

NATIONAL CONSTRUCTION SAFETY TEAM ADVISORY COMMITTEE (NCSTAC) MEETING

National Institute of Standards and Technology (NIST)

Administration Building, Heritage Room, 100 Bureau Drive, Gaithersburg, MD 20899

March 6-7, 2024

AGENDA

MEETING GOALS:

- Review NIST’s response to the NCSTAC’s 2023 Report to Congress,
- Review Disaster and Failure Studies Program Scoring of Events and Readiness of Teams,
- Review the status of the NCST investigation of Hurricane Maria’s effects on Puerto Rico,
- Review the status of the NCST investigation of the partial collapse of Champlain Towers South in Surfside, Florida, and
- Develop the Committee’s annual report to Congress.

| March 6, 2024 | | |
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| Time (ET) | Topic | Discussion Leader |
| <i>Opening Remarks</i> | | |
| 9:00 am – 9:05 am | Call to Order Roll Call | Tina Faecke <i>NCSTAC Designated Federal Officer</i> NIST |
| 9:05 am – 9:15 am | Welcome Opening Remarks | Jason Averill <i>Deputy Director, Engineering</i> <i>Laboratory</i> NIST |
| 9:15 am – 9:30 am | Ethics Briefing | Eric Wieghaus <i>Ethics Law & Program Office Attorney</i> U.S. Department of Commerce |
| 9:30 am – 9:45 am | Meeting Goals & Logistics Review of Agenda | Tanya Brown-Giammanco <i>Director of Disaster & Failure Studies</i> NIST |
| 9:45 am – 10:05 am | NIST Response to the NCSTAC’s 2023 Report to Congress | Tanya Brown-Giammanco |
| 10:05 am – 10:15 am | Committee Discussion of the NIST Response to the 2022 Report to Congress | José Izquierdo-Encarnación <i>NCSTAC Chairperson</i> <i>Principal</i> PORTICUS |
| 10:15 am – 10:30 am | BREAK | Tina Faecke |
| 10:30 am – 11:00 am | Camp Fire Research and Outputs | Eric Link <i>Fire Protection Engineer</i> NIST |
| 11:00 am – 11:15 am | Committee Discussion of the Camp Fire Research and Outputs | José Izquierdo-Encarnación |
| 11:15 am – 11:35 am | Disaster and Failure Studies Program Updates | Tanya Brown-Giammanco |
| 11:35 am – 11:45 am | Committee Discussion of the Disaster and Failure Studies Program Updates | José Izquierdo-Encarnación |
| 11:45 am – 12:50 pm | Committee Photo and LUNCH | Tina Faecke |

| Hurricane Maria NCST and NWIRP* Updates | | |
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| 12:50 pm – 1:10 pm | Hurricane Maria NCST Investigation: Summary of Progress | Maria Dillard <i>Associate Team Lead, Hurricane Maria NCST</i> NIST |
| 1:10 pm – 1:30 pm | Discussion of the Hurricane Maria Summary of Progress | José Izquierdo-Encarnación |
| 1:30 pm – 1:50 pm | Cross-Project Panel Theme 1: Hazard Exposure | DongHun Yeo <i>Project Leader, Hurricane Maria NCST</i> NIST Marc Levitan <i>Project Leader, Hurricane Maria NCST</i> NIST Maria Dillard |
| 1:50 pm – 2:10 pm | Discussion of Cross-Project Panel Theme 1: Hazard Exposure | José Izquierdo-Encarnación |
| 2:10 pm – 2:30 pm | Cross-Project Panel Theme 2: Hospital Functionality and Infrastructure Dependencies | Maria Dillard Joseph Main <i>Team Lead, Hurricane Maria NCST</i> NIST Ken Harrison <i>Project Leader, Hurricane Maria NCST</i> NIST |
| 2:30 pm – 2:50 pm | Discussion of Cross-Project Panel Theme 2: Hospital Functionality and Infrastructure Dependencies | José Izquierdo-Encarnación |
| 2:50 pm – 3:05 pm | BREAK | Tina Faecke |
| 3:05 pm – 3:25 pm | Cross-Project Panel Theme 3: Protective Actions and Preparedness | Jennifer Helgeson <i>Project Leader, Hurricane Maria NCST</i> NIST Katherine “Jo” Johnson <i>Project Leader, Hurricane Maria NCST</i> NIST Judith Mitrani-Reiser <i>Project Leader, Hurricane Maria NCST</i> NIST Marc Levitan |
| 3:25 pm – 3:45 pm | Discussion of Cross-Project Panel Theme 3: Protective Actions and Preparedness | José Izquierdo-Encarnación |
| 3:45 pm – 4:00 pm | Hurricane Maria NCST Investigation: Concluding Remarks and Next Steps | Joseph Main |
| 4:00 pm – 4:10 pm | Discussion of the Hurricane Maria Concluding Remarks | José Izquierdo-Encarnación |
| Committee Business | | |

