CONVERGE:
NHERI’s Social Science Facility

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The Natural Hazards Center

**Mission:** We are the National Science Foundation-designated information clearinghouse for the *societal* dimensions of hazards and disasters. We are dedicated to reducing disaster harm through:

1. translating and sharing hazards and disaster research and information;
2. building connections between researchers, non-profit and private sector professionals, the media, policy makers, and local, state, and federal officials;
3. advancing social science and interdisciplinary knowledge, with a special emphasis on the most vulnerable populations and places; and
4. training and mentoring the diverse next generation of hazards and disaster professionals.

[For more information, visit hazards.colorado.edu/signup]
CONVERGE is a new National Science Foundation-Natural Hazards Engineering Research Infrastructure (NSF-NHERI) facility dedicated to:

- **identifying** researchers;
- **educating** and **training** researchers;
- **setting** a convergence research agenda that is problem-focused and solutions-based;
- **connecting** researchers and **coordinating** functionally and demographically diverse research teams; and
- **supporting** and **funding** convergence research, data collection, data sharing, and solutions implementation.

[converge.colorado.edu/signup]
In 2020 we published an article on CONVERGE in *Frontiers in Built Environment*

This article synthesizes 20 years of convergence research in an effort to bring that framework to the natural hazards field

**NSF Extreme Events Reconnaissance / Research (EER) Networks**

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<th>Network</th>
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<tr>
<td>1. Geotechnical Engineering</td>
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<td>2. Social Sciences</td>
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<td>3. Structural Engineering</td>
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<td>4. Nearshore Systems</td>
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<td>5. Operations and Systems</td>
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<td>6. Sustainable Material</td>
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<td>7. Interdisciplinary Science</td>
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The NSF Extreme Events Reconnaissance (EER) Networks are a collection of research networks focused on understanding and mitigating the impacts of extreme events. Each network focuses on a different aspect of extreme event research, from geotechnical engineering to sustainable material management and interdisciplinary science.

[converge.colorado.edu/research-networks]
Leadership Corps for Natural Hazards Research
Welcome to the Social Science Extreme Events Research (SSEER) web map, which is an initiative of the CONVERGE project headquartered at the Natural Hazards Center.

SSEER is a National Science Foundation-supported network for social science hazards and disaster researchers. The purpose of SSEER is to identify and connect social science researchers to one another, to interdisciplinary teams, and to communities at risk to and affected by hazards and disasters.

The SSEER Researchers interactive web map highlights the location of SSEER researchers and includes information about them, including their organizational affiliations, job titles, disciplinary foci, methodological expertise, the types of hazards and disasters they study, the events they have researched, and other
CONVERGE Training Modules

• Free, online courses designed to accelerate the training of diverse hazards and disaster researchers, including students and early career researchers

converge.colorado.edu/training-modules
CONVERGE Training Modules

- Worth 1 contact hour of general management training through the International Association of Emergency Managers (IAEM) certification program.
- Assignment bank for course for instructors
- Annotated bibliographies to complement training module
Check Sheets

Extreme Events Research Check Sheets Series

These short, graphical check sheets are meant to be used as researchers design their studies, prepare to enter the field, conduct field research, and exit the field. The series offers best practices for extreme events research and includes check sheets for free to the research community.

NSF Award #1841338

converge.colorado.edu/resources
CONVERSE Data Ambassadors

CONVERSE Data Ambassadors have compiled a National Science Foundation-supported Publish Your Data training session. As Data ambassadors, they have committed to publishing their own data and instruments on DataAmbassadors. In learning about the CONVERSE and DataAmbassadors facilities and their resources, and to sharing their newly attained knowledge with other social and behavioral scientists and colleagues from other allied disciplines in the hazards and disaster field, CONVERSE Data Ambassadors will help usher in a culture shift toward data publication and data and instrument sharing across disciplines.

The following pages include a list of instruments, reports, protocols, and other research materials published by the CONVERSE Data ambassadors via the DesignSafe Cyberinfrastructure.

