

**NHERI RAPID Facility Community Workshop:
Identifying Data Gathering Opportunities and Facility User Needs**

University of Washington, Seattle, WA

January 26-27, 2017

Workshop Goals: The principal goals of the workshop were to identify key data gathering needs and opportunities after disasters and to discuss the field instrumentation and software applications needed to acquire these data and support reconnaissance teams before, during and after field missions. We also discussed the creation of community user groups who will contribute to the facility's user base and desired features for the reconnaissance portal on DesignSafe where collected data will be archived. Feedback from the workshop will be incorporated into the facility's science plan, which will be released in September 2017.

Agenda

Day 1: January 26th Thursday

- 12:00 to 12:30: Check-in and Registration
- 12:30 to 1:00: Welcome and Introduction (J. Wartman, UW)
- 1:00 to 1:15: Participant Introductions
- 1:15 to 1:45 Presentation: NHERI Network and NSF Vision for the RAPID Facility (J. Pauschke, NSF)
- 1:45 to 2:15: Presentation: Workshop Goals and Outcomes (L. Lowes, UW)
- 2:15 to 2:45: Break
- 2:45 to 3:15: Presentation: Examples from Recent Seismic and Wind Events (J. Wartman, UW and K. Gurley, UF)
- 3:15 to 3:45: Activity: Reconnaissance Challenges & Successes Timelines
- 3:45 to 4:00: Presentation: DesignSafe-CI (E. Rathje, UT)
- 4:00 to 4:30: Presentation: Building a Reconnaissance Community (J. Bray, UC Berkeley)
- 4:30 to 5:15: Discussion: (D. Frost, GaTech)
- 5:15 to 6:30: Reception

Day 2: January 27th Friday

- 8:00 to 8:30: Refreshments
- 8:30-8:40: Welcome (J. Irish, VT)
- 8:40-10:00: Activity: Grand Challenges Reconnaissance Data Needs
- 10:00-10:15: Break
- 10:15-12:00: Activity: Grand Challenges Data Needs, Cont.
- 12:00 to 1:00 Lunch
- 1:00-1:20: Presentation: Provisional Facility Tools (M. Olsen, OSU)
- 1:20-2:45: Activity: Discipline-Specific Tools and Support Needs
- 2:45-3:00: Break
- 3:00-4:30: Activity: Interdisciplinary Reconnaissance Needs
- 4:30-4:50: Discussion: Tools and Support Needs
- 4:50-5:00: Presentation: Summary and Next Step (J. Wartman, UW)