

The global voice of scholarly publishing

**Share, Link and Cite
Research Data**

announcing the

2020 STM Research Data Year

London, 3 December 2019

STM INNOVATIONS

Why data matters and what publishers can do to support

>50%

Researchers cannot reproduce their own work

Up to 50%

Citation AND productivity advantage associated with making data open

€10 billion a year

Estimated cost to the EU of not making data FAIR

€30 billion 50,000 jobs

Potential impacts by 2030 of the European Open Science Cloud, including the Copernicus earth observation data



1.
Clear
policy



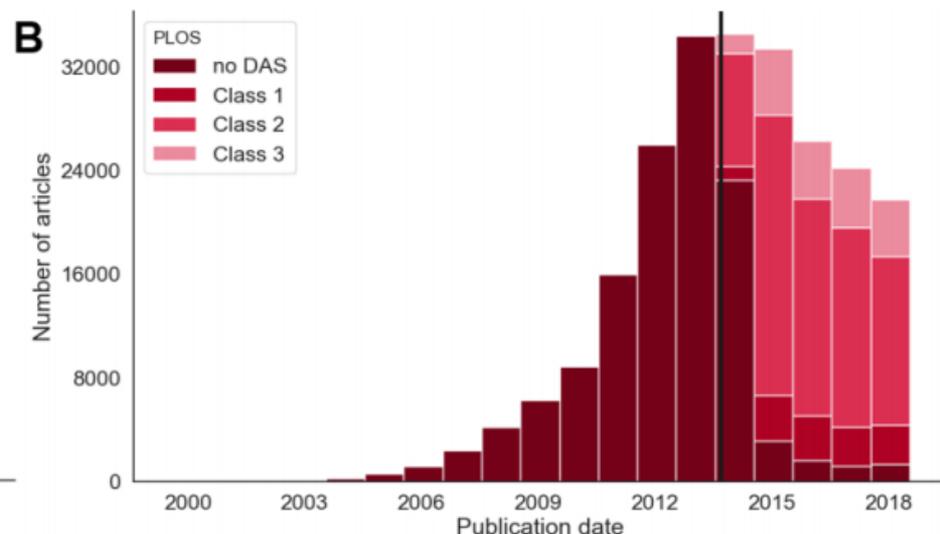
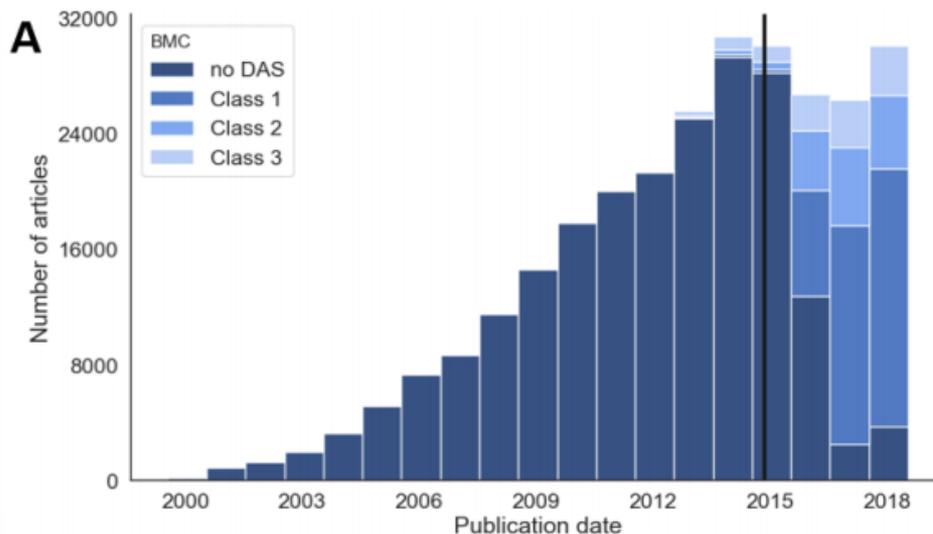
2.
Better
credit

