Group B: Logistics

(Coordinator Perspectives)

This group consisted of a mix of people with coordinating experience, both U.S. and international, earthquake researchers as well as a handful of others.

**Moderators:** Sinan Akciz, Wendy Bohon, Janis Hernandez, Tran Huynh, Michael Oskin, Elaine Young
Breakout Group B: Logistics

Erdom Abraham (CA DWR)
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Lucilla Benedetti (CEREGE)
Michael Blanpied (USGS)
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Steve Bowman (Utah GS)
Matthew Burgess (UNAVCO)
Marco Caciagli (INGV)
Francesca R. Cinti (INGV)
Steve DeLong (USGS)
Michael Falsetto (CGS)
Yann Gavillot (MBMG)
Robert Graves (USGS)
Janis Hernandez (CGS)
Tran Huynh (USC/SCEC)
Bruce Jaffe (USGS)
Frank Jordan (SBC)
Katherine Kendrick (USGS)
Keith Knudsen (USGS)
Rich Koehler (NBMG)
Mehmet Köküm (