Repository Finder
Connecting Researchers to Data Repositories in Earth, Space, and Environmental Sciences

**USE CASE:** A researcher producing data in the domain needs to identify relevant repositories that will accept their data.

When selecting a repository to deposit their data, researchers in Earth, space, and environmental sciences should:

1. Follow the mandate or recommendation of their funder / publisher / journal / institution / etc.
2. Use a domain repository that adheres to the norms of their
   research community *
3. Use a certified repository *
4. Use the repository with the highest level of curation *
5. Use an institutional repository *
6. Use a general repository

* that will take their data based on the repository’s terms of use or direct interaction between the researcher and repository staff

% leveraging this opportunity to encourage and facilitate repositories that are not certified to pursue certification, e.g., CoreTrustSeal

1) As a part of the Enabling FAIR Data project led by the American Geophysical Union, a working group of domain researchers, publishers, librarians, funders, professional societies, and data facilities drafted decision points that researchers face in selecting repositories to deposit their data.

2) Domain repository managers were interviewed about their current and planned FAIR implementations, and the decision tree was distilled into an ordered list of principles.

3) Criteria were mapped to the re3data schema by DataCite to develop a simple, online tool to browse and search repositories from re3data to help a researcher in the domain identify potential, relevant places to deposit their data.

4) Repository Finder was piloted with user testing done by the Earth Science Information Partners’ Usability Cluster and a commercial usability firm.

Visit: [http://repositoryfinder.datacite.org](http://repositoryfinder.datacite.org)