S | T | M

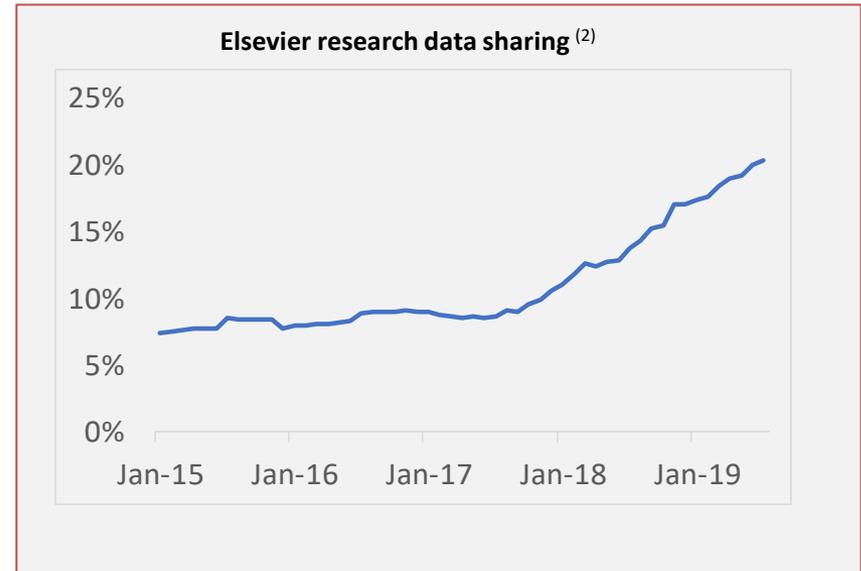
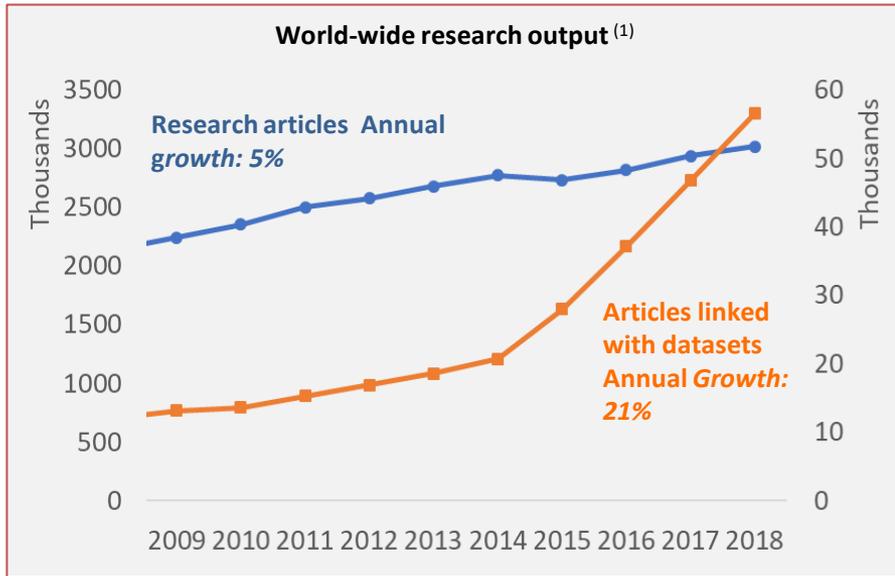
SHARE: Making a statement about research data

- Data availability statements (DAS) are a simple, standard tool for implementing journal research data policies and are increasingly common (**see figure**)
- Also required by some funding agencies policies and can enable compliance monitoring
- Implementation carries some costs but there are benefits, with evidence associating links to data in DAS with a 25% increase in citations

Colavizza et al (2019) <https://arxiv.org/pdf/1907.02565.pdf>



Help your authors by sharing data links



The **simplest** way to accomplish this is:

1. **Capture** the research data (link) in the submission process
2. Use processes already in place with **editorial system providers** (with common standards)
3. **Submit data link to CrossRef** as part of standard metadata submission process

