: recognizing the potential & systemic effects of indicators and updating them in response

https://responsiblemetrics.org/the-metric-tide/
Translating into practical quantitative-based assessments

<table>
<thead>
<tr>
<th>Multi-source</th>
<th>New bibliometric sources, specially from developing countries</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Non-bibliometric sources too!</td>
</tr>
<tr>
<td>Multi-dimension</td>
<td>Involving all aspects of the research cycle</td>
</tr>
<tr>
<td></td>
<td>Involving all facets of communication and impact</td>
</tr>
<tr>
<td>Better attribution</td>
<td>Of authors roles and contributions</td>
</tr>
<tr>
<td></td>
<td>Of resources, funding and policies involved</td>
</tr>
<tr>
<td>Excellence-guided</td>
<td>More relative indicators and ranks</td>
</tr>
<tr>
<td></td>
<td>From quartiles journal-based to top cited papers (1%, 5%, 10%)</td>
</tr>
</tbody>
</table>
Changing the focus

Expired!
Bibliometrics issues: The (lack of) Context

Hint: Check the ACUMEN EU-project proposal for a Personal Portfolio
A few options

**IDENTIFIER**
- YES!
- Proprietary
- Not really
- Not relevant
- I hate handles

**COVERAGE**
- Who cares?
- Incomplete
- Large
- Not the aim, OA first

**METRICS**
- NO
- Expensive
- Biased
- Unreliable
- Easy to Manipulate
- YES
- …. 
- What they are waiting for?

**PROFILES**
- More or less
- Poor
- Rich
- Missed Opportunity?
- CRIS?
But, are reliable the academic networks indicators?
Original Sin: The Coverage

Scopus

Closa, Carlos
Consejo Superior de Investigaciones Científicas, Instituto de Políticas y Bienes Públicos, Madrid, Spain
Author ID: 2294961500
http://orcid.org/0000-0002-2935-1926

Documents: 15
Citations: 99 total citations by 89 documents
h-index: 5
Co-authors: 2
Subject area: Social Sciences, Business, Management and Accounting

Web of Science

Total Publications: 8
h-index: 3
Sum of Times Cited: 59
Average citations per item: 7.38
Citing articles: 56
Without self citations: 55

Google Scholar

Carlos Closa
CSIC-IPP
Verified email at csic.es - Homepage
Political Science, Public Law

Cited by

VIEW ALL

Citations
All: 1690
Since 2012: 614
h-index
All: 20
Since 2012: 12
i10-index
All: 29
Since 2012: 16
In fact, both Books and Social Sciences are highly cited.
Relative Indicators (by discipline, country)

<table>
<thead>
<tr>
<th>Country</th>
<th>Documents</th>
<th>Citations</th>
<th>Self-Citations</th>
<th>Citations per Document</th>
<th>H index</th>
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<td>United States</td>
<td>52325</td>
<td>652910</td>
<td>275019</td>
<td>12.48</td>
<td>264</td>
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<tr>
<td>United Kingdom</td>
<td>12664</td>
<td>123548</td>
<td>30132</td>
<td>9.76</td>
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<tr>
<td>China</td>
<td>8506</td>
<td>38816</td>
<td>18336</td>
<td>4.56</td>
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<tr>
<td>Canada</td>
<td>5672</td>
<td>69184</td>
<td>10381</td>
<td>12.20</td>
<td>100</td>
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<tr>
<td>Germany</td>
<td>5282</td>
<td>52857</td>
<td>10063</td>
<td>10.01</td>
<td>83</td>
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<tr>
<td>Australia</td>
<td>4540</td>
<td>40352</td>
<td>7116</td>
<td>8.89</td>
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<td>Spain</td>
<td>3947</td>
<td>26436</td>
<td>8673</td>
<td>6.70</td>
<td>59</td>
</tr>
</tbody>
</table>

Isidro F. Aguillo
Author/Discipline/Country

56  432  7.71  1 (>59)
1.4% 1.6% 115% 1.7%
Rankings: “Stick and carrot”: But only ¼ registered!

