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