Social Science Extreme Events Research (SSEER) Network and Map
1,100+ Members • 20+ Disciplines • 1,000+ Events Studied

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Acknowledgements

What is SSEER?

The **mission** of the Social Science Extreme Events Research—SSEER—network is to *identify* social scientists involved in hazards and disaster research in order to *highlight* their expertise and connect social science researchers to one another, to teams, and to communities at risk. The **goals** of SSEER are to *amplify* the contributions of social scientists and to *advance* the field through expanding the available social science evidence base in order to *enhance* collective well-being.
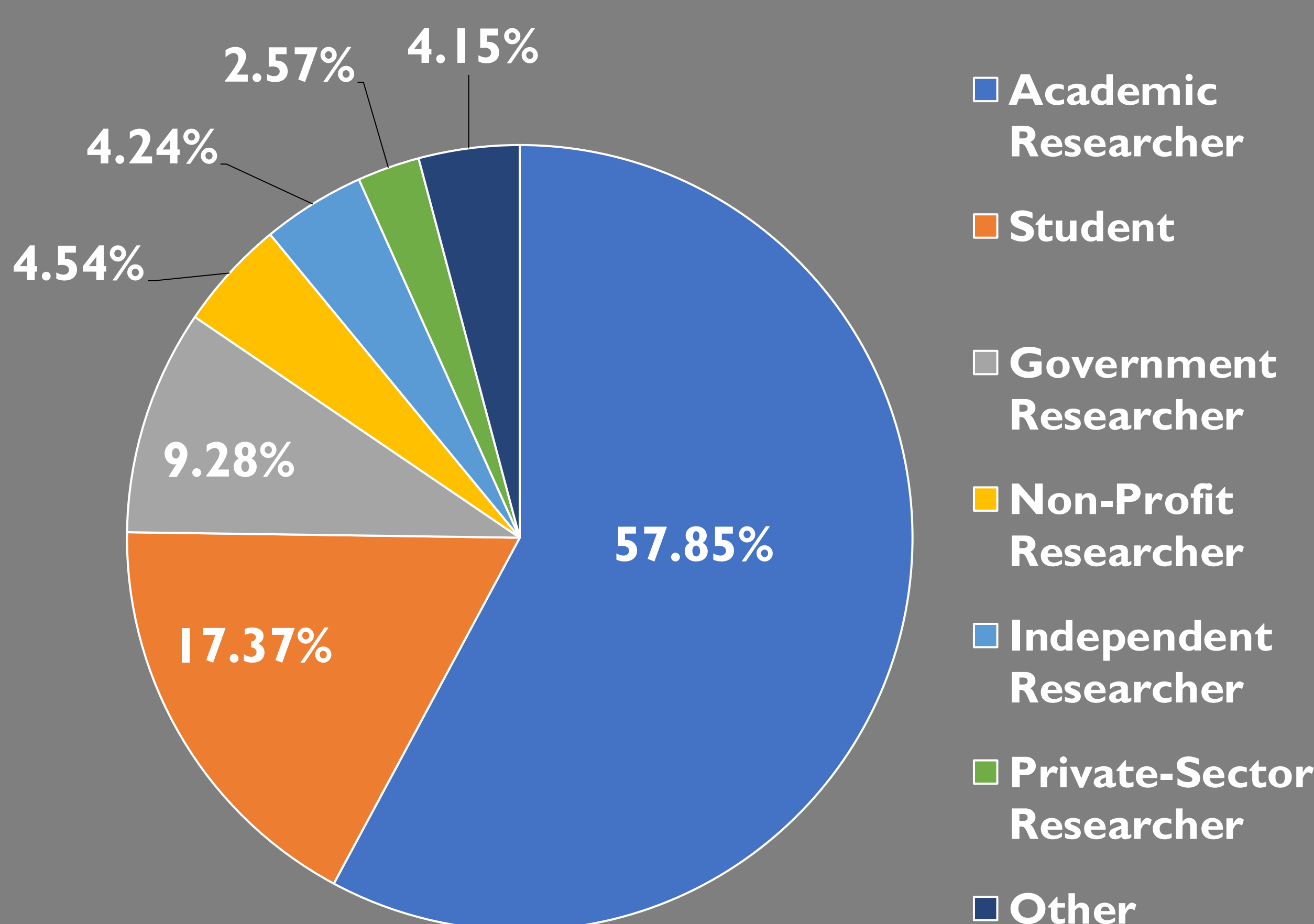
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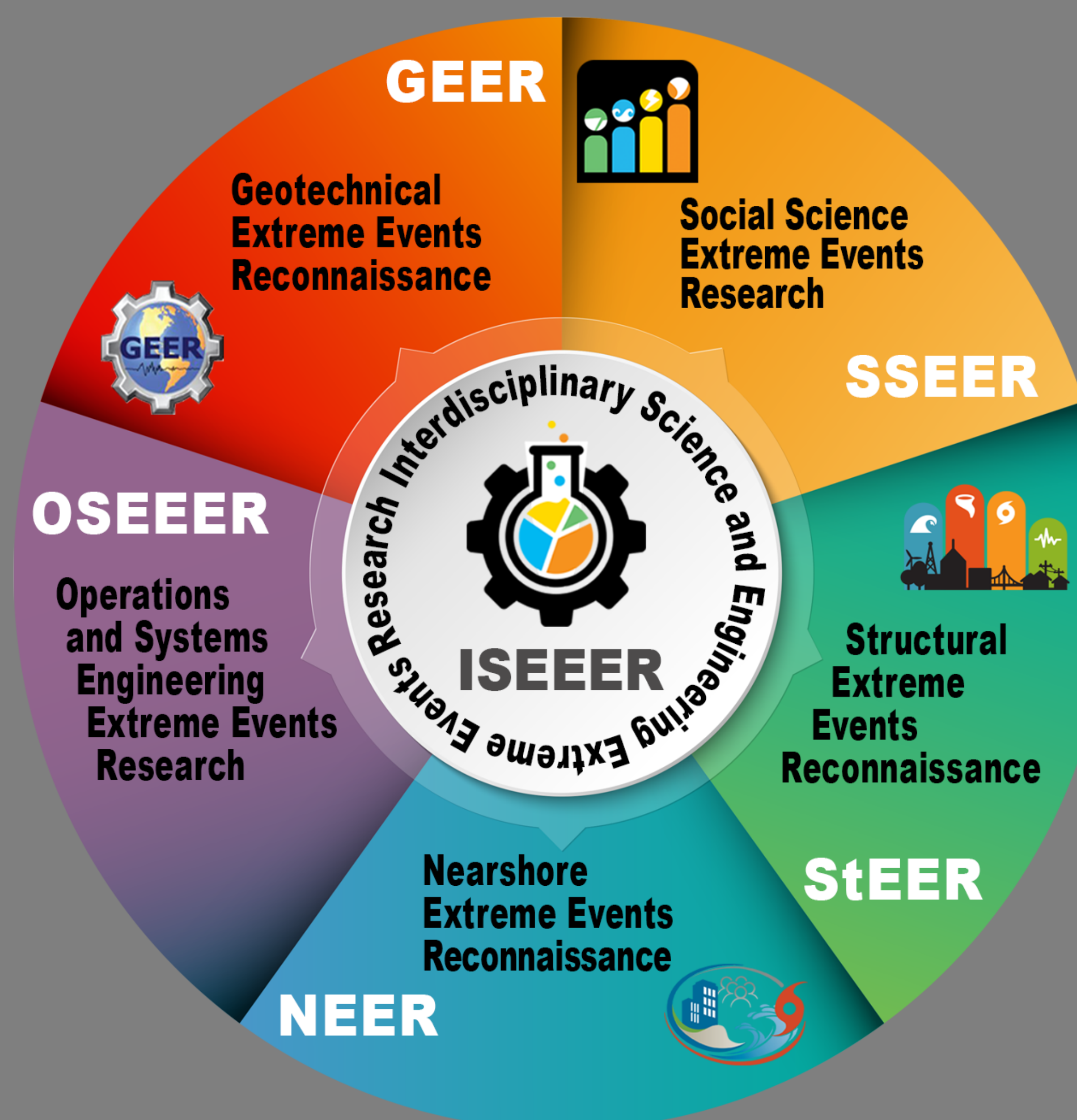
View the full 2018 SSEER Census at:
converge.colorado.edu/research-networks/sseer/researchers-census/2018
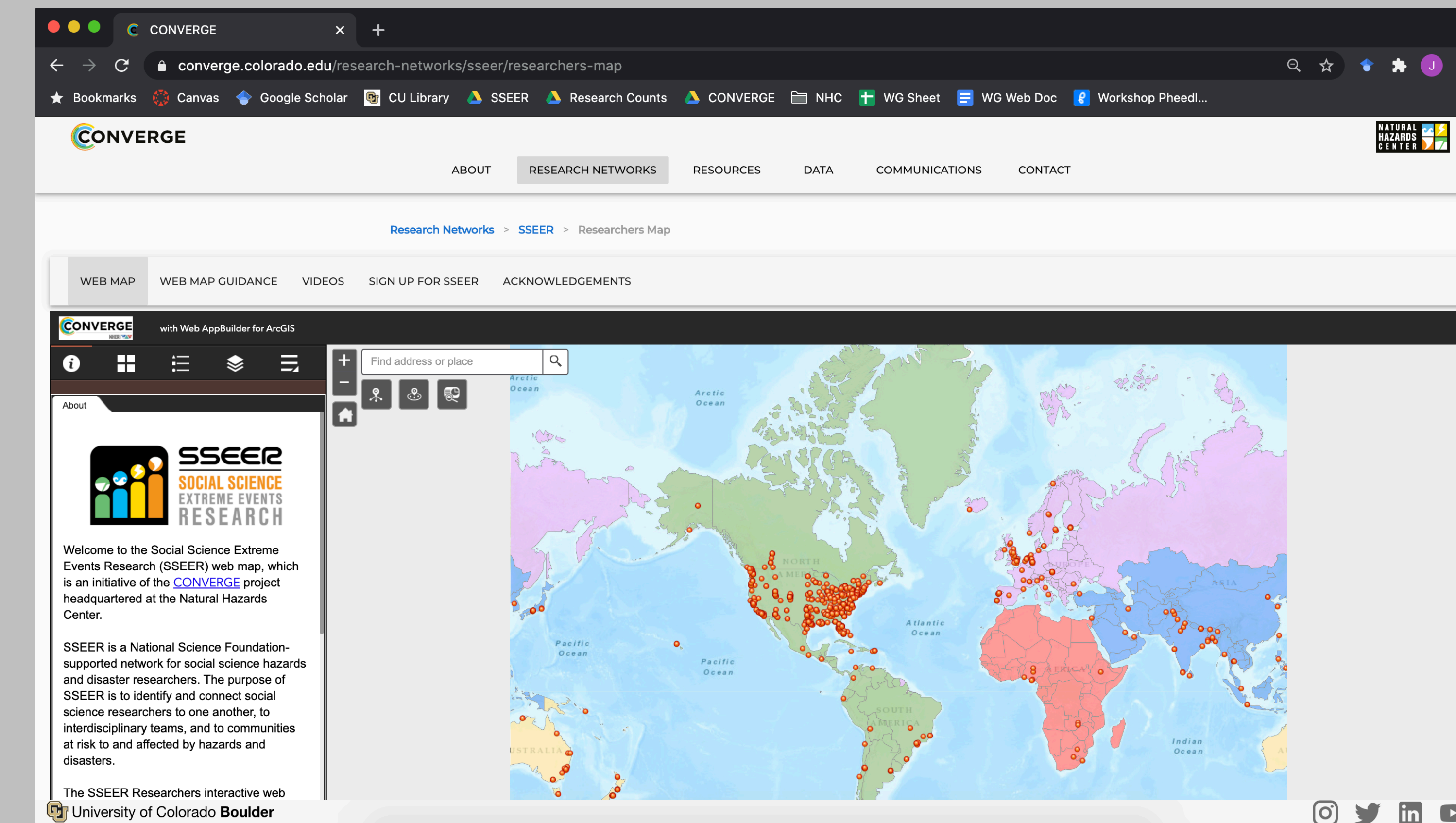
SSEER in Context

