



INTRODUCTION TO THE CONCEPT OF DATA JOURNALS

Data Notes on ORE: maximizing the visibility & discoverability of research data
(Tuesday 25 October 2022, 14:00 CEST)



DATA ARTICLES



DATA ARTICLE NAMES

- Data article
- Data paper
- Data report
- Data descriptor
- Data in brief
- Data note
- Data original article
- Database article
- Database paper
- Dataset paper

Read more: Candela, L., Castelli, D., Manghi, P., & Tani, A. (2015). Data journals: A survey. *Journal of the Association for Information Science and Technology*, 66(9), 1747-1762.

<https://doi.org/10.1002/asi.23358>



WHAT IS A DATA ARTICLE?



“Data articles are peer-reviewed, citable papers that describe research data. The datasets themselves must be freely accessible to readers and accessible during the peer-review process.”

Data articles present and describe research data, enhancing their visibility and potential for reuse, but without conclusions or analyses. This allows authors to get published, citable credit for their work in generating research data. Publishing a data article does not prevent an author from publishing research papers using that data at a later date.”

<https://support.springer.com/en/support/solutions/articles/6000237625-data-article-and-data-publishing>



WHAT IS A DATA ARTICLE?



ELSEVIER

“Data articles are short, digestible descriptions of research data that have been made publicly available, either through a repository or directly within the data article that makes it easier to comprehend and reuse.”

<https://www.journals.elsevier.com/data-in-brief/about-data-in-brief/data-in-brief-faq>



DATA JOURNALS

SCIENCE MAKES
BUSINESS
BLOOM

UNIVERSITY OF HELSINKI



DATA JOURNALS

“Data journals are scholarly journals that publish datasets or data papers.”

Western Michigan University Libraries, <https://libguides.wmich.edu/datasci/datajournals>

“Data journals are those that publish data reports on a regular basis, either exclusively or as a primary article type.”

Walters, W. H. (2020). Data journals: Incentivizing data access and documentation within the scholarly communication system. *Insights*, 33(1).



DATA JOURNALS

- First data journal was established in 1950's, most of them at 21st century
- Most data journals are peer-reviewed.
- Some of them have Impact Factor.

“Data journals bring data publishing into the mainstream of scholarly communication.”
(Walters, W. H. 2020)



THANK YOU!