

# Meeting Notes of the Grand Challenge Task Force

Subcommittee on Disaster Reduction

30 September 2003, 1:30 p.m. to 4:20 p.m., National Science Foundation

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## Attendees

### NIST

Noel Raufaste, noel.raufaste@nist.gov

### NSF

Priscilla Nelson, ENG, pnelson@nsf.gov (Task Force Co-Chair)

Robert O'Connor, SBE/SES, roconnor@nsf.gov

Dennis Wenger, Social Science and ENG, dwenger@nsf.gov

### NOAA

Pai-Yei Whung, Pai-Yei.Whung@noaa.gov

### USGS

Tim Cohn, tacohn@usgs.gov (Task Force Co-Chair)

Priscilla Nelson led the discussion on the adoption of a framework for disaster risk reduction. To create the Grand Challenge model, the task group agreed to draw primarily from the SDR interim report, "Reducing Disaster Vulnerability Through Science and Technology," and to consider the Rand report, "Assessing Federal Research and Development for Hazard Loss Reduction." As the task group brings more definition to the Grand Challenge matrix, the research and operational agencies will need to identify their roles in the structure and offer feedback at the next Grand Challenge meeting.

## Grand Challenge Framework

- Provides a matrix that includes the nature of hazards (natural and technological)
- Speaks to a 10-year plus vision
- Necessitates an integrated strategy and connectivity
- Connects to national priority areas
- Incorporates stakeholders and international community as well as public-private partnerships

<b>Categories</b> <b>Focus Areas</b>	Integrated Observations	Hazard Mitigation Science & Technology	Risk Assessment	Risk Communication
Disaster Process Research & Development				
Hazard Identification				
Risk Assessment				
Risk Communication				
Mitigation				
Prediction				
Preparedness				
Response				
Recovery				