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| 4:10 pm – 5:00 pm | NCSTAC Preparation of Annual Report to Congress | José Izquierdo-Encarnación |
| 5:00 pm | ADJOURN (DAY 1) | Tina Faecke |

*National Windstorm Impact Reduction Program

| March 7, 2024 | | |
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| Time (ET) | Topic | Discussion Leader |
| Opening Remarks | | |
| 9:00 am – 9:05 am | Call to Order Roll Call | Tina Faecke |
| Champlain Towers South NCST Updates | | |
| 9:05 am – 9:30 am | Champlain Towers South NCST Investigation: Summary of Progress | Judith Mitrani-Reiser <i>Team Lead, Champlain Towers South NCST</i> NIST |
| 9:30 am – 9:40 am | Committee Discussion of the Champlain Towers South Summary of Progress | José Izquierdo-Encarnación |
| 9:40 am – 10:20 am | Cross-Project Panel Theme 1: Timeline and Evidence Collection | Judith Mitrani-Reiser N. Emel Ganapati <i>Project Leader, Champlain Towers South NCST</i> Florida International University David Goodwin <i>Project Leader, Champlain Towers South NCST</i> NIST Christopher Segura <i>Project Leader, Champlain Towers South NCST</i> NIST Jonathan Weigand <i>Project Leader, Champlain Towers South NCST</i> NIST Kamel Saidi <i>Project Leader, Champlain Towers South NCST</i> NIST Jack Moehle <i>Project Leader, Champlain Towers South NCST</i> NIST |
| 10:20 am – 10:40 am | Discussion of Cross-Project Panel Theme 1: Timeline and Evidence Collection | José Izquierdo-Encarnación |
| 10:40 am – 10:55 am | BREAK | Tina Faecke |
| 10:55 am – 11:35 am | Cross-Project Panel Theme 2: Analysis and Testing Updates | Fahim Sadek <i>Project Leader, Champlain Towers South NCST</i> NIST James Harris |

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| | | <p><i>Project Leader, Champlain Towers South NCST</i> J.R. Harris & Co.</p> <p>Christopher Segura</p> <p>Kenneth Hover <i>Project Leader, Champlain Towers South NCST</i> NIST</p> <p>Jack Moehle</p> <p>Sissy Nikolaou <i>Project Leader, Champlain Towers South NCST</i> NIST</p> |
| 11:35 am – 11:55 am | Discussion of Cross-Project Panel Theme 2: Analysis and Testing Updates | José Izquierdo-Encarnación |
| 11:55 pm – 12:55 pm | LUNCH | Tina Faecke |
| 12:55 pm – 1:35 pm | Cross-Project Panel Theme 3: Analysis of Failure Hypotheses | <p>Glenn Bell <i>Team Associate Lead, Champlain Towers South NCST</i> NIST</p> <p>Fahim Sadek</p> <p>Georgette Hlepas <i>Project Leader, Champlain Towers South NCST</i> USACE</p> <p>Scott Jones <i>Project Leader, Champlain Towers South NCST</i> NIST</p> <p>James Harris</p> <p>Youssef Hashash <i>Project Leader, Champlain Towers South NCST</i> University of Illinois Urbana-Champaign</p> |
| 1:35 pm – 1:55 pm | Discussion of Cross-Project Panel Theme 3: Analysis of Failure Hypotheses | José Izquierdo-Encarnación |
| 1:55 pm – 2:25 pm | Champlain Towers South NCST Investigation: Concluding Remarks and Next Steps | Glenn Bell |
| 2:25 pm – 2:45 pm | Discussion of the Champlain Towers South Concluding Remarks | José Izquierdo-Encarnación |
| <i>Closing Business</i> | | |

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| 2:45 pm – 3:05 pm | Public Comment Period | Tina Faecke |
| 3:05 pm – 3:15 pm | Summary Remarks | Jason Averill |
| 3:15 pm – 3:30 pm | BREAK | Tina Faecke |
| 3:30 pm – 5:00 pm | NCSTAC Preparation of Annual Report to Congress | José Izquierdo-Encarnación |
| 5:00 pm | ADJOURN | Tina Faecke |