



DATA JOURNAL

Prepared by: **Zubaidah Iberahim (Dr.)**
Research and Information Services Division,
Perpustakaan Sultan Abdul Samad, Universiti Putra Malaysia

Data Journal

Data journals are publications whose primary purpose is to expose datasets. They enable the author to focus on the data itself, rather than producing an extensive analysis of the data which occurs in the traditional journal model.

Fundamentally, data journals seek to:

- promote scientific accreditation and re-use
- improve transparency of scientific method and results
- support good data management practices and
- provide an accessible, permanent, and resolvable route to the dataset.

(Sources: <https://blogs.cranfield.ac.uk/library/data-journals/>)

Other useful information on data journals;

- | | |
|--|--|
| <ul style="list-style-type: none">▪ Video: Discover the benefits of publishing your research data article with Data in Brief▪ Data Sharing in Economics Opportunities and Limitations▪ Data Journals: A Survey | <ul style="list-style-type: none">▪ Managing and Sharing Research Data▪ How to Cite Datasets and Link to Publications▪ Future Proof and FAIR Research Data: Open Data Management Best Practices and First Steps (Hands-On Session) |
|--|--|

Below is a list of the data journals, the recommended listing is based solely on individual opinions and therefore do not necessarily represent the opinion of Perpustakaan Sultan Abdul Samad (PSAS) or any authorised or organisation entity. Ultimately it is up to each author/ researcher to make the final decision on where to publish. Through the internet searches here are some information gathered.

[Geoscience Data Journal](#)

Geoscience Data Journal provides an Open Access platform where scientific data can be formally published, in a way that includes scientific peer-review. Thus the dataset creator attains full credit for their efforts, while also improving the scientific record, providing version control for the community and allowing major datasets to be fully described, cited and discovered.

Scopus:

Coverage years: from 2015 to Present
 Publisher: Wiley-Blackwell
 E-ISSN: 2049-6060

JCR: 2020; Q4 **ERA:** -

[Journal of Chemical and Engineering Data](#)

Journal of Chemical and Engineering Data is a monthly journal devoted to the publication of data obtained from both experiment and computation, which are viewed as complementary. It is the only American Chemical Society journal primarily concerned with articles containing data on the phase behavior and the physical, thermodynamic, and transport properties of well-defined materials, including complex mixtures of known compositions. The Journal of Chemical & Engineering Data encourages manuscripts that report on consequential (relevant, comprehensive, and robust) data and place these data into context by addressing what can be learned from differences and similarities to prior published data on related systems.

Scopus:

Scopus coverage years: from 1956 to Present
 Publisher: American Chemical Society
 ISSN: 0021-9568
 E-ISSN: 1520-5134
JCR: 2020; Q3 **ERA:** 2018

[Scientific Data](#)

Scientific Data is a peer-reviewed, open-access journal for descriptions of scientifically valuable datasets, and research that advances the sharing and reuse of scientific data.

Scopus:

Scopus coverage years: from 2014 to Present
 Publisher: Springer Nature
 E-ISSN: 2052-4463

JCR: 2020; Q1 **ERA:** 2018

[Biodiversity Data Journal \(BDJ\)](#)

Biodiversity Data Journal (BDJ) is a community peer-reviewed, open access journal, designed to accelerate publishing, dissemination and sharing of biodiversity-related data of any kind. All structural elements of the articles – text, morphological descriptions, occurrences, data tables, etc. – are treated and stored as data. The journal publishes papers in biodiversity science containing taxonomic, floristic/faunistic, morphological, genomic, phylogenetic, ecological or environmental data on any taxon of any geological age from any part of the world. BDJ aims at integrating data and narrative in the article content to the maximum extent possible. Supplementary data files that underpin graphs, hypotheses and results should also be published with the article or deposited in trusted open access data repositories. The journal provides rich biodiversity data import and export facilities through the ARPHA Writing Tool and Darwin Core Archives.

Scopus:

Scopus coverage years: from 2013 to Present
 Publisher: Pensoft Publishers
 E-ISSN: 1314-2828

JCR: 2020; Q3 **ERA:** 2018

[Earth System Science Data \(ESSD\)](#)

Earth System Science Data (ESSD) is an international, interdisciplinary journal for the publication of articles on original research data (sets), furthering the reuse of high-quality data of benefit to Earth system sciences. The editors encourage submissions on original data or data collections which are of sufficient quality and have the potential to contribute to these aims.

Scopus:

Scopus coverage years: from 2009 to Present

Publisher: Copernicus

ISSN: 1866-3508

E-ISSN: 1866-3516

JCR: 2020; Q1 ERA: 2018

[The Journal of Open Health Data \(OPHD\)](#)

The Journal of Open Health Data (OPHD) is an international, peer reviewed, open access data journal. OPHD publishes data papers, concise descriptions of any kind of health and medical datasets and where to find them. A data paper is a publication that is designed to make other researchers aware of data that is of potential use to them for scientific and educational purposes.

E-ISSN: 2054-7102