140+ members
Academic publishers focused on science, technology, medicine, social sciences, and humanities

66% of articles
Our members collectively publish 66% of all journal articles

20 countries
STM spans the globe — made up of publishers of all shapes and sizes

About STM
STM is the standard bearer for the academic publishing industry, working with our members to advance trusted research worldwide. We are committed to ensuring that the great discoveries of our time are communicated with pinpoint accuracy, clarity and integrity. We champion innovation across academic research, stimulating the development of new technologies and guidance on universal standards.
STM has a long-standing commitment to fostering the sharing of research data

Sharing research data is crucial to advance science and research. It advances transparency, reproducibility, and provides additional opportunities for scientific discovery and collaboration. STM is committed to supporting data sharing to advance open scholarship.
STM RESEARCH DATA PROGRAM

21 PARTICIPATING PUBLISHERS

13,064 PARTICIPATING JOURNALS

JOURNALS: AVERAGE NUMBER OF DATA POLICIES

29% START OF 2020

52% END OF 2020

ARTICLES THAT CONTAIN A DATA AVAILABILITY STATEMENT

7% START OF 2020

15% END OF 2020

JOURNALS THAT CONNECT TO SCHOLIX

34% Q2 OF 2020

43% END OF 2020

15 MEETINGS, WEBINARS & WORKSHOPS

https://www.stm-assoc.org/research-data-program/

The publishing partner in shaping the research communication system of the future
The 2023 Joint Statement on Research Data

• Re-affirms the importance of research data to improve the utility and rigor of the scholarly record

• Significant progress since the original 2012 statement:
  • 10 million data citations tracked;
  • thousands of repositories adopting data citation best practices;
  • thousands of journals adopting data policies, data availability statements and establishing persistent links between articles and datasets; and
  • the introduction of data policies by an increasing number of funders

• However, research data sharing is not yet a self-evident step in the research lifecycle.

We now have sufficient scholarly communication infrastructure in place to bring about widespread change and believe momentum is building for collective action

Aim of the statement: To accelerate adoption of best practices and policies, and encourage further development of critical policies in collaboration with a wide group of stakeholders
The 2023 Joint Statement on Research Data

Twelve best-practice recommendations directed at various stakeholder groups:

- Researchers
- Data repositories
- Publishers
- Funders
- Research organisations
- Policymaking institutions

With a call for individuals & organisations to endorse and explain how they will further these recommendations.

https://www.stm-assoc.org/research-data-program/bestpractices/
Recommendations for publishers

- Publishers set appropriate **journal data policies**, describing the way in which data is to be shared alongside the published article.

- Publishers set **instructions for authors** to include **Data Citations** with persistent identifiers in the references section of articles.

- Publishers **include Data Citations and links to data in Data Availability Statements** with persistent identifiers (DOIs where available) in the article metadata registered with Crossref.

- In addition to Data Citations, **Data Availability Statements** (human- and machine-readable) are included in published articles where appropriate.

- Repositories and publishers **connect articles and datasets** through persistent identifier connections in the metadata and reference lists.
How can publishers promote research data sharing?

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Progress will be monitored through STM Research Data Implementation Group