

NIST/NSF WORKSHOP ON WIND ENGINEERING RESEARCH

NSF's Role in Research

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NIST/NSF WORKSHOP HMSE/RSI

➤ Hazard Mitigation

- Includes all hazards; windstorm, earthquake, wild fire, tsunami, blast loading, etc.

➤ Structural Engineering

- Innovation in structural system including cost effectiveness, structural health monitoring and decision making, etc.

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➤ **Overarching Goal:**

**Converting Natural Disasters in
to Emergency for the Community**

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Type of Research Funded by NSF

- **Transformative/Intellectual Merit**
 - Advancement of Knowledge

- **Broader Impact**
 - Education & Outreach
 - Relevant to Society

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➤ **Expectation**

**What are the Grand Challenges in Basic
Wind Engineering Research ?**