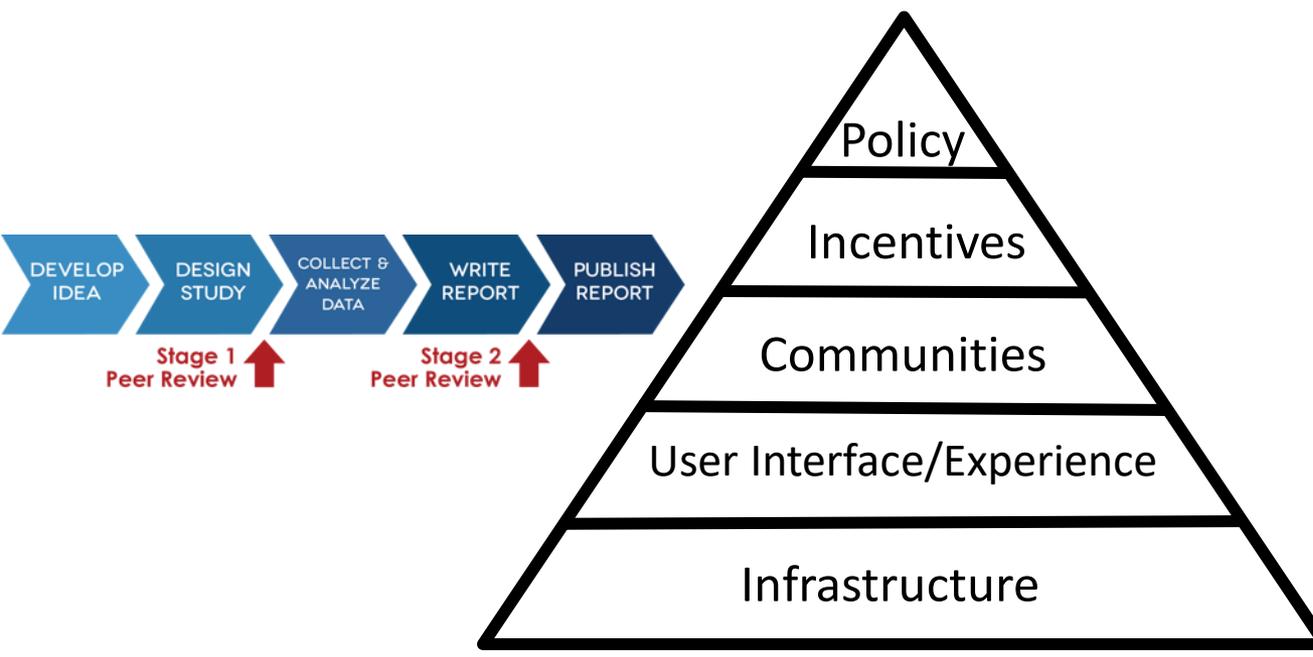
It will automatically get into the Scholix.org article-data linking ecosystem!



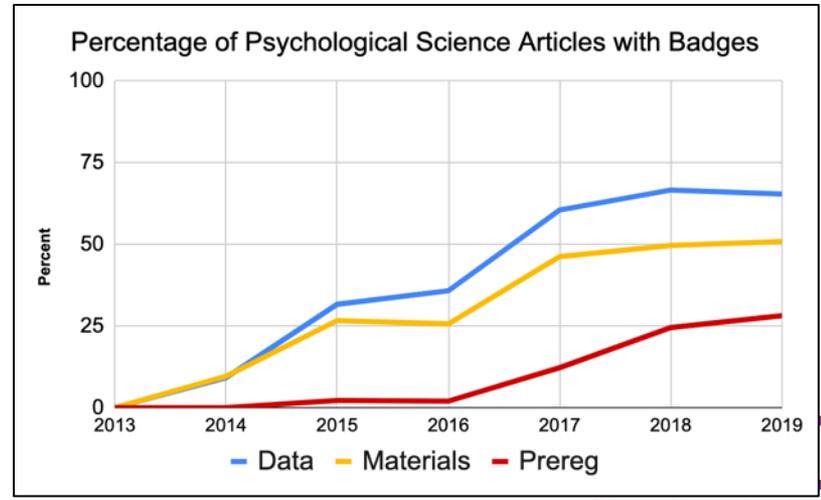
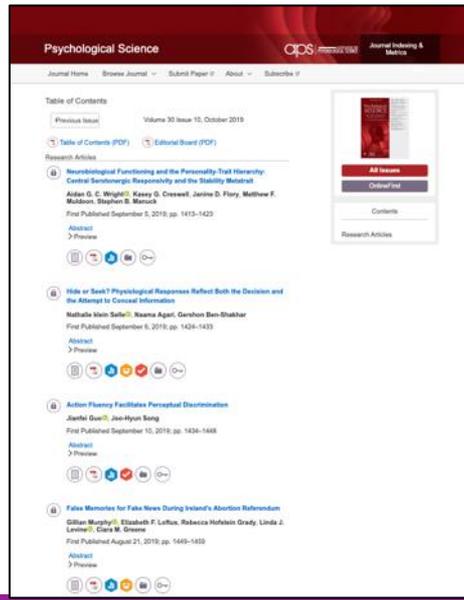
4. Encourage use of **supported FAIR repositories**

(1) Scopus data as of July 9 2019, Scholix data extracted on May 5, 2019 – Growth = CAGR = Compound Annual Growth Rate

(4) Elsevier internal measurement on dataset co-submissions



- Make it required
- Make it rewarding
- Make it normative
- Make it easy
- Make it possible



2020 STM Research Data Year

Goal: to enable STM publishers to:
SHARE, LINK and CITE Research Data
alongside publications

Early implementors group gets hands-on support:

- Starters tool kit
- Best practice guidance for Share-Link-Cite
- Workshops
- Online webinars
- Hands-on support for implementing DAS and Scholix

First Draft Dashboard design

