Weather Ready Research Instrument and Data Publication Training Session
June 30, 2021
11:00 a.m. to 2:00 p.m. MDT
Zoom Information
https://cuboulder.zoom.us/j/94267584917
Meeting ID: 942 6758 4917
Dial by Your Location:
+1 346 248 7799 US (Houston)
+1 669 900 6833 US (San Jose)
+1 253 215 8782 US (Tacoma)
+1 312 626 6799 US (Chicago)
+1 646 558 8656 US (New York)
+1 301 715 8592 US (Washington DC)

Pre-Meeting Preparation
In advance of the event, all participants should:

- Read this webpage on preparing a **Data Management Plan** carefully: https://converge.colorado.edu/data/data-management. This page includes several tips and insights that will help you to prepare your data for publication.
- If you have not done so already, please create a **DesignSafe account** and ensure that all of your team members have accounts as well: https://www.designsafe-ci.org/account/register/.
- Complete the publication template. This should be submitted to Lori Peek at Lori.Peek@colorado.edu by no later than **June 29, 2021,** at **7:00 p.m. EDT.**
- Begin to think about how you will prepare your data, data collection protocols/reports, and/or research instruments to ensure they are ready for curation after the training session. These materials will help ensure a comprehensive data publication that can be used and analyzed by future researchers or research teams.
  - Establish the sensitivity of your dataset (see the attached data template for more information).
  - If your data involves human subjects, you must provide documentation of your institution's IRB approval.
  - All human subjects data should be properly de-identified based on ethical best practices, institutional requirements, and any other commitments to participants. See Policies https://www.designsafe-ci.org/rw/user-guides/curating-publishing-projects/policies/ and Best Practices https://www.designsafe-ci.org/rw/user-guides/curating-publishing-projects/best-practices/ guidance in DesignSafe.
- Review the DesignSafe data curation guidelines (click on the Field Research tab) (https://www.designsafe-ci.org/rw/user-guides/data-curation-publication/) and CONVERGE website (https://converge.colorado.edu/) before the meeting so you can familiarize yourself with the research teams, missions, and resources available from these NSF-supported NHERI facilities.
- Review the projects already published by CONVERGE Data Ambassadors as exemplars of the types of descriptions and content that you will upload into DesignSafe: https://converge.colorado.edu/data/events/publish-your-data/data-ambassadors.

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Time	Task	
11:00 a.m.	Welcome, Acknowledgements, and Meeting Objectives • Learn about CONVERGE and DesignSafe data capabilities for social science and interdisciplinary researchers • Learn more about *why* publishing and sharing your data is so important (see: https://www.designsafe-ci.org/community/news/2020/june/data-papers-and-data-reuse-magnify-research-impact/) • Hear from NOAA social science leadership about the importance of data and instrument sharing and the role these activities play in building a Weather Ready Research Community • Learn how to publish your own data and research instruments and protocols while also discussing more regarding how we can ethically do this—especially concerning sensitive data • Meet the recipients of the Weather Ready Research Instrument and Data Publication Awards and take the next step to receive a permanent Digital Object Identifier (DOI) for your research materials and/or data • Become a CONVERGE Data Ambassador and help usher in a new data sharing culture!	Peek, Natural Hazards Center and CONVERGE; Eosco, NOAA; and Rathje, DesignSafe
11:20 a.m.	Self- and Team-Introductions + Data/Instrument Overview and Publication Goals + Questions • Eric Best • Lauren Clay • Emma French, Kelly Turner, and David Hondula • Sergio García Mejía, Michelle Bensi, Nilanjana Ghosh • Jennifer Henderson, Erik Nielsen, and Jennifer Spinney • David Hondula, Mary Wright, and Kelly Turner • Liza Kurtz and David Hondula • Manyu Li • Ram Krishna Mazumder, Elaina Sutley, and Meredith Dumler – 2 projects • Tara Pozzi and Vicken Hillis • Olivia Vila and Gavin Smith • Lance Watkins and Mary Wright • Xilei Zhao, Yiming Xu, Ruggiero Lovreglio, Erica Kuligowski, and Daniel Nilsson • Lisa Zottarelli	Project Leads – No more than 2 minutes for each project

	Any remaining time will be dedicated to open discussion with DesignSafe in response to questions.	
11:50 a.m.	DesignSafe Overview + Description of Social Science and Interdisciplinary Data Model Capabilities *This session will also focus on data sensitivity, data de-identification using direct and indirect identifiers, and other relevant issues.*	Cockerill and Esteva, DesignSafe

12:15 p.m.	Using the Data Model – Demonstration and Hands-On Training
	    1. Organize Your Data / Instrument
	    2. Describe Your Data / Instrument
	    3. Relate Your Data / Instrument
	    4. Evaluate Your Data / Instrument Representation
		Jansen, DesignSafe and All Session Participants

1:00 p.m.	Next Steps – Sign Up for Individualized Support to Move to Publication with DesignSafe https://signup.com/go/MkHJzWd	Esteva, DesignSafe
1:20 p.m.	Open Data, DOI's, and Data Discoverability CONVERGE Data Ambassadors Program (see: https://converge.colorado.edu/data/events/publish-your-data/data-ambassadors) *During this session, we will discuss the advantages of open data and the technology behind DOI's and how they enhance discoverability. This particular session will provide bigger picture context and possibilities regarding the role of Data Ambassadors.*	Esteva, DesignSafe Peek, Natural Hazards Center and CONVERGE and All Participants
1:40 p.m.	Next Steps for the Weather Ready Award Program Recipients and Upcoming Deadlines • Work with DesignSafe to Publish Data / Instruments • Final Award Checklist Due **October 8, 2021** to haz.research.awards@colorado.edu Questions for DesignSafe, NOAA, and/or the Natural Hazards Center	Tobin, Natural Hazards Center All Participants
2:00 p.m.	Gratitude and Adjourn	Eosco, Tobin, and Peek