

# NATIONAL CONSTRUCTION SAFETY TEAM ADVISORY COMMITTEE (NCSTAC) MEETING

3 May 2016

Room C121 (The West Square Room), Administration BUILDING 101  
NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY (NIST)  
100 BUREAU DRIVE  
GAITHERSBURG, MD 20899

## AGENDA

### MEETING GOALS:

- Receive NIST's response to the Committee's 2015 annual report recommendations
- Receive update on the progress of the implementation of NIST Joplin tornado investigation's recommendations
- Receive update on the Disaster and Failure Studies program

Tuesday, 3 May		
Time	Topic	Discussion Leader
<b>Opening Remarks</b>		
9:00 – 9:15 am	Meeting Goals Agenda	Jeremy Isenberg <i>NCSTAC Chairperson</i>
9:15 – 9:20 am	Welcome Opening Remarks	Kent Rochford <i>Associate Director for Laboratory Programs NIST</i>
9:20 – 9:35 am	NIST Response to the NCSTAC's 2015 Report to Congress	Howard Harary <i>Director, Engineering Laboratory NIST</i>
9:35 – 9:50 am	Committee Discussion of the NIST Response to the 2015 Recommendations	Jeremy Isenberg
<b>Progress on Implementation of the Joplin Tornado Recommendations</b>		
9:50 – 10:45 am	Summary of Progress on Joplin Recommendations  Tornado Hazard Maps	Long Phan <i>Group Leader, Structures Group NIST</i>  Melissa Faletra <i>Wind Engineer, Applied Research Associates, Inc.</i>
10:45 - 11:00 am	<b>BREAK</b>	

11:00 – 12:00 pm	<ul style="list-style-type: none"> <li>- Standards <ul style="list-style-type: none"> <li>• ASCE - Tornado Wind Speed Estimation</li> <li>• ASCE - Performance-Based Design for Extreme Winds</li> <li>• NFPA – Mass Evacuation and Sheltering</li> </ul> </li> <li>- IBC and IEBC Code Change Proposals</li> <li>- Guidance on Selection of Best Available Refuge Areas for Tornadoes</li>   <li>- NFPA Update on Emergency Communications (Recommendation 13)</li>   <li>- NOAA Grid-based, probabilistic threat communication: Forecasting a Continuum of Environmental Threats (FACETs)</li> </ul>	<p>Marc Levitan <i>Acting Director of NWIRP</i> NIST</p> <p>Erica Kuligowski <i>Group Leader, Wildland-Urban Interface Fire Group, NIST</i></p> <p>Dave Jorgensen <i>Research Meteorologist and Chief, NOAA/National Severe Storms Lab/Warning R&amp;D Division</i></p>
12:00 – 1:45 pm	<b>Lunch &amp; Tour of the National Fire Research Laboratory COMMITTEE PHOTO</b>	
1:45 – 2:00 pm	Public Comment Period	Jeremy Isenberg
<b>Disaster and Failure Studies Program Updates</b>		
2:00 – 2:25 pm	<p>Disaster and Failure Studies Overview – recent disasters</p> <p>Public access of the Chile Earthquake Data Repository/Status of the Joplin and Moore Tornadoes Data Repository</p> <p>Update on Center for Risk-Based Community Resilience Planning – Thrust 3</p>	<p>Jason Averill, <i>Division Chief, Materials and Structural Systems Division</i> NIST</p>
<b>WUI Fires and NFRL Updates</b>		
2:25 – 2:35 pm	WUI Fires and NFRL Updates	<p>Nelson Bryner, <i>Division Chief, Fire Research Division</i> NIST</p>
<b>Reauthorization of the National Windstorm Impact Reduction Program</b>		
2:35 – 2:45 pm	National Windstorm Impact Reduction Program (NWIRP) Reauthorization	Marc Levitan
2:45 – 3:00 pm	<b>BREAK</b>	
<b>NCSTAC Discussions</b>		
3:00 – 4:00 pm	Ask of the Committee regarding NCST Deployment	Howard Harary
4:00 – 5:00 pm	NCSTAC Preparation of Annual Report to Congress	Jeremy Isenberg
5:00 pm	<b>ADJOURN</b>	