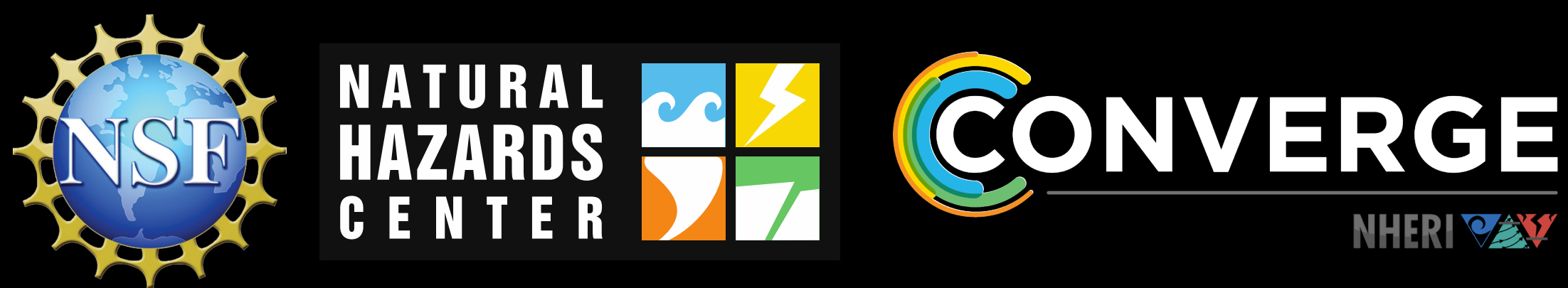


The Social Science Extreme Events Research (SSEER)

