



Data Journals Session

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What is a data journal?

Why is it called “journal” and to what extent is it different from a traditional journal?

Why do we need data journals?

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“**Data journals** are publications whose primary purpose is to expose datasets by providing the infrastructure and scholarly reward opportunities that will encourage researchers, funders and data centre managers to share research data outputs.”

<http://www.ands.org.au/guides/data-journals>

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“As the primary purpose of **data journals** is to expose and share research data, this form of publishing may be of interest to researchers and data producers for whom data is a primary research output. It enables the author (or data producer) to focus on describing the data itself, rather than producing an extensive analysis of the data.[...] Publishing a data paper may be regarded as best practice in data management as it includes an element of peer review of the dataset; maximises opportunities for reuse of the dataset; provides academic accreditation for data scientists as well as front-line researchers.”

<http://www.ands.org.au/guides/data-journals>



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Data paper: “scholarly publication of a searchable metadata document describing a particular online accessible data set, or a group of data sets, published in accordance to the standard academic practices.”

Chavan & Peney, 2011 quoted in “Data journals: a survey”, 2015:

<http://onlinelibrary.wiley.com/doi/10.1002/asi.23358/abstract>

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Data paper: “This artefact is homologous with articles for traditional journals; it is expected to have an identifier and a content with title, authors, abstract, number of sections, and references.”

“Data journals: a survey”, 2015:

<http://onlinelibrary.wiley.com/doi/10.1002/asi.23358/abstract>



Presentation

Do we still need peer-review? Data journals as a way of reconsidering our evaluation culture and our understanding of research

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**Reconsidering scholarly publications in the digital age:
2 position papers (in German)**

http://dhd-wp.hab.de/?q=content/empfehlungen_ag_digitales_publicisieren

<https://www.merkurzeitschrift.de/2016/10/24/siggenthesen>



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Guardian Higher Ed on Peer Review (among many other contributions on the topic):

<https://www.theguardian.com/science/2016/sep/21/cut-throat-academia-leads-to-natural-selection-of-bad-science-claims-study>

<https://www.theguardian.com/science/2011/sep/05/publish-perish-peer-review-science>

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The episciences platform

episciences.org

Our sandbox:

datajournal.episciences.org



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Examples of living reviews

http://zope.mpiwg-berlin.mpg.de/living_einstein/reviews

Commercial use: <https://www.scienceopen.com/>

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Current test repositories

<https://www.ortolang.fr/>

<https://www.nakala.fr/>

Soon also: <http://www.deutschestextarchiv.de/>

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Examples of data journals

With episciences: <http://episciences.org/page/journals>

A selection of other data journals:

<https://www.cms.hu-berlin.de/de/dl/dataman/teilen/dokumentation/datajournal>

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Hands-on session

Let's play!

<http://datajournal.episciences.org/>



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Hands-on session

4 groups:

Group 1: create a rating grid (Marie)

Group 2: define the form of peer review (Anne)

Group 3: write a rationale for the journal (Anne)

Group 4: find potential resources (Marie)