Disaster Resilience Symposium

August 14-15, 2018

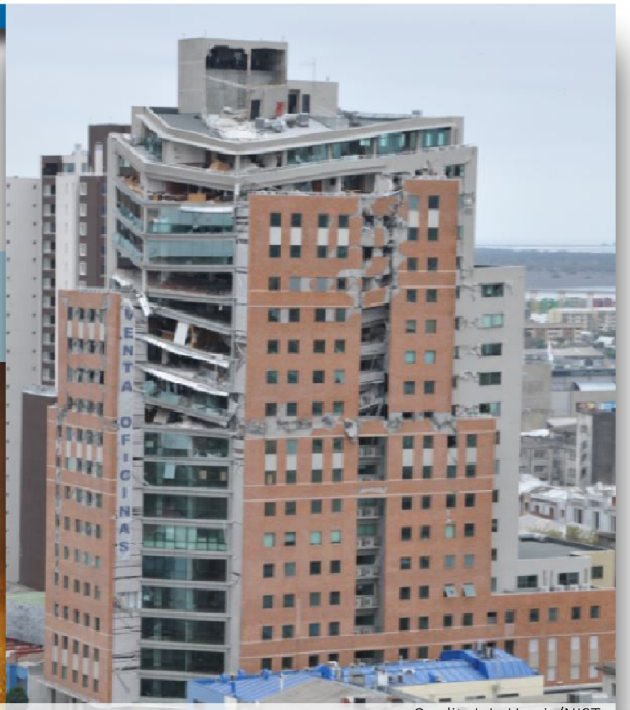
Building 101, NIST Campus,
Gaithersburg, MD



Credit: Jace Anderson/FEMA



Credit: Dept. of Homeland Security S&T



Credit: J. L. Harris/NIST

The National Institute of Standards and Technology is pleased to announce the 2018 NIST Disaster Resilience Symposium.

The symposium will feature presentations from over a dozen grant awardees funded by NIST and the latest research from related internal NIST projects. Topics will include disaster and failure studies, earthquake engineering, wind engineering, community resilience, and wildland-urban interface fires.

- Development of Tornado Design Criteria for Buildings and Shelters Subject to Tornado Induced Loads
- Improving Disaster Resilience Through Scientific Data Collection with UAV Swarms
- Seismic Assessment, Retrofit Strategies and Policy Implications for Vulnerable Existing Steel Buildings
- Integrating Aging Effects in Performance-Based Seismic Design and Assessment of Reinforced Concrete Structures
- Resilience of Steel Moment Frame Systems with Deep Slender Column Sections
- Coastal Inundation Events in Developed Regions
- Decision-Oriented Column Simulation Capabilities for Enhancing Disaster Resilience of Reinforced Concrete Buildings
- Liquefaction-Targeted Ground Motion Parameters
- Improving Disaster Resilience by Quantifying WUI Community Ember Exposure
- Biomacromolecules as Flame Retardants for Wood-Based Construction
- Temperature Measurements of Airborne Firebrands
- Development of Methodology for Determination of Ignition Propensity by Firebrands in Wildland-Urban Interface

For full details and to register, please visit the symposium website.

https://www.nist.gov/news-events/events/2018/08/disaster-resilience-symposium

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