Network at Five: An Overview

Heather Champeau, Jessica Austin, and Lori Peek

Natural Hazards Center and CONVERGE | University of Colorado Boulder



Mission

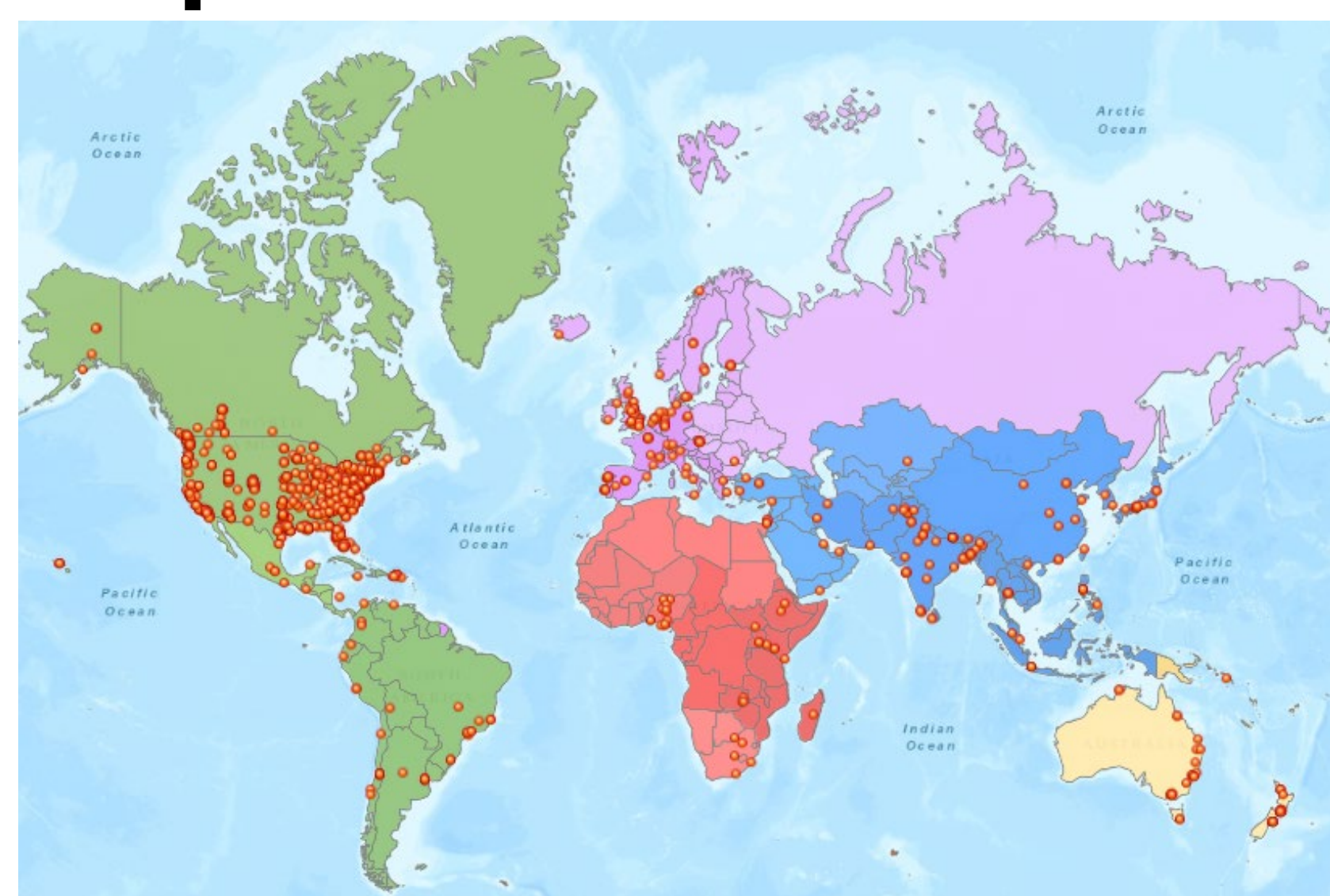


SSEER is a global network of social scientists who study hazards and disasters. SSEER identifies researchers to develop the social science workforce and coordinates social science research teams in large-scale disasters to advance scholarship on the root causes and human consequences of extreme events.

Background

- Established in 2018
- Supported by the National Science Foundation (NSF)
- More than 1,500 SSEER members globally
- Part of a larger ecosystem of extreme events research and reconnaissance networks

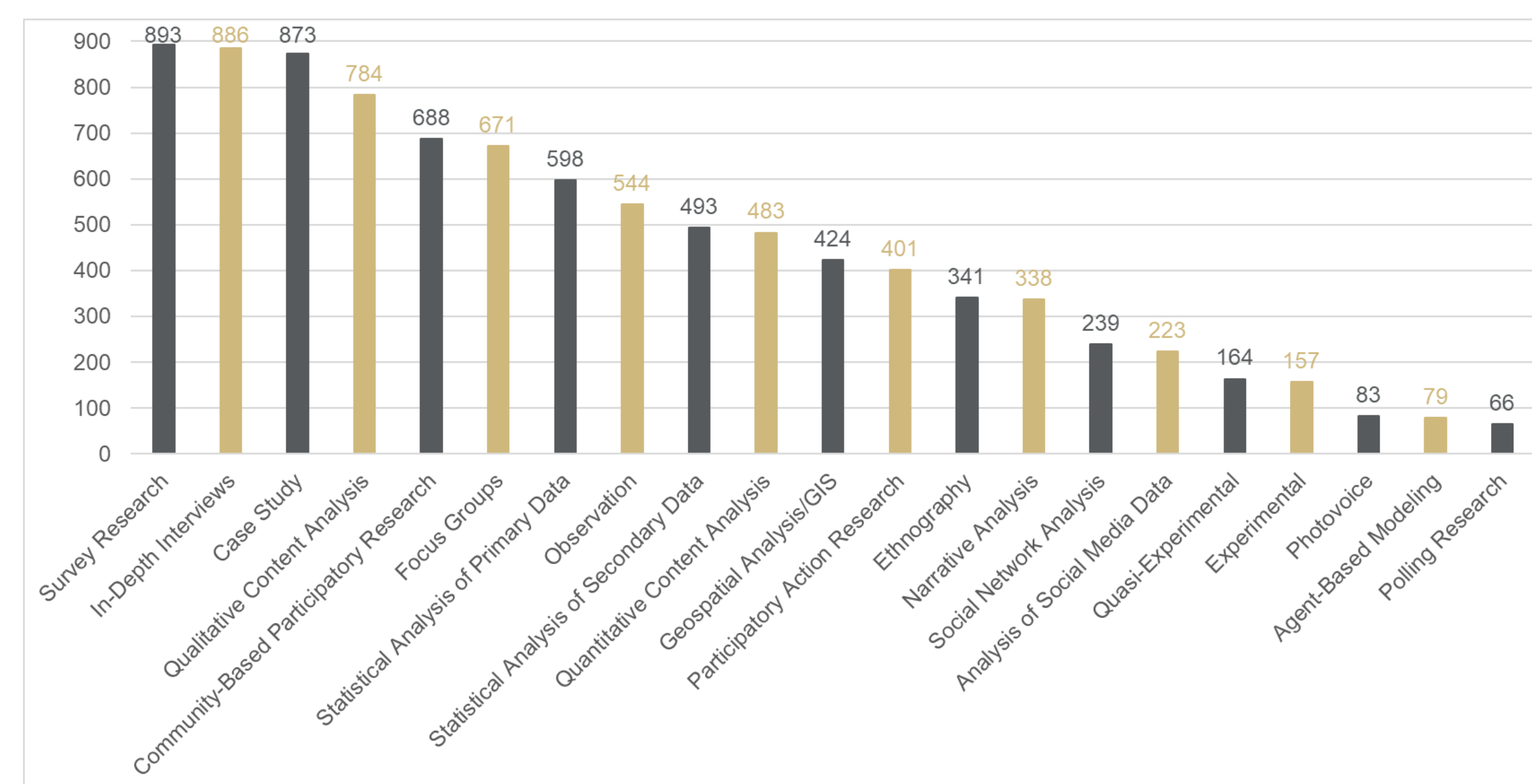
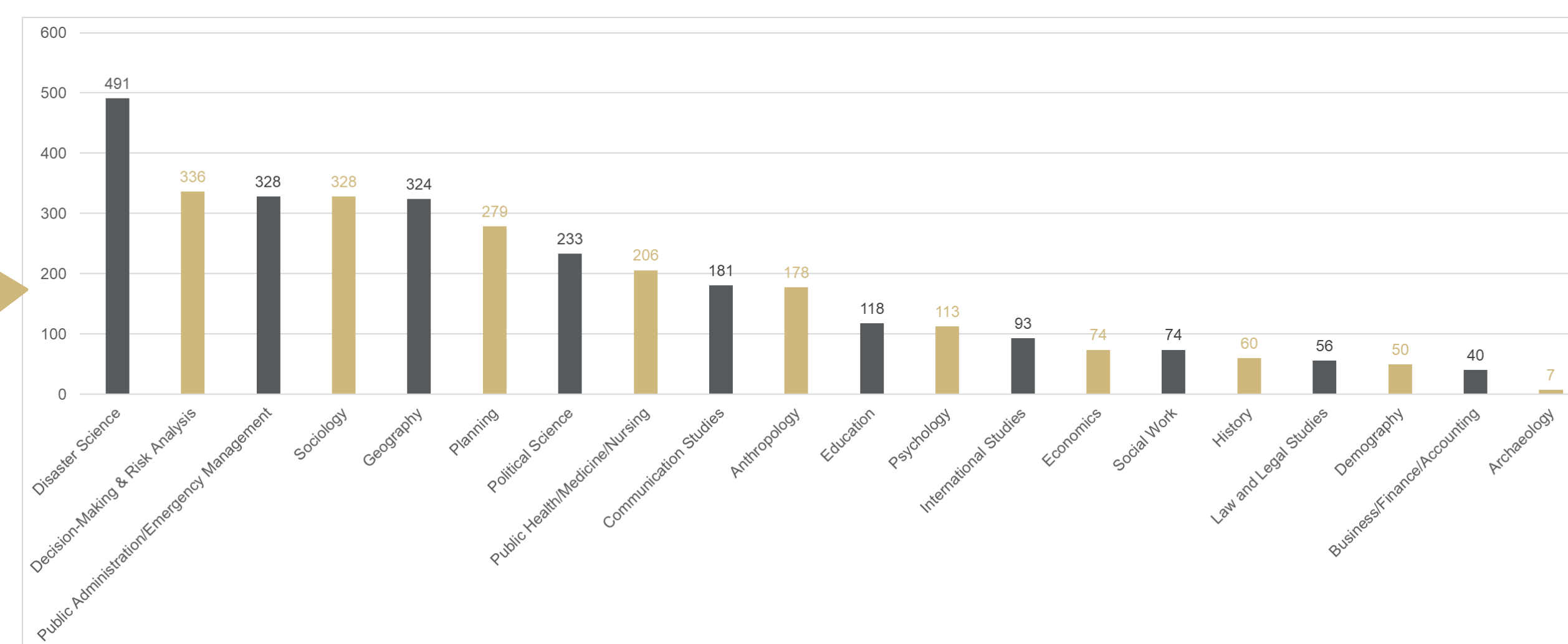
Map of SSEER Members



