NATIONAL ACADEMIES *Sciences*
Engineering
Medicine

Symposium on Geotechnical Engineering Needs for Extreme Hazards

Hosted by the Committee on Geological and Geotechnical Engineering (COGGE)

WEDNESDAY, JANUARY 7, 2026

8:00–8:55 **Breakfast**

9:00–9:15 **Welcome and Housekeeping**
Youssef Hashash (University of Illinois of Urbana-Champaign, COGGE Chair)
Deb Glickson (National Academies of Sciences, Engineering, and Medicine)

9:15–9:25 **Sponsor Remarks**
Giovanna Biscontin (National Science Foundation)

9:25–10:15 **Keynote: XYZ** (30 min presentation, 20 min Q&A)
*Moderated by **Krishna Kumar** (University of Texas at Austin)*
Scott Anderson (BGC Engineering Inc.)**

10:15–10:35 **BREAK**

10:35–12:00 **Session 1: Flooding and Storm Surges** (4 speakers, 35-40 min, ~45 min Q&A)
*Moderated by **Nina Stark** (University of Florida)*
Britt Raubenheimer (Woods Hole Oceanographic Institution)**
Ghada Ellithy (Embry-Riddle)**
Nathan Snorteland (U.S. Army Corps of Engineers)
Rafael Tinoco (U of Illinois)

12:00 – 12:45 **LUNCH**

12:45 – 1:45 **Session 2: Fire** (Lightning presentations for 3 speakers, 15 minutes, ~45 min Q&A)
*Moderated by **Oladoyin Kolawole** (New Jersey Institute of Technology)*

Michael Lamb (Cal Tech)**
Idil Akin (UCLA)
Francis Rengers (USGS)

1:45 – 1:55 **BREAK**

1:55–3:30 **Session 3: Information Resources and Opportunities** (Opening Remarks 25 minutes [20 min presentation + 5 min Q&A], lightning round presentations for 4 discussants ~20 minutes, Q&A with all 5 for ~50 minutes)
*Moderated by **Zenon Medina-Cetina** (Texas A&M University)*
FEATURED ADDRESS:
Omar Ghattas (UT Austin)**

EXPERT DISCUSSANTS:

**indicates speaker is virtual

Ilkay Altintas (UC San Diego)
Doug Edmonds (Indiana University)
Gregg Baecher (University of MD)
Dimitrios Zekkos (Berkeley)

3:30–3:45   **BREAK**

3:45–4:30   **Townhall Discussion** (4 guiding questions, committee member to moderate audience participation)
Moderated by Dr. **Youssef Hashash** (University of Illinois of Urbana-Champaign, COGGE Chair)

4:30 – 5:00   **Overarching Themes and Meeting Synthesis**
Committee members

MEETING ADJOURNED