Lauren Clay
Associate Professor. Health Administration and Public Health
D’Youville College

Research Instrument Repository:

Research Brief:

Data Repositories:

Alex Green
Associate Professor, College of Emergency Preparedness, Homeland Security, and Cybersecurity
University at Albany

Research Instruments and Data:

Betty Lai
Boutier Sesquicentennial Assistant Professor, Department of Counseling, Developmental, and Educational Psychology
Boston College

Interview Protocol:

Lori Peck
Professor. Department of Sociology and Director. Natural Hazards Center
Principal Investigator. CONVERSE. NIEHS, and NEHERI
University of Colorado Boulder

Dataset:

Research Instruments:

Scoping Literature Review:
COVID-19 Resources

COVID-19 Working Groups
Due to the outpouring of interest from the research community and our mission to advance convergence research for the benefit of humanity, CONVERGE and the Social Science Extreme Events Research (SSEER) Network have funded 96 COVID-19 Working Groups for Public Health and Social Sciences Research.

COVID-19 Virtual Forums
CONVERGE virtual forums bring together researchers to coordinate and collaborate after major events. Please check here for upcoming virtual forums and recordings of past forums.

COVID-19 Research Registry
The COVID-19 pandemic underscores the urgent need for coordination, collaboration, and information sharing among researchers worldwide. We hope those who are studying the human and societal impacts of this crisis will join this effort to build a global registry for public health and social science research.

COVID-19 Quick Response Research Grants
This is a list of recently funded COVID-19 Quick Response Research. These were awarded by the Natural Hazards Center as part of two distinct special calls for research on this global crisis. Within three months of completing data collection, researchers submit an abstract and 10-page report detailing their preliminary findings. Completed reports are available on the Quick Response Reports page.
Webinars

CONVERGE | Natural Hazards Center
INSTITUTE OF BEHAVIORAL SCIENCE

CONVERGE Webinar Series

CONVERGE Collecting and Sharing Perishable Data Training Module: A Demonstration Webinar
Aug 6, 2021 - 12 to 12:30 pm MT

Make CONVERGE Training Modules Part of Your College/University Course -- Here's How!
Jul 15, 2021 - 2 to 3:15 pm MT

CONVERGE Extreme Events Research Check Sheets
Jun 15, 2021 - 10 to 10:30 am MT

Mobile Data Collection via RAapp: Advanced Questionnaires
Dec 11, 2020 - 11 to 11:30 am MT

Coordinating After Natural Hazards to Document the Performance of the Built Environment: The Structural Extreme Events Reconnaissance (SHERI) Network
Oct 23, 2020 - 1 to 1:30 pm MT

CONVERGE Conducting Emotionally Challenging Research Training Module: A Demonstration Webinar
Oct 8, 2020 - 2 to 2:30 pm MT

CONVERGE Broader Ethical Considerations for Hazards and Disaster Researchers Training Module: A Demonstration Webinar
Apr 15, 2021 - 10 to 10:30 am MT

CONVERGE Understanding and Ending Gender-Based Violence in Fieldwork Training Module: A Demonstration Webinar
Mar 16, 2021 - 3 to 3:30 pm MT

Publish Your Data! Learn How to Use DesignSafe and Meet the CONVERGE Data Ambassadors
Jan 29, 2021 - 1 to 1:30 pm MT

Collaborating to Learn from Hurricanes: The National Extreme Events Reconnaissance (NEXER) Association
Aug 11, 2020 - 2:30 to 3 pm MT

CONVERGE Institutional Review Board (IRB) Procedures and Extreme Events Research Training Module: A Demonstration Webinar
Jun 25, 2020 - 12 to 12:30 pm MT

CONVERGE Federal Briefing – Rapid Response Disaster Research NSF-Supported Research Networks and Resources
May 20, 2020 - 10 am to 12 pm MT
Thank you!

Contact Us at: converge@colorado.edu
Sign Up at: converge.colorado.edu/signup