

FINAL AGENDA
Committee on Hazard Mitigation and Resilience Applied Research Topics
Workshop 2: Compounding and Cascading Events
May 31, 2022
11:00 AM - 6:00 PM ET

The goal of this workshop is to frame the multi-dimensional aspects of compounding and cascading extreme events for identifying additional research needed in the field of hazard mitigation, adaptation, and resilience. Panelists will be asked to address the topics, below, with consideration to:

- Strategies and investments to improve services and functions, including access and equity, to achieve resilient infrastructure for compounding and cascading extreme events.
- Challenges and opportunities within these strategies and investments that may benefit from further investigation and research to facilitate better outcomes.

Tuesday, May 31

11:00 AM – 6:00 PM ET

11:00 am – 11:15 am

Welcome

Negin Sobhani, Director, Science and Technology for Resilience, National Academy of Sciences

Steve Moddemeyer, *Committee Chair*, Principal for Planning, Sustainability, and Resilience, CollinsWoerman Architects

11:15 am – 11:45 am

Keynote

Miguel O. Román, Chief Climate Scientist, Leidos

11:45 am – 12:45 pm	<p>Panel 1: Towards a Better Understanding of Cascading and Compounding Disasters: Characterizing Drivers, Systems, and Relationships</p> <p>Ben Zaitchik, Professor, Department of Earth & Planetary Sciences, Johns Hopkins University</p> <p>Felicia Jefferson, Associate Professor, Department of Biology, Fort Valley State University</p> <p>Negar Elhami-Khorasani, Associate Professor, Department of Civil, Structural and Environmental Engineering, University at Buffalo</p> <p>Moderators: Chris Emrich, <i>Committee Member</i>, Boardman Endowed Associate Professor of Environmental Science and Public Administration, University of Central Florida</p> <p>Erick Jones, <i>Committee Member</i>, George and Elizabeth Pickett Endowed Professor in Industrial, Manufacturing, and Systems Engineering, University of Texas Arlington; Jefferson Science Fellow, Office of the Chief Economist, U.S. Department of State</p>
12:45 pm – 1:15 pm	Break
1:15 pm – 2:15 pm	<p>Panel 2: Governance Across Events: Decision Making and Policies</p> <p>Steven P. French, Professor of City & Regional Planning, Georgia Tech</p> <p>Kristen Averyt, Senior Climate Advisor, Office of Nevada Governor Steve Sisolakto</p> <p>Michael A. Sprayberry, The Senior Advisor for Emergency Management, Hagerty Consulting</p> <p>Moderator: Terri McAllister, <i>Committee Member</i>, Community Resilience Group Leader and Program Manager, National Institute of Standards and Technology</p>
2:15 pm – 2:30 pm	Break
2:30 pm – 3:00 pm	<p>Keynote</p> <p>Susan Cutter, Carolina Distinguished Professor, Director of the Hazards Vulnerability & Resilience Institute, University of South Carolina</p>

3:00 pm – 4:00 pm	Panel 3: Mitigating Impacts: Developing Solutions and Avoiding Unintended Consequences Hussam Mahmoud , George T. Abell Professor of Infrastructure, Colorado State University A.R. Siders , Assistant Professor, Disaster Research Center, University of Delaware Joshua DeFlorio , Chief, Resilience & Sustainability/Port Authority of New York & New Jersey Moderators: Elena Krieger , <i>Committee Member</i> , Director of Research Physicians, Scientists, and Engineers for Healthy Energy Adam Rose , <i>Committee Member</i> , Research Professor, Department of Public Policy; Senior Research Fellow, Center for Risk and Economic Analysis of Threats and Emergencies (CREATE), University of Southern California
4:00 pm – 4:30 pm	Break
4:30 pm – 5:45 pm	Panel 4: Strategies to Effectively Apply Solutions Shanna N. McClain , Dr. Shanna McClain, Disasters Program Manager, NASA Applied Sciences Christopher Zobel , R.B. Pamplin Professor of Business Information Technology, Pamplin College of Business, Virginia Tech Lisa Churchill , Principal, Climate Advisory Gabi Brazzil , Senior Equity Practitioner, Co-founder WSP Equity Center of Excellence Moderators: Stacy Swann , <i>Committee Member</i> , CEO, Climate Finance Advisors, BLLC
5:45 pm – 6:00 pm	Recap and Closing Steve Moddemeyer , <i>Committee Chair</i> , Principal for Planning, Sustainability, and Resilience, CollinsWoerman Architects