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
<th>Citations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Philippe C. Schmitter</td>
<td>Emeritus Professor, European University Institute</td>
<td>41660</td>
</tr>
<tr>
<td>Hans-Peter Blossfeld</td>
<td>Prof. für Soziologie Universität Bamberg &amp; Prof. of Sociology European University Institute</td>
<td>26019</td>
</tr>
<tr>
<td>Hanspeter Kriesi</td>
<td>European University Institute</td>
<td>21965</td>
</tr>
<tr>
<td>juan j dolado</td>
<td>Professor of Economics, EUI</td>
<td>18068</td>
</tr>
<tr>
<td>Martin Kohli</td>
<td>European University Institute</td>
<td>17844</td>
</tr>
<tr>
<td>Bernard Hoekman</td>
<td>European University Institute</td>
<td>17262</td>
</tr>
<tr>
<td>fabio canova</td>
<td>European University Institute</td>
<td>12375</td>
</tr>
<tr>
<td>Rainer Baubock</td>
<td>Professor of Social and Political Theory, European University Institute</td>
<td>8548</td>
</tr>
<tr>
<td>Dennis Patterson</td>
<td>European University Institute</td>
<td>8265</td>
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</tbody>
</table>

Keywords:
- Political Science
- Comparative Politics
- European Union
- Latin America
- Democratization
- Sociology
- Family
- Social Stratification
- Education
- Statistical Methods
- Comparative Politics
- Political Behavior
- Social Movements
- Political Communication
- Econometric Theory
- Labor Economics
- Sociology
- Welfare State
- Family
- Generations
- Macroeconomics
- Econometrics
- Fluttuazioni Cicliche
- Political Theory
- Comparative Political Science
- Citizenship Studies
- Migration Studies
- Neuroscience
- Law
- International Trade
- Legal Theory
- Jurisprudence
## Promoting visibility for Social Sciences community

### Build a brand
- Profile yourself!
- Rich local and external contents

### Publish in Open Access
- Several models: Gold (with and without APCs), Green (Repositories)
- Everything: Formal (papers, books); Informal (reports, blogs, …)

### Disseminate your output
- Short impact: General social tools
- Long-term impact: Academic networks, Wikipedia, YouTube
Proposing a successful strategy

**Branding**
- Institutional
  - Personal page
  - Repository / CRIS
- External
  - Social Networks
  - Subject, data and other repositories

**Publish**
- Formal
  - Papers
  - Books
- Informal
  - Reports
  - Blogs
  - Portals, directories, wikis (Wikipedia)

**Disseminate**
- Alerts (Email, Forums, Websites)
- Twitter
- Notes for the Press
- General social
- Academic social

**Monitor**
- Metrics
  - Analyze
  - Customize
  - Make public

Track and engage with visitors
Brand: You need an identifier

Zaida Chinchilla-Rodríguez

ORCID ID
orcid.org/0000-0002-1608-4478

Also known as
Chinchilla-Rodríguez, Zaida, Zaida Chinchilla-Rodríguez, C., Chinchilla-Rodríguez, zaida, Chinchilla-Rodríguez, Z., Rodríguez, Zaida Chinchilla, Rodriguez, ZC

Country
Spain

Keywords
Scientometrics, Scholarly Communication, Research Evaluation

Websites

Biography
PhD in Information Science. I have a permanent position as Associate Research Professor at the Spanish National Research Council (CSIC) - Institute of Public Goods and Policies (IPP) in Madrid (Spain). Member of the SCImago Research Group.

My major research areas are scientometric analyses of different scientific domains for specific problem resolution and to facilitate decision-making processes; analysis of scientific collaboration and its impact on scientific results; methodological proposals oriented to the design of indicators and information systems.

Education (1)

Universidad de Granada: Granada, Spain
2004 | PhD (Information Science)
Source: Zaida Chinchilla-Rodríguez Created: 2014-12-08

Employment (3)

Consejo Superior de Investigaciones Científicas: Madrid, Spain
2008 to present | Associate Research Professor (Science and Innovation)
Source: Zaida Chinchilla-Rodríguez Created: 2015-05-05

Universidad de Granada: Granada, Andalucía, Spain
2004 to 2008 | Postdoctoral Fellowship (SCImago Research Group)
Source: Zaida Chinchilla-Rodríguez Created: 2015-05-05

SCImago Research Group: Granada, Madrid, Spain
2000 to present | Researcher
Source: Zaida Chinchilla-Rodríguez Created: 2016-10-14

Works (60)

Identification and visualization of the intellectual structure and the main research lines in nanoscience and nanotechnology at the worldwide level
A personal page too!

INSTITUTIONAL

Signature
Affiliation

University web domain
University email address

Standard full length name
Complete affiliation (University, City, Country)

Free text description with key aspects about current, previous positions & experience

Full and short CVs
Papers, Reports, Chapters (Books), Syllabi, Data, Photos, Videos

Dynamic contents: News, Blog
Twitter
Portal of external resources
Metrics

Documents for download

Narratives

Other
Personal pages at EUI

Federico Romero

Professor of History of Post-War European Cooperation and Integration

Director of the ERC project PanEur1970s

• Extended CV
• Publications

Fields of research

• 20th Century International and Transnational History
• European Integration
• Cold War
• Trans-Atlantic relations
• US History
• Migrations

