Publish Your Data! Event

August 4, 2020

CONVERGE-NSF Award #1841338 | DesignSafe-NSF Award #1520817 | RAPID-NSF Award #1611820

Welcome!

We are so
excited you are here!

Noon-12:15 p.m. MDT

A Two-Year Journey….

The DesignSafe team interviews ~80 social science, urban planning, public health and medicine, and engineering researchers at the Natural Hazards Workshop. ***July 2019***

L-R: Maria, Tim, and Craig put the social science and interdisciplinary "data modelers" to work! ***October 2018***

CONVERGE NHERI

DESIGNSAFE-CI A NATURAL HAZARDS ENGINEERING COMMUNITY

NSF

CONVERGE and DesignSafe partnership formally established in ***August 2018.***

Objectives Today

- Learn about new DesignSafe capabilities for the social sciences and interdisciplinary research
- Understand *why* publishing and sharing data and instruments is important
- Learn how to ethically publish your own data and instruments
- Move forward with receiving a permanent DOI for your data and/or instruments
- Become a CONVERGE Data Ambassador!

CONVERGE NHERI

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RAPID NHERI Post-disaster Rapid Response Research Facility

He's in China.

“For the past three decades, leaders of the scientific community have called for sharing access to scientific data… The main rationales for data sharing, [include]:

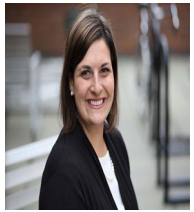
- *To reproduce or to verify research*
- *To make the results of publicly funded research available to the public*
- *To enable others to ask new questions of extant data*
- *To advance the state of research and innovation*

Increasingly, funding agencies around the world are requiring investigators to share data created with public support.”

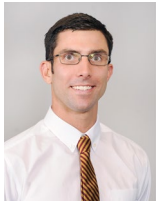
-Source: **Public Access to NSF-Funded Research Data for the Social, Behavioral, and Economic Sciences, 2016**

Publish Your Data! Event

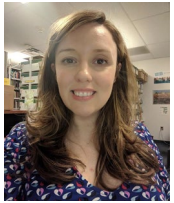
Jessica Austin
University of Colorado Boulder



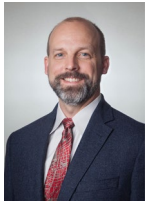
Nicole Errett
University of Washington



David Hondula
Arizona State University

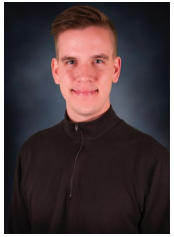


Valerie Marlowe
University of Delaware

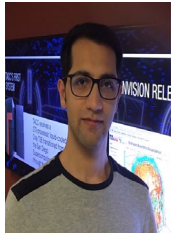


Nathanael Rosenheim
Texas A&M University

Maria Esteva
Texas Advanced Computing Center

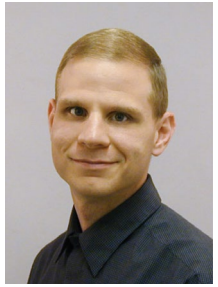


Craig Jansen
Texas Advanced Computing Center



Mahyar Sharifi Mood
Texas Advanced Computing Center

Keith Strmiska
Texas Advanced Computing Center



Troy Tanner
University of Washington

Ellen Rathje
University of Texas as Austin
PI, DesignSafe

Tim Cockerill
Director of User Services at TACC

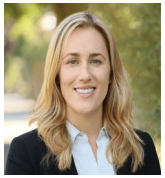
Scott Brandenberg
University of California Los Angeles

