

How do I choose a repository?

In accordance with AMS policy, authors are expected to deposit all core research outputs (data, software, appropriate samples and sample descriptions) in FAIR-aligned repositories, if possible. When considering the most appropriate repositories for your data, please keep in mind the following prioritization:

1. **Funder requirements.** Funders may have specific repositories that must be used as a condition of the grant under which the work was performed.
2. **Domain repositories.** A repository that specializes in data for your scientific domain is highly recommended.
3. **Institutional repositories.** Many universities and research organizations provide local data management support, usually through the institutional library.
4. **High performance computing centers.** In research using computer models and simulations that involve generating and/or analyzing high volume data, the operations team at the center may have recommendations for data management, storage, and preservation.
5. **General repositories** such as [Figshare](#), [Dryad](#), [Zenodo](#), [Mendeley Data](#), and [Open Science Framework](#) may be used if no other repositories in the categories above are appropriate. A [comparison chart for well-known generalist repositories](#) put together by AGU is also an excellent resource.

If none of the above options are available or appropriate, authors must provide a transparent process to make the data available to anyone upon request, but article supplemental material should no longer be used as a primary archive for data.

The Repository Finder tool developed by DataCite may also be useful. Instructions on its use can be found [here](#).