



## 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

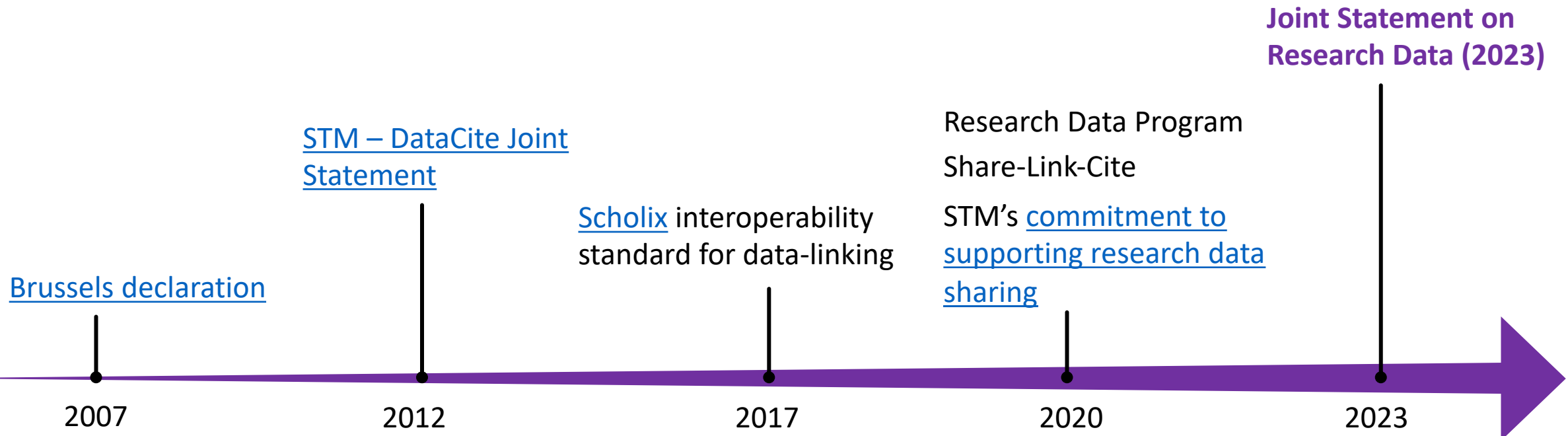
# About STM

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** Advancing trusted research

# 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



ELSEVIER

WILEY

SPRINGER NATURE

IOP Publishing



The Optical Society Since 1916



JAMA Network



emerald PUBLISHING



CAMBRIDGE UNIVERSITY PRESS



DE GRUYTER



Taylor & Francis Group



Taylor & Francis Group



AMERICAN PSYCHOLOGICAL ASSOCIATION



AGU ADVANCING EARTH AND SPACE SCIENCE



ACS Chemistry for Life



SAGE Publishing



BRILL



AMERICAN SOCIETY OF CLINICAL ONCOLOGY KNOWLEDGE CONQUERS CANCER



OXFORD UNIVERSITY PRESS



Science JOURNALS



Karger



Wolters Kluwer

JOURNALS:  
AVERAGE NUMBER  
OF DATA POLICIES

29%  
START  
OF 2020

52%  
END  
OF 2020



OUR  
PARTNERS



COS CENTER FOR OPEN SCIENCE



FAIRSFAR



Crossref



ripeta



CHORUS



RDA RESEARCH DATA ALLIANCE

15

MEETINGS, WEBINARS  
& WORKSHOPS



NIST National Institute of Standards and Technology U.S. Department of Commerce



European Commission



TU Delft



NIH National Institutes of Health Turning Discovery Into Health



CESAER



EMSL



DANS



VIRGINIA TECH.



TIB LEARNING INFORMATION CENTRE FOR SCIENCE AND TECHNOLOGY UNIVERSITY LIBRARY

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



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

The publishing partner in shaping the  
research communication system of the future

