

12 PRACTICES for RESEARCH DATA Sharing

Intended for

STAKEHOLDERS

from across the spectrum of scholarly communications:



Use trustworthy data repositories when publishing results

Deposit research data in repositories that assign persistent identifiers — ideally DOIs.

2

1

Utilize persistent identifiers to cite data research

Provide attribution by citing datasets in reference sections using persistent identifiers.

3

Enable FAIR practices for data sharing and citations

Foster sharing of research outputs with high-quality, complete metadata.

4

Establish clear policies for journals

Detail the way data is to be shared alongside a published article.

5

Set instructions for data citations

Offer guidance for authors to include data citations with persistent identifiers in the references.

6

Include data citations in article metadata

Include data citations with persistent identifiers (DOIs if possible) in the metadata registered with Crossref.

7

Integrate data availability statements in published articles

Include both human and machine-readable data availability statements in published articles where appropriate.

8

Connect articles and datasets through persistent identifier connections

Establish persistent identifier connections in metadata and reference lists.

9

Incentivize data sharing through guidance and tracking

Offer guidance on open science practices, track policy compliance and incentivize researchers to share, cite and link research data.

10

Collaborate across stakeholders to align on FAIR research data policies

Work together to align FAIR data policies and guidelines.

11

Collectively develop tools, processes and incentives

Build systems and products that work together to enable easy, clear, and efficient data sharing.

12

Develop research assesment practices based on data sharing and citation

Consider data sharing and citation in reward and recognition systems for research assessment.

Content drawn from the [Joint Statement on Research Data](#) created by:



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