About SSEER Members

Disciplinary Background

SSEER members most commonly indicate disciplinary expertise in Disaster Science, followed by Decision Making and Risk Analysis, Public Administration / Emergency Management, Sociology, and Geography. In addition, SSEER members represent more than a dozen other social science disciplines.



Research Approaches

- SSEER members most commonly indicate using Survey Research, followed by In-Depth Interviews, and Case Studies.
- Qualitative Content Analysis and Community-Based Participatory Research (CBPR) round out the Top 5 most common research approaches.

Most Commonly Studied Disaster Types and Events

- Hurricanes in the U.S. during the last 20 years dominate the list.
- Hurricane Katrina has been studied more than any other disaster in the SSEER database.
- Despite its recency, the COVID-19 pandemic is one of the most studied events.

Hurricane Katrina, 2005	255
Hurricane Harvey, 2017	158
Hurricane Maria, 2017	147
Hurricane Sandy, 2012	137
COVID-19	116
Hurricane Irma, 2017	103
9/11 Terrorist Attacks, 2001	81
Indian Ocean Earthquake and Tsunami, 2004	73
Fukushima/Great East Japan Earthquake and Tsunami, 2011	73
BP Deep Water Horizon Oil Spill, 2010	64

Products

Annual Census Reports	2018 – 2021 online 2022 forthcoming!	
Scholarly Publications	<i>Frontiers in Built Environment</i> (2020) <i>American Behavioral Scientist</i> (2020) <i>American Scientist</i> (2022)	
Data and Instrument Publications	2018 – 2021 on DesignSafe 2022 forthcoming!	
Virtual Forums	Virtual Forums bring social scientists together to coordinate the research response in the aftermath of major disasters.	
Social Science Fridays	Join SSEER members and our partners to discuss new resources and opportunities!	

For resources and more information, visit: converge.colorado.edu/

Future Directions

- Continue releasing annual SSEER Census results and data publications!
- Conduct additional geographic and longitudinal analyses to characterize the contributions of social science disaster researchers across time and place.

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