

Research Methods Meeting for Hurricane Maria Technical Investigation AGENDA

Hosted By:
**National Institute of Standards and Technology (NIST) &
 National Center for Disaster Medicine & Public Health (NCDMPH)**

Held At:
**Henry M. Jackson Foundation Headquarters
 6720A Rockledge Drive, Bethesda, Maryland 20817
 6-7 September 2018**

The purpose of this meeting is to discuss the state-of-the-practice in post-disaster field data collection methods including sampling methodologies across multiple disciplines.

Thursday, 6 September		
Time	Topic	Discussion Leader
<i>Opening Remarks</i>		
8:30 am – 8:40 am	Introductions Safety Briefing	Judith Mitrani-Reiser <i>Director, Disaster & Failure Studies Program</i> National Institute of Standards and Technology
8:40 am – 8:45 am	Welcome Opening Remarks	Howard Harary <i>Director, Engineering Laboratory</i> National Institute of Standards and Technology
8:45 am – 9:05 am	Overview of Hurricane Maria’s Impact on Puerto Rico	Jennifer Santos-Hernández <i>Assistant Research Professor, Center for Social Research</i> University of Puerto Rico-Río Piedras
9:05 am – 9:20 am	Introduction to NIST’s Disaster and Failure Studies and the National Construction Safety Team (NCST) Act	Judith Mitrani-Reiser

Thursday, 6 September		
Time	Topic	Discussion Leader
9:20 am – 9:25 am	Hurricane Maria Investigation and Studies Introduction	Erica Kuligowski <i>Team Lead, Hurricane Maria NCST</i> National Institute of Standards and Technology
Goals of the Hurricane Maria NCST Investigation		
9:25 am – 9:45 am	Scope of the NCST Investigation <ul style="list-style-type: none"> • Goal 1: <i>the wind environment and technical conditions associated with deaths and injuries</i> • Goal 2: <i>the performance of representative critical buildings, and designated safe areas in those buildings, including their dependence on lifelines</i> • Goal 3: <i>the performance of emergency communications systems and the public's response to such communications</i> 	Erica Kuligowski
9:45 am – 10:15 am	Moderated Q&A on Hurricane Maria NCST Investigation	Thomas Kirsch <i>Director, National Center of Disaster Medicine and Public Health (NCDMPH)</i> Uniformed Services University
10:15 am – 10:45 am	BREAK	

Thursday, 6 September		
Time	Topic	Discussion Leader
Hurricane Maria Projects and NIST Methods Overview		
10:45 am – 11:45 am	Sampling Needs for Hurricane Maria Projects <ul style="list-style-type: none"> • Wind Hazard Characterization • Critical Buildings Performance • Distributed Infrastructure • Emergency Communications • Deaths and Injuries • Recovery of Social Functions • Recovery of Business and Supply Chain 	<i>NCST Members:</i> Joseph Main Joseph Main Kenneth Harrison Erica Kuligowski Judith Mitrani-Reiser Maria Dillard Jennifer Helgeson
11:45 am – 12:15 pm	Moderated Q&A on Sampling Methods	Walt Peacock <i>Professor, Urban Planning</i> Texas A&M University
12:15 pm – 1:15 pm	Lunch	
Methods Expert Panel		
1:15 pm – 1:20 pm	Methods Expert Panel Introduction	Thomas Kirsch
1:20 pm – 1:40 pm	Epidemiology Methods	Satchit Balsari <i>Professor, Harvard Medical School and Beth Israel Deaconess Medical Center</i>
1:40 pm – 2:00 pm	Social Science Methods	Joseph Trainor <i>Associate Professor, Public Policy and Administration</i> University of Delaware
2:00 pm – 2:20 pm	Wind/Structural Engineering Methods	David Prevatt <i>Associate Professor, Civil and Coastal Engineering</i> University of Florida

Thursday, 6 September		
Time	Topic	Discussion Leader
2:20 pm – 2:50 pm	Moderated Q&A on Multidisciplinary Methods	Tricia Wachtendorf <i>Director, Disaster Research Center</i> University of Delaware
2:50 pm – 3:20 pm	BREAK	
Discussions on Scales Required in Disaster Field Studies		
3:20 pm – 4:10 pm	Discussion on <i>Geographical</i> Unit of Analysis	Pablo Méndez-Lázaro <i>Associate Professor, Environmental Health</i> University of Puerto Rico- Medical Sciences Campus Kurt Gurley <i>Associate Professor, Civil and Coastal Engineering</i> University of Florida
4:10 pm – 5:00 pm	Discussion on <i>Building</i> Unit of Analysis	John van de Lindt <i>Professor, Civil and Environmental Engineering</i> Colorado State University Luis Aponte-Bermúdez <i>Professor, Civil Engineering</i> University of Puerto Rico- Mayagüez
5:00 pm	ADJOURN	

Friday, 7 September		
Time	Topic	Discussion Leader
8:30 am – 8:35 am	Welcome	Judith Mitrani-Reiser
8:35 am – 9:25 am	Discussion on <i>Organizational</i> Unit of Analysis	<p>Malgosia Madajewicz Associate Research Scientist, Center for Climate Systems Research Columbia University</p> <p>Vankita Brown Social Scientist National Oceanographic and Atmospheric Administration</p>
9:25 am – 10:15 am	Discussion on <i>Population</i> Unit of Analysis	<p>Carlos Santos-Burgoa Professor, Global Health George Washington University</p> <p>Rebecca Noe Epidemiologist Centers for Disease Control</p>
10:15 am – 10:45 am	BREAK	
10:45 am – 12:00 pm	Wrap-up	Thomas Kirsch & Judith Mitrani-Reiser
12:00pm	ADJOURN	