

Workshop on Multihazards and Data Science

Agenda

Meeting Location: 185 Physics Building, UC Davis

June 26 (Wednesday) Registration 3:00-5:00 pm

June 27 (Thursday)

8:30 Registration and Light Breakfast

9:00 Welcome, Introductions, Goals of the Workshop (John Rundle, Ken Verosub)

9:10 Welcome from UCD Global Affairs (Joanna Regulska, Vice Provost)

9:15 Introduction to the Association of Pacific Rim Universities (APRU)

(Christina Schönleber, Director, Policy & Programs)

9:30 Introduction to the APRU Multihazards Hub and International Research Institute for Disaster Science (IRIDeS) at Tohoku University, Sendai, Japan

(Takako Izumi, Associate Director)

9:45 Data Science (Duncan Temple-Lang, UCD Data Science Initiative)

10:00 Keynote: "Science During Crisis: The Distinctive Demands of Data Science"

(Gary Machlis, Clemson University)

10:45 Break

11:00 Panel: Anticipating Multihazards - Domain Science (Moderator: Ken Verosub)

- Panelists: Yo Fukushima, Lev Kavvas, Tony Song, Attila Komjathy, Panagiotis Vergados, Mike Oskin, John Rundle
- Suggested Topics: Earthquakes, Floods, Tsunamis, Wildfires

12:15: Lunch

1:15: Panel: Anticipating Multihazards - Data Science (Moderator: Lorraine Hwang)

- Panelists: Mark Yoder, Jay Parker, John Wilson
- Suggested Topics: Multihazard Data Science, Simulations, Remote Sensing, Image analysis

2:30 Panel: Mitigating Multihazards (Moderator: Mark Yoder)

- Panelists: Sashi Kunnath, Tom Beamish, Eric Heien
- Suggested Topics: Engineering for Resilience, Nature of Risk, Engineering Data Science

3:45 Break

4:15 Open Discussion

5:30 Reception

June 28 (Friday)

8:30 Light Breakfast

9:00: Panel: Responding to disasters (Moderator: Takako Izumi)

- Panelists: Ken Verosub, Mike Sjoblom, Nick Anderson, Tom Nesbitt, Mike Sachs, Brad Fenwick (or alternate)
- Suggested Topics: Seismic Damage Assessment, Disaster Informatics, Data Science Analytics

10:30 Break

10:45 Panel: Recovery from disasters (Moderator: Ken Verosub)

- Panelists: Takako Izumi, Shabir Kabirzad, Anne Rosinski, Phil Beilin
- Suggested Topics: Mega-Tsunamis, City Resilience, Local and National Recovery Programs

12:00 Lunch

1:00 Panel: From the local to the international - Where do we go from here? (Moderator: Mark Yoder)

- Panelists: Takako Izumi, Joanna Regulska, Ken Verosub, John Rundle, Phil Beilin, Duncan Temple-Lang, Jeff Onstedd, Gary Machlis
- Suggested Topics: Open

3:00 Break

- Open Discussion

5:00 Closing and End