

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Committee on Solid Earth Geophysics
Spring 2022 Meeting on Time-Dependent Earthquake Hazard

Virtual Meeting
Wednesday, April 13
1:00 – 5:00 pm ET

- 1:00 pm **Welcome and Introductions**
Diego Melgar, COSEG committee member
- 1:10 pm **Session 1: Plate boundary scale time dependent hazard**
- 1:15 pm Time-Dependent Hazard: Introduction and Global Perspectives
Marco Pagani and Richard Styron, Global Earthquake Model
- 1:35 pm Connecting Seismic Hazard Across Temporal Scales
Morgan Page, United States Geological Survey
- 1:55 pm Time-Dependent Hazard in the Last Decade in New Zealand:
Experience and Uptake
Matthew Gerstenberger, GNS Science
- 2:15 pm Panel Discussion with Session 1 Speakers
- 2:35 pm *Break*
- 2:50 pm **Session 2: Connections to Losses, Impacts, and Risk**
- 2:55 pm Time-Dependent Hazards and Impact Estimation
David Wald and Kishor Jaiswal, United States Geological Survey
- 3:15 pm Multi-Hazard Portfolio Loss Estimation for Time-Dependent Shaking
and Tsunami Hazards
Katsu Goda, Western University, Canada
- 3:35 pm From Academia to Application - Time-Dependent Risk
Marleen Nyst, Risk Management Solutions, Inc.
- 3:55 pm Panel Discussion with Session 2 Speakers
- 4:15 pm **Panel Discussion with All Speakers**
- 4:50 pm **Closing Remarks**
- 5:00 pm **Adjourn**