

Tips for Managing Your Data

You are on the front-lines of collecting research data, yet data management has not been part of your formal training. How can you manage your data effectively, meet funder compliance, and ensure your research findings have long-lasting value to the scientific community? Follow these ten tips to start managing your data like a professional.



Cambridge Crystallographic Database, Protein Database, and GitHub are examples of databases that provide data storage that are independent of publication and are free of charge. play, and such data may need to be treated differently.

Consider using persistent identifiers.

DOIs, archival resource keys, ORCiDs, and InChIs are examples of persistent identifiers that provide unique, interchangeable information that makes your data more discoverable and valuable over the long term.

Keep backups for disaster recovery AND archive your data.

Backup copies for emergencies are required, but they do not replace archives. Archiving data ensures your data can be found long-term and adds value to your data by adding an index and making your data searchable.

publish.acs.org/publish