



## Resources

*This document features resources that the planning team compiled in advance of the 2023 Workshop on Open Data and Reuse in Social Science Weather Research, as well as materials that participants shared during the meeting.*

### **Federal Policy Guidance**

- White House Office of Science and Technology Policy (OSTP) Guidance
  - [2022 OSTP Memorandum for the Heads of Executive Departments and Agencies: Ensuring Free, Immediate, and Equitable Access to Federally Funded Research](#)
  - [2022 Congressional Research Service \(CRS\) Briefing on the Open, Public, Electronic, and Necessary \(OPEN\) Government Data Act: A Primer](#)
  - [Open Science Announcements from Federal Agencies](#)
  - [2013 OSTP Memorandum for the Heads of Executive Departments and Agencies: Increasing Access to the Results of Federally Funded Scientific Research](#)
  - [2022 CRS Briefing on Public Access to Scientific Publications Resulting from Federally Funded Research and Development \(R&D\)](#)
  - [National Science and Technology Council \(NSTC\) Guidance for Implementing National Security Presidential Memorandum 33 \(NSPM-33\) on National Security Strategy for United States Government-Supported Research and Development](#)
- National Oceanic and Atmospheric Administration (NOAA) Guidance
  - [NOAA Administrative Order \(NAO\) 212-15: Management of Environmental Data and Information](#)
  - [Weather Program Office \(WPO\) Social, Behavioral, and Economic Science \(SBES\)-Specific Data Management Guidance](#)
- National Science Foundation (NSF) Guidance
  - [NSF Data Management Plan Requirements](#)
  - [Social, Behavioral, and Economic \(SBE\) Directorate-Specific Guidance on Data Management](#)
- Guidance from Other Federal Agencies
  - [National Institutes of Health \(NIH\)'s guidance](#)
  - [National Aeronautics and Space Administration \(NASA\)'s guidance](#)
  - [US Geological Survey \(USGS\)'s guidance around proprietary and sensitive data](#)

## **Journals and Other Publication Outlets**

- [American Meteorological Society \(AMS\): \*Weather, Climate, and Society\*](#)
  - New Article Type: Social Science Datasets, Instruments, and Data Ethics
- [Data Science Journal](#)
- [CONVERGE Check Sheets Series](#)
  - If you are interested in contributing to the CONVERGE Check Sheet Series, especially on the topic of data publication and reuse, please contact [Lori Peek](#).

## **Scholarly Publications and Guidance on Open Science, Data Publication, and Data Reuse**

- Special Issue of *American Behavioral Scientist*, Qualitative Research Ethics in the Big Data Era - Part I, <https://journals.sagepub.com/toc/absb/63/5>
- Special Issue of *American Behavioral Scientist*, Qualitative Research Ethics in the Big Data Era - Part II, <https://journals.sagepub.com/toc/absb/63/6>
- [Transparency, Responsibility, User focus, Sustainability and Technology \(TRUST\) principals](#)
- [CARE](#) (for Indigenous data governance: collective benefit, authority to control, responsibility, ethics) principals.
- Equitable Access Literature:
  - Accessibility
  - Accommodation
  - Availability
  - Affordability
  - Acceptability
- [Soc Arxiv](#) for preprints

## **Data Repositories**

- [Consortium of European Social Science Data Archives \(CESSDA\)](#)
- [Dataverse Project](#)
- [DesignSafe Cyberinfrastructure](#)
- [Dryad](#)
- [Figshare](#)
- [Harvard Dataverse](#)
- [Inter-university Consortium for Political and Social Research \(ICPSR\)](#)
- [Mendeley Data](#)
- [Qualitative Data Repository, Syracuse University](#)
- [Synapse](#)
- [CORE TRUST SEAL](#) for certifying data repositories.
- [DataCite Catalog](#) to help with looking for datasets.
- [Generalist Repository Comparison Chart](#) for comparing repositories.
- [National Institute of Health Common Data Elements](#) to help with figuring out how to build data and metadata that can be more easily integrated.
- [Open Science Framework](#) for data management and sharing with projects.
- [re3data.org](#) for tracking data repositories

- [Research Data Alliance \(RDA\) Data Repository Attributes Working Group](#)

### **Opportunities for Research, Training, and Grants**

- [Natural Hazards Center Weather Ready Award Program](#)
  - [Weather Ready Research Instrument and Data Publication](#)
  - [Wildfire Ready Quick Response Research and Data Publication](#)
  - [Tornado Ready Quick Response Research](#)
- CONVERGE and DesignSafe Training for Data Publication in the Social Sciences and Interdisciplinary Hazards and Disaster Research and Data Ambassadors Program
  - <https://converge.colorado.edu/data/>
  - CONVERGE Data Ambassadors Program: <https://converge.colorado.edu/data/data-ambassadors/>
- [Desirable Characteristics of Data Repositories for Federally Funded Research](#)
- [John A. Knauss Marine Policy Fellowship:](#)
  - National Sea Grant Office
  - [Alexandrea.Neal@NOAA.gov](mailto:Alexandrea.Neal@NOAA.gov)
- [NOAA Research to Operations Workshop Document](#)
- [Data Management Training Clearinghouse](#)

### **Additional Resources**

- University of Colorado Boulder Listening Sessions
  - <https://www.colorado.edu/bfa/2023/01/19/public-access-federally-funded-research-bfa-rio-libr-session-ostp-memo> and [https://www.colorado.edu/bfa/sites/default/files/attached-files/20230202\\_bfaassembly\\_ostp.pdf](https://www.colorado.edu/bfa/sites/default/files/attached-files/20230202_bfaassembly_ostp.pdf)
- The Pleasures and Sorrows of Transparency in Social Science Research: <https://www.youtube.com/watch?v=P0Ei3L6UgPU>
- Differential privacy tools are being developed to release sensitive data with added noise that reduces risk of re-identification: <https://opendp.org/about>
- [Data Management Planning Tool](#)
- [Data Nutrition Project](#)
- [“Datasheets for Datasets” for Reuse Documentation](#)
- [Google Dataset Search](#)