Joseph Wartman
University of Washington
PI, RAPID

Lori Peek
University of Colorado Boulder
PI, CONVERGE

CONVERGE Team

Lori Peek
Principal Investigator



Rachel Adams
Postdoctoral Research Associate

Candace Evans
Graduate Research Assistant

Jessica Austin
Graduate Research Assistant

Jennifer Tobin
Senior Personnel

Jolie Breeden
Editor and Science Communicator

Jeffrey Gunderson
Web and Data Manager

Courtney Welton-Mitchell
Research Associate

Heather Champeau
Graduate Research Assistant

Haorui Wu
Research Affiliate

Melissa Villarreal
Graduate Research Assistant

Jocelyn West
Graduate Research Assistant

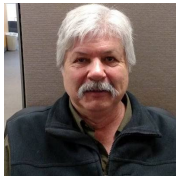
Nnenia Campbell
Research Associate

Emma Hines
Research Affiliate

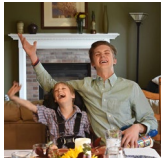
Sandra Appiah
Research Affiliate

Kamryn Roper-Fetter
Undergraduate Research Assistant

Helen Gardner
Undergraduate Research Assistant

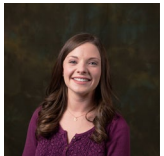


Luther Green
Research Affiliate



Charlie Beller
Undergraduate Research Assistant

Megan Costa
Undergraduate Research Assistant



Katie Murphy
Administrative Associate

Jason Van Horn
Program Manager

2-Minute Self-Introductions

Data Overview / Data Publication Goals + Questions

- Rachel Adams
- Hiba Baroud and Daniel Perrucci
- Richard Ellefritz
- Nicole Errett
- Betty Lai
- Valerie Marlowe
- Alexis Merdjanoff
- Lori Peek, Haorui Wu, and Heather Champeau
- Jason von Meding
- Haorui Wu

Data Templates:
https://drive.google.com/drive/folders/1Lkd0TpNSoPTOv3zcB1InabuwAIg3ClWB?usp=sharing

12:15-12:45 p.m. MDT

Overview

12:45-1:05 p.m. MDT
Rathje and Esteva

DESIGNSAFE-CI
A NATURAL HAZARDS ENGINEERING COMMUNITY

Data Model Demonstration and Hands-On Training

1:05-2:00 p.m. MDT
Jansen and Sharifi

Next Steps to Data Publication

https://signup.com/go/fxHQnhr

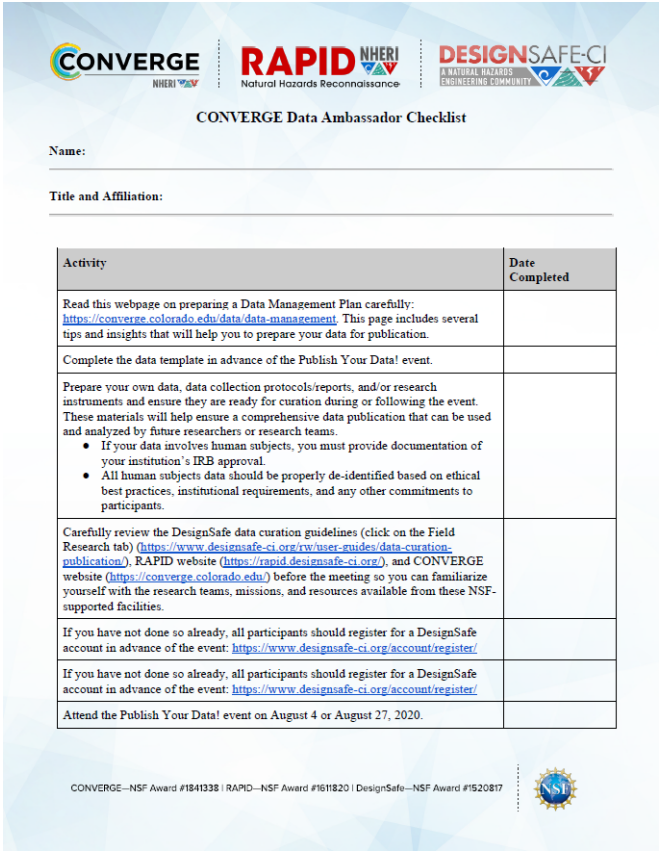
2:00-2:25 p.m. MDT
Esteva

DESIGNSAFE-CI
A NATURAL HAZARDS ENGINEERING COMMUNITY

Open Data, DOI's and Data Discoverability

2:25-2:35 p.m. MDT
Esteva

Data Ambassadors



CONVERGE | RAPID Natural Hazards Reconnaissance | DESIGNSAFE-CI A NATURAL HAZARDS ENGINEERING COMMUNITY

CONVERGE Data Ambassador Checklist

Name:

Title and Affiliation:

