

Self-archiving of research papers

Lion Hirth

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Lion Hirth, Falko Ueckerdt, Ottmar Edenhofer

[▶ Abstract](#)**\$35.95**

Access to papers is key

- Promoting papers is key for impact, citations, feedback
- Access to many journals is difficult for researchers (including us)
- Access to journals is even more difficult for practitioners (policy makers, industry analysts, NGOs, journalists)
- Self-archiving can offer a way out
- Pre publication (working paper)
 - disseminate research results quickly
 - get feedback
 - proof authorship
- Post publication (“postprint”)
 - disseminate research to a wider audience

Self-archiving

Self-archiving is the act of (the author's) **depositing a free copy of an electronic document on the Internet**, in order to provide **open access** to it.

[...] deposited **in the author's own institutional repository or open archive** for the purpose of maximizing its accessibility, usage and **citation impact**.

The term **green open access** has become common in recent years, distinguishing this approach from **gold open access**, where the journal itself makes the articles publicly available without charge to the reader.

<http://en.wikipedia.org/wiki/Self-archiving>

Self-archiving: questions

What to archive?

- working paper (prior to submission)
- “preprint” (first submission, prior to first review)
- “postprint” / accepted manuscript (final submission, after final review)
- publisher’s PDF (typeset)
- → sometimes confusing terminology

Where to archive?

- personal homepage (e.g., MCC, PIK, private site)
- non-commercial deposit (RePEc, arXiv)
- commercial deposit (ResearchGate)
- funding bodies
- multiple
- access to source? (e.g. to change cover page)

When to archive?

- prior publication
- post publication
- after embargo period

What to add?

- license (e.g. Creative Commons 4.0 BY-NC-ND)
- link to publication (e.g., with DOI)
- anything else that matters to you (advertisement)
- often required by journals

Journal requirements

| | |
|--------------------------|---|
| Journal: | Energy Economics (ISSN: 0140-9883) |
| RoMEO: | This is a RoMEO green journal |
| Paid OA: | A paid open access option is available for this journal. |
| Author's Pre-print: | ✓ author can archive pre-print (ie pre-refereeing) |
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- a great source for information: <http://www.sherpa.ac.uk/romeo>
- violating journal restrictions (widely done) is breaching the copyright agreement

Problems

- some (engineering and other) journals haven't heard of the concept of working papers → risk of desk rejection
- mistakes can lead to (unwillingly) breaking copyright agreements
- extra work

Which services do you use to search for papers?

Multiple answers possible (of course)

- Google Scholar?
- RePEC?
- arXive?
- ScienceDirect?
- Library website?

What I do

Publish working papers early (pre-publication)

- FEEM working paper series
- USAEE working paper series
- EUI working papers series (by invitation)
- Munich Personal RePEc Archive (MPRA) → access to RePEc [planned] (RePEc is an index of working papers and articles, without direct upload access)
- and/or arXiv [planned]
- → sometimes multiple versions (can lead to confusion)

Provide open access post prints (post-publication)

- post-prints of all journal publication at PIK
- post-prints of all journal publication on my personal homepage
- post-prints of all journal publication on MPRA and/or arXiv [planned]
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[L Hirth](#), [F Ueckerdt](#), [O Edenhofer](#) - [Renewable Energy](#), 2015 - Elsevier

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The Market Value of Variable Renewables:

The Effect of Solar and Wind Power Variability on their Relative Price

Lion Hirth

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Previous versions:

- *USAEE Working Paper 2110237*.
- *EUI Working Paper 2013/36*.
- *FEEM Working Paper 2012.015*.

Find more articles on the economics of wind and solar power on www.neon-energie.de/publications.

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