Use trustworthy data repositories when publishing results
Deposit research data in repositories that assign persistent identifiers — ideally DOIs.

Enable FAIR practices for data sharing and citations
Foster sharing of research outputs with high-quality, complete metadata.

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

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

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.

Collectively develop tools, processes and incentives
Build systems and products that work together to enable easy, clear, and efficient data sharing.

Utilize persistent identifiers to cite research
Provide attribution by citing datasets in reference sections using persistent identifiers.

Establish clear data policies for journals
Detail the way data is to be shared alongside a published article.

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

Connect articles and datasets through persistent identifier connections
Establish persistent identifier connections in metadata and reference lists.

Collaborate across stakeholders to align on FAIR research data policies
Work together to align FAIR data policies and guidelines.

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

12 PRACTICES for RESEARCH DATA
Sharing

Intended for STAKEHOLDERS from across the spectrum of scholarly communications:
Researchers
Data repositories
Publishers
Funders
Research organizations
Policymaking institutions

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Content drawn from the Joint Statement on Research Data created by:
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