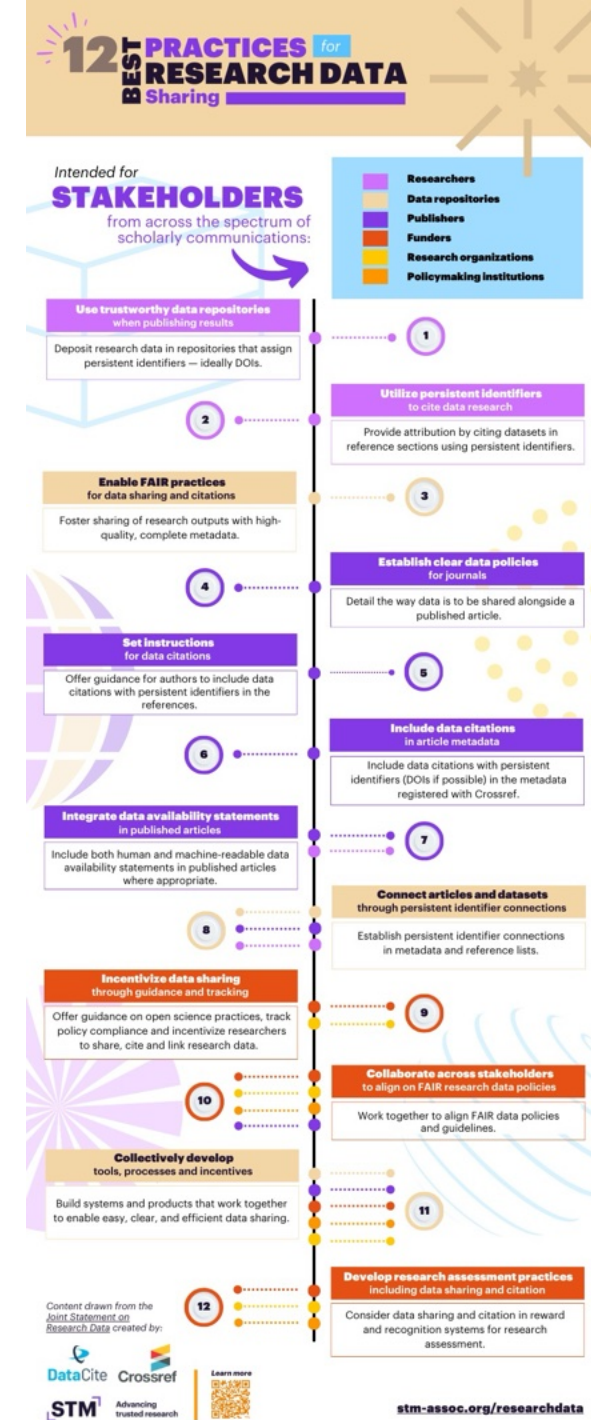


# The 2023 Joint Statement on Research Data

- 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**



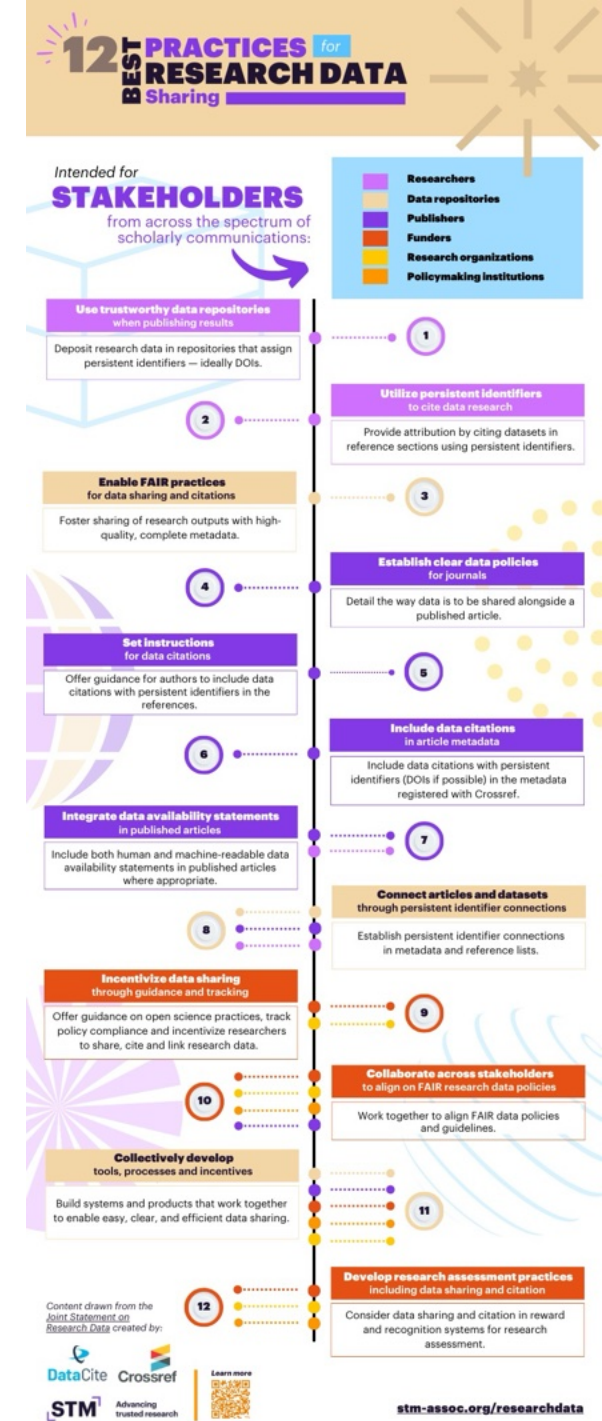
# The 2023 Joint Statement on Research Data

## 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?

- Publishers set appropriate **journal data policies**, describing the way in which data is to be shared alongside the published article.
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Progress will be monitored through STM Research Data Implementation Group