The National Science Foundation currently supports seven Extreme Events Research (EER) networks focused on: geotechnical engineering, social sciences, structural engineering, nearshore research, operations and systems engineering, sustainable material management, and interdisciplinary research.

SSEER is part of this larger EER ecosystem, which is designed to help coordinate disciplinary communities, while also encouraging cross-disciplinary information sharing and interdisciplinary integration.

SSEER Researchers Map

converge.colorado.edu/research-networks/sseer/researchers-map

SSEER Further Readings

Peek, L., Champeau, H., Austin, J., Mathews, M., and Wu, H. 2020. "What Methods Do Social Scientists Use to Study Disasters? An Analysis of the Social Science Extreme Events Research (SSEER) Network." American Behavioral Scientist, doi: 10.1177/0002765220938105

Peek, L., Tobin, J., Adams, R., Wu, H., and Mathews, M. 2020. "A Framework for Convergence Research in the Hazards and Disaster Field: The Natural Hazards Engineering Research Infrastructure CONVERGE Facility." Frontiers in Built Environment, www.frontiersin.org/articles/10.3389/fbuil.2020.00110/full

Researcher Type

- 57.85% Academic Researcher
- 17.37% Student
- 9.28% Government Researcher
- 4.54% Non-Profit Researcher
- 4.24% Independent Researcher
- 2.57% Private-Sector Researcher
- 4.15% Other

Most Frequently Studied Disasters

Event	Number of SSEER Researchers
Hurricane Katrina, 2005	208
Hurricane Harvey, 2017	129
Hurricane Sandy, 2012	103
Hurricane Maria, 2017	87
Hurricane Irma, 2017	77
9/11 Terrorist Attacks, 2001	60
Indian Ocean Earthquake/Tsunami, 2004	59
Fukushima Earthquake/Tsunami, 2011	55
BP Deep Water Horizon Oil Spill, 2010	50
Haiti Earthquake, 2010	44

Researcher Involvement

- 45.11% Core Researcher
- 23.99% Emerging Researcher
- 20.04% Periodic Researcher
- 6.22% Situational Researcher
- 4.64% Missing