Current research projects

• Looking West: the European Socialist regimes facing pan-European cooperation and the European Community (PanEur1970s) - project funded by the European Research Council
• Détente and European Integration
• Trans-Atlantic Relations in the Cold War Era
• Constructions of Europe's Post-imperial Identity

Contacts

Tel. [+39] 056 4686 606 / 548
Email: Federico.Romero@EUI.eu

Languages

• Italian
• English

Other HEC Professors

• Youssuf Cassis
• Laura Lee Downs
• Alexander Ettori
• Jorge Flores
• Regina Graf

Selected recent publications


Statistics for managers

Created with Xenu Link Sleuth 1.3.8 on October 23, 2017 at 09:18:48

Root URL: https://www.eui.eu/DepartmentsAndCentres/HistoryAndCivilization/People/Professors/Romero

<table>
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<tr>
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<th>count</th>
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<th>Σ size</th>
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<td>text.html</td>
<td>26 URLs</td>
<td>100.00%</td>
<td>940418 Bytes</td>
<td>(918 KB)</td>
<td>100.00%</td>
</tr>
<tr>
<td>Total</td>
<td>26 URLs</td>
<td>100.00%</td>
<td>940418 Bytes</td>
<td>(918 KB)</td>
<td>100.00%</td>
</tr>
</tbody>
</table>
For example: A “3200 pages” personal website

https://gking.harvard.edu/
Biochemical, serological, and genetic characterisation of *Renibacterium salmoninarum* isolates recovered from salmonids in Chile

Social: Choose your poison

GENERAL
- Facebook
- LinkedIn
- Google+
- Others (VK)

ACADEMIC
- Google Scholar
- ResearchGate
- Academia
- Mendeley

WIKIPEDIA
- Local Language
- English

DEPOSITS
- SlideShare
- GitHub
- FigShare
- ScriBD

BLOGGING
- Twitter
- YouTube
A few tricks: Followers & Following
Web is rich: Exploiting other sources

European University Institute

From Wikipedia, the free encyclopedia

The European University Institute (EUI) in Florence, Italy, is an international postgraduate and post-doctoral teaching and research institute established by European Union member states to contribute to cultural and scientific development in the social sciences, in a European perspective.

Contents [hide]
1 Departments and centres
   1.1 Department of Economics
   1.2 Department of History and Civilization
   1.3 Department of Law
   1.4 Department of Political and Social Sciences
   1.5 Robert Schuman Centre for Advanced Studies
      1.5.1 Global Governance Programme
      1.5.2 Florence School of Regulation
      1.5.3 European Union Democracy Observatory
      1.5.4 Migration
      1.5.5 Centre for Media Pluralism and Media Freedom
2 Historical Archives of EU
3 Doctoral and master programmes
   3.1 Doctoral Programme
      3.1.1 Grants and fees
Former presidents [edit]
- Max Kohlmann, Netherlands
- Werner Masteler, Germany
- Emile Noel, France
- Patrick Masterson, Ireland
- Yves Migny, France
- Josep Borrell Fontelles, Spain
- Marie Crenora, United Kingdom
- J.H.H. Weiler, United States

Distinguished former faculty [edit]
- Philip Astin, Law
- Giuliano Amato, Law
- Anindya Banerjee, Economics
- Jean Blondel, Political science
- Richard Been, Sociology
- Giorda Bozza, History
- John Brewer, History
- Kirit N. Chaudhuri, History
- Carlo Cipolla, History
- Colin Crouch, Sociology
- Maurice Cranston, Political philosophy
- Hans Daalder, Political science
- Terence Dantith, Law
- Graeme de Burca, Law
- Donatella della Porta, Sociology
- Klaus Eder, Sociology
- Claus Dierer Ehremann, Law
- Giusta Esping-Andersen, Sociology
- Sargio Fabbri, Political science
- Peter Flora, Sociology
- Klaus Hept, Law
- Christian Joerges, Law
- Seren Johansen, Economics
- Steven Lukes, Political philosophy
But Open Access is needed too…
Summarizing

1. **Publish**
   As much as possible, in an open access fashion, using the standards (and popular) formats

2. **International**
   A good version in English (no automatic translation) or even better as master language text

3. **Connect**
   Link rich texts, preferably including both internal and external outlinks

4. **Deposit**
   First option, your institutional repository. If not available the closest option and as soon as possible

5. **Market**
   Use forums, lists, blogs and any other way to inform third-parties of your activities and results

6. **Positioning**
   Check the results in Google and apply SEO techniques for improving the position for your preferred keywords

7. **Follow**
   Review your visitors, their origin, activities and their reasons for visiting your profile

**Update**
New contents every day, updating texts, adding documents or answering requests
Questions?

Thank you!