

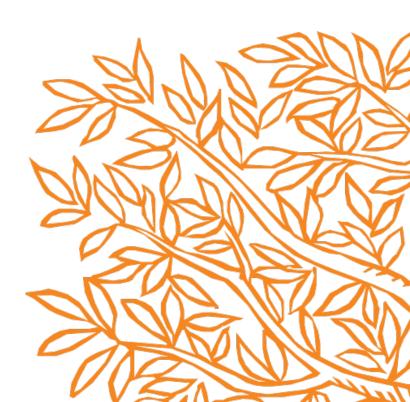


How can institutions better manage their research data

Digital Commons
Data

Data Monitor

Juan Garcia Elsevier



As a research institution, you want to:

- Meet funder guidelines with F.A.I.R. data
- Store, archive and preserve research data
- Encourage RDM best practices for greater impact
- Enable collaboration on data by project teams
- Showcase data outputs for impact and reporting

And prepare for an Open Data future



Digital Commons



Digital Commons Data:

Digital Commons

Benefits to the Institutions and their researchers

Digital Commons Data gives your institution the tools you need to successfully drive forward your Research Data Management program, with powerful features for researchers, administrators and data curators to store, manage, curate, share and preserve data.



Store data in secure flexible storage, or connect to your institutional storage, solving your storage needs effortlessly



Preserve data for long-term availability and reuse



Showcase data alongside other outputs, to maximise reach and impact



Enable collaboration within and beyond the institution, to facilitate the research process



Report on research data with interactive dashboards, for visibility on inventory, usage and engagement

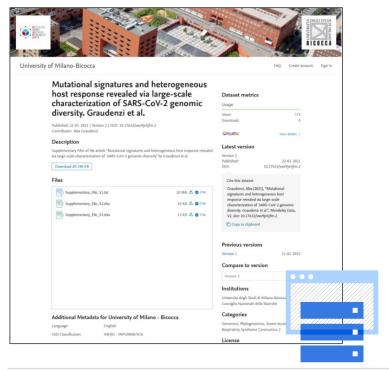


Put your library team in full control, with powerful tools to manage, administer and curate data





Digital Commons Data



Digital Commons

- A trusted data repository to store, share and archive datasets to comply with funder requirements and meet the FAIR principles.
- Links your institution's data to the wider ecosystem, facilitating discovery and reproducibility via DOIs, DataCite, open APIs, deep indexing etc.
- RDM best practices through advanced data curation tools such as versioning, customized metadata, and moderation workflows.
- A cloud-hosted platform that meets industry standards for secure storage, hosting, and preservation.



DC Data provides a secure, compliant environment

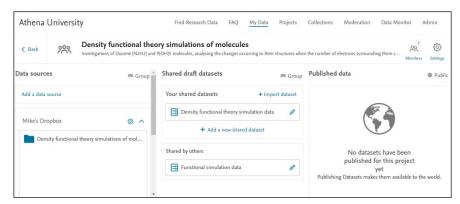
for sharing project data

Projects in DC Data allow researchers to:

- Invite collaborators into a project, regardless of their physical location and institutional affiliation
- Import data from existing cloud or university storage, and share files seamlessly
- Prepare to share research data, in accordance with the FAIR data principles

Benefits for the institution:

- Facilitate project teams collecting and collaborating on data securely
- Track progress of projects



The project environment allows teams to securely share data files, and collaboratively prepare datasets to publish.



External cloud storage can be connected to projects.





Tracking institutional research data

Data Monitor

Institutions need solutions that help them easily find and keep track of vast amounts of research data published by their researchers to:

- Maintain a clear overview of research impact
- Oversee the management of institutional policies
- Safeguard compliance with funder mandates





Data Monitor

Simplifying research data visibility

Actively monitoring thousands of data repositories researchers use often presents a challenges for institutions.

Our solution



Provides accurate visibility into the entire research data output of institutions



Integrates ~30 million research data records from 2000+ generalist and domain specific repositories

Research data repositories	Number of datasets
Zenodo	1817618
USGS Mineral Resources	995208
Cambridge Structural Database	909175
GEOROC	478309
PANGAEA	403887
RCSB-PDB	138270

Above: Example of repositories from Data Monitor corpus as of April 2021.

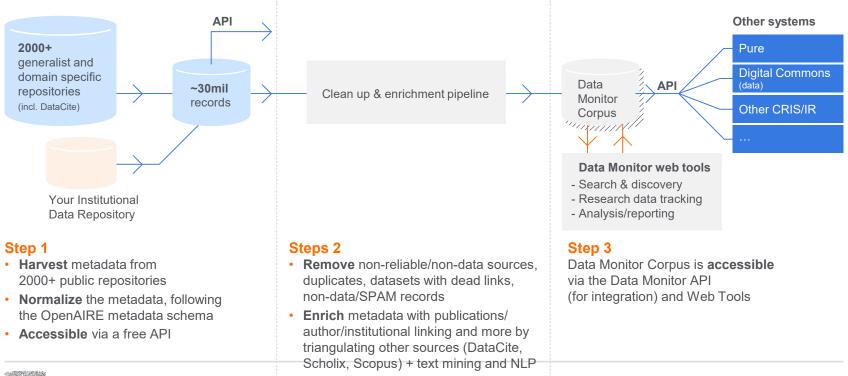


Source: https://datascience.codata.org/articles/10.5334/dsj-2017-042/



Data Monitor

How Data Monitor works



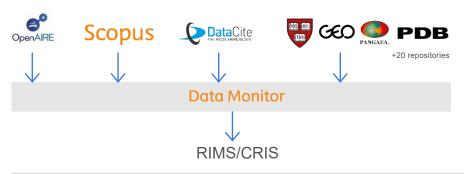




Integrating with industry-leading research tools

- Connects institutions to ~30 million research data records from 2000+ generalist and domain-specific repositories
- Integrates with services used by researchers and institutions worldwide











Thank you

Digital Commons

Data Monitor