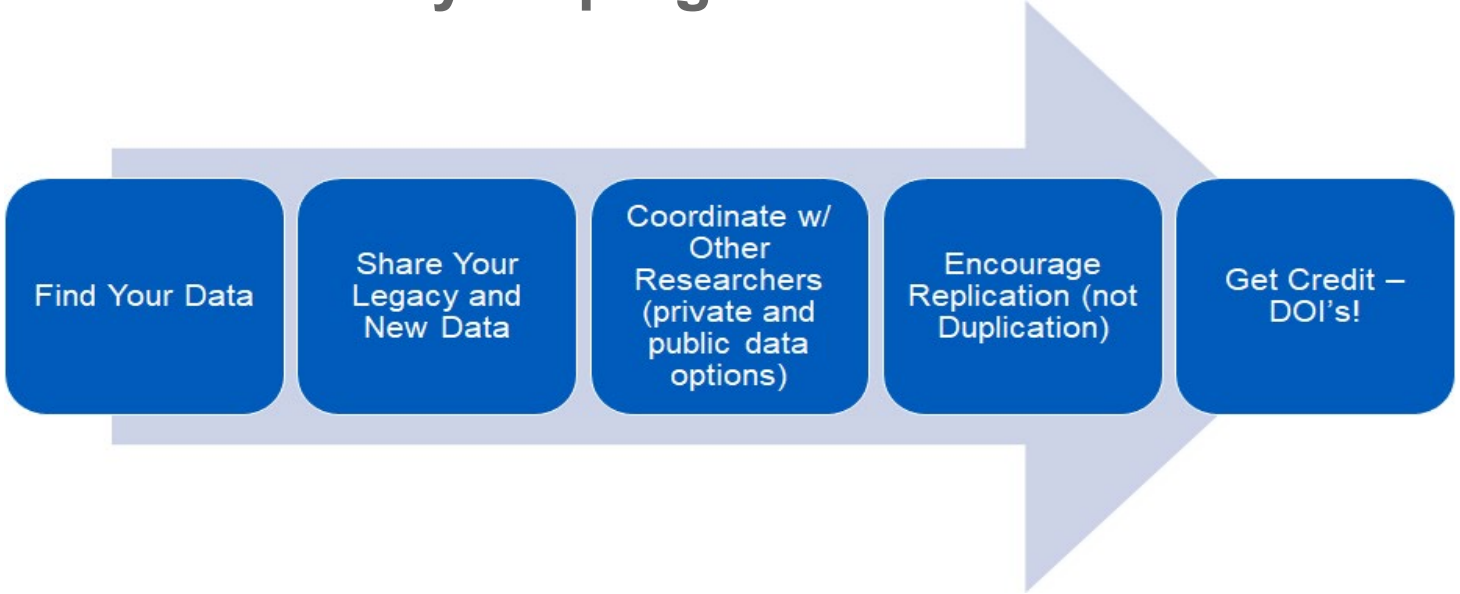
Activity	Date Completed
Read this webpage on preparing a Data Management Plan carefully: https://converge.colorado.edu/data/data-management. This page includes several tips and insights that will help you to prepare your data for publication.	
Complete the data template in advance of the Publish Your Data! event.	
Prepare your own data, data collection protocols/reports, and/or research instruments and ensure they are ready for curation during or following the event. These materials will help ensure a comprehensive data publication that can be used and analyzed by future researchers or research teams. • 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.	
Carefully review the DesignSafe data curation guidelines (click on the Field Research tab) (https://www.designsafe-ci.org/rw/user-guides/data-curation-publication/), RAPID website (https://rapid.designsafe-ci.org/), 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 facilities.	
If you have not done so already, all participants should register for a DesignSafe account in advance of the event: https://www.designsafe-ci.org/account/register/	
If you have not done so already, all participants should register for a DesignSafe account in advance of the event: https://www.designsafe-ci.org/account/register/	
Attend the Publish Your Data! event on August 4 or August 27, 2020.	

CONVERGE—NSF Award #1841338 | RAPID—NSF Award #1611820 | DesignSafe—NSF Award #1520817

2:35-3:00 p.m. MDT
Peek and All Participants

Data Ambassadors

Help advance social science and interdisciplinary research by helping others to…



Data Ambassadors

https://docs.google.com/spreadsheets/d/1vCuxtQ4f3TBDm60FdIDCanjhThc776RK_seffZY6dXc/edit?usp=sharing

THANK
YOU!