

Open Research at AGU and Wiley

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AGU's position statement on data affirms that

"Earth and space science data are a **world heritage**, and an essential part of the science ecosystem. All players in the science ecosystem—researchers, repositories, publishers, funders, institutions, etc.—should work to **ensure that relevant scientific evidence is processed, shared, and used ethically, and is available, preserved, documented, and fairly credited."**

https://www.agu.org/Share-and-Advocate/Share/Policymakers/Position_Statements/Position_Data

AGU Data & Software Sharing Guidance

What is covered:

- What data needs to be available?
- Repository Selection
- Availability Statement
- Data & Software Citation
- Citation Formatter
- Models & Simulations
- Journal Specific Guidance
- International Geo Sample Numbers
- Data Help Desk



https://www.agu.org/Publish-with-AGU/Publish/Author-Resources/Data-and-Software-for-Authors





HOME AGU IN THE NEWS LATEST FROM SOCIAL EVENTS & DEADLINES ABOUT

« All Events

This event has passed.



Webinar: Data & Software Sharing Guidance for Early Career Researchers: AGU Journal Requirements



https://zenodo.org/communities/agu-data-leadership

Journal Data Policies: Getting started with a Framework and Examples from Society Journals

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Host and Moderator:

Leah Rae McEwen, Chemistry Librarian, Cornell University; IUPAC

Speakers:

lain Hrynaszkiewicz, Director for Open Research Solutions, PLOS and Co-author of the Research Data Policy Framework for All Journals and Publisher

Jake Yeston, Editor for Physical Sciences Research, Science/AAAS

Randy Townsend, Director of Publications Operations, American Geophysical Union



















INTERNATIONAL UNION OF PURE AND APPLIED CHEMISTRY





Announcing the Launch of the AGU Data **Leadership Program Website**

JUNE 14, 2021

Today, June 14, 2021, we are announcing the launch of the AGU Data Leadership Program website. The website provides the Earth, space, and environmental science community with information on the latest work within AGU's Data Leadership Program as well as highlights and links from other community work around best practices that

https://data.agu.org/

RAiD | NSF | Repositories | Jupyter/R | Data Citation Community of Practice | Model Rubric | FAIR Workflows | Digital Presence Software Citation | CARE Principles | AI/ML Checklist/Cookie Cutter

Open Data, Better Research

Sharing data leads to better research outcomes

- Improved transparency
- Accelerated pace of discovery
- · Improved return on investment
- · Research can be independently verified and reproduced in future

With Open Data, we can facilitate faster and more effective research discovery.

There is also encouraging evidence that it has a positive impact on the visibility of the research article¹.

¹The citation advantage of linking publications to research data





Availability Statements



Find out more about how Wiley is supporting Open Research here.



Expects Data Policy

	Encourages Data Sharing	Expects Data Sharing	Mandates Data Sharing	Mandates Data Sharing and Peer Reviews Data
Policy Level:	Entry	Intermediate	Advanced	Top-end
Suited for Research communities in which data sharing is the norm				(1000)
Suited for Research communities where data sharing is not common	000000	IIIII	11111	
Data availability statement is published	Optional	Required	Required	Required
Data has been shared	Optional	Optional	Required	Required
Equivalent to TOP level:	N/A	1	2	3



Where do we go from here?

Complexity

- Communicating research is complex.
- Authors face a wide range of requirements and barriers to get their work published.
- How do we introduce additional requirements without creating additional challenges?

Standards

- Wiley publishes over 200,000 articles across 1,600 journals annually.
- We represent 600 scholarly societies across the full breadth of the life, health and physical sciences.
- How do we develop policies and processes which support our diverse communities?

Incentives

- According to <u>SHERPA/JULIET</u>, 19% of OA funders encourage data sharing and 28% require it.
- How can publishers partner with funders, institutions and repositories to lead in the culture change?
- What incentives can we develop together to make data sharing easier and more advantageous for authors?





Question:

What are the gaps, what are we missing w/ DMPs and DAS that we can work with you on improving?

Thank you.





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