



Workshop on Open Data and Reuse in Social Science Weather Research

Logistics, Overview, and Materials

Key Dates, Times, and Locations:

- **Monday, April 10, 2023, 5:00–7:00 p.m. MDT** - Optional Welcome Reception w/ appetizers and cash bar
 - *Location:* Hotel Boulderado, Mezzanine Lounge, 2115 13th Street, Boulder, CO 80302
- **Tuesday, April 11, 2023, 8:00 a.m.–4:45 p.m. MDT and Wednesday, April 12, 2023, 8:00 a.m.–3:00 p.m. MDT** – Workshop w/ light breakfast, breaks, and lunch provided both days
 - *Location:* Institute of Behavioral Science, Room 155A, University of Colorado Boulder, 1440 15th Street, Boulder, CO 80309*
 - *We will *not* offer a shuttle service to the University of Colorado Boulder. It is a scenic walk to campus. You also may wish to take a bus or ride share service. A limited number of paid parking spots are available near the meeting location, but there is construction nearby, so please plan your arrival time accordingly.
 - *The doors will be unlocked to the building beginning at 7:45 a.m.
- For additional information regarding Boulder, Colorado please see the following link from the Boulder's Convention and Visitors Bureau:
<https://www.bouldercoloradousa.com/>.

Local Contacts:

- If you have any questions or concerns upon arrival, please text or call Mary Angelica Painter at XXX-XXX-XXXX or Jennifer Tobin at XXX-XXX-XXXX. For any additional non- Boulder or NOAA-related questions, text or call Alison Agather at XXX-XXX-XXXX.

Accessing the WiFi at CU Boulder:

- Participants who connect to **UCB Guest** will be asked to read and accept an agreement to use the campus WiFi. Occasionally users must open neverssl.com or google.com to get the prompt to show up, but once it appears, you should be able to access the campus network.
- For those who have signed up for **Eduroam** at your home academic institution, you can typically connect seamlessly. However, please note that you cannot set up Eduroam once on the CU network, so this would need to be done in advance.

Workshop Background and Context: In August of 2022, the White House Office of Science and Technology Policy (OSTP) issued a [press release](#) that summarized a longer [memorandum](#) that delivered guidance for federal departments and agencies to update their public access policies as soon as possible **to make publications and research funded by taxpayers publicly accessible, without delay or cost**. According to the new guidance, all agencies will fully implement updated policies no later than December 31, 2025.

Purpose of this Workshop: In light of recent changes in policy, this workshop will seek to gather insights and recommendations on the ethical publication and reuse of social, behavioral, and economic science data collected in the context of weather-related research. The workshop is designed to address *advancements* in the publication of social science research instruments and data, *ongoing challenges* with ethically managing and sharing qualitative and quantitative primary and secondary social science data, and *opportunities* to support the necessary infrastructure and culture for data publication and reuse in the social sciences.

Outcome of this Workshop: The primary outcome of this Workshop will be to advance community-informed insights and recommendations for consideration by the National Oceanic and Atmospheric Administration (NOAA), other federal agencies, academic researchers, and data archivists regarding how to make social, behavioral, and economic science data more transparent and accessible in accordance with new OSTP requirements.

Workshop Objectives:

- **Making Connections** - *Who is in the room and why? How can we deepen connections with one another?*
- **Understanding Federal Expectations Concerning Data Publication and Reuse** - *What has changed regarding federal policy requirements and why does it matter to federal agencies that support research, the social science weather research community, data scientists, and data librarians?*
- **Reviewing Progress and Pitfalls in Data Publication and Reuse** - *What progress has already been made? Where are there still gaps and challenges—culturally, institutionally, legally, ethically?*
- **Offering Recommendations** - *Based on the progress as well as ongoing concerns, what are the next actionable steps regarding guidance for social science data publication and reuse? How can the connections made at this Workshop help forward the field of social science data publication and reuse?*

Workshop Participants: This ~60 person workshop will bring together three primary stakeholder groups:

- *Social science researchers* who have experience with multiple data types, sensitive data issues, and publishing social science instruments and data.
 - *Data scientists and data librarians* who have expertise in data governance and work to create and/or maintain the cyberinfrastructure necessary for securely managing, storing, and publishing social science data.
 - *Federal agency and academic representatives* from the National Oceanic and Atmospheric Administration (NOAA), the National Science Foundation (NSF), and the Natural Hazards Center who evaluate and fund social scientific and interdisciplinary research.
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Workshop Format: The meeting will be held in person in Boulder, Colorado with a Zoom option also available at: <https://cuboulder.zoom.us/j/94616990683>. We ask that all Zoom participants log on 15 minutes early—as shown on the agenda—to ensure we can troubleshoot any technical issues and still run on time.

Workshop Expectations: All attendees are asked to:

- attend the workshop for its duration (in person attendees) and engage virtually as relevant (online attendees).
- review the two required readings, as shown below, in advance of the meeting;
- adhere to the [participant guidelines](#) and listen actively, engage respectfully, contribute generously, and have fun!

Workshop Materials:

- **Required Readings:** All participants are asked to carefully read the following two documents in advance of the Workshop:
 - Readings on Federal Guidance:
 - [2022 OSTP Memo: Ensuring Free, Immediate, and Equitable Access to Federally Funded Research](#) (8 pages)
 - [2022 CRS Briefing on the OPEN Government Data Act](#) (2 pages)
- **Additional Resources:** Participants are invited to read / review / view the following as time permits:
 - Additional Readings on Federal Guidance
 - [2013 OSTP Memo](#)
 - [2022 CRS Briefing on Public Access](#)
 - NOAA Guidance on Data
 - [NAO 212-15: Management of Environmental Data and Information](#)

- [WPO SBES-Specific Data Management Guidance](#)
- NSF Guidance on Data
 - [NSF Data Management Plan Requirements](#)
 - [SBE Directorate-Specific Guidance on Data Management](#)
- Other Federal Agencies' Guidance on Data
 - [NIH's guidance](#)
 - [NASA's guidance](#)
 - [USGS's guidance around proprietary and sensitive data](#)
- Relevant Trainings / Readings / Videos / Websites
 - 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/>,
 - <https://converge.colorado.edu/data/data-ambassadors/>
 - [Desirable Characteristics of Data Repositories for Federally Funded Research](#)
 - [NSPM-33 Implementation Guidance](#)
 - [Generalist Repository Comparison Chart](#)
- Assorted Relevant Readings and Videos
 - Special Issue of *American Behavioral Scientist*, Qualitative Research Ethics in the Big Data Era - Part I, <https://journals.sagepub.com/toc/absb/63/5>
 - 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/2023_0202_bfaassembly_ostp.pdf
 - The Pleasures and Sorrows of Transparency in Social Science Research
 - <https://www.youtube.com/watch?v=P0Ei3L6UgPU>

If you have other resources to add to our list, please email them to Lori.Peek@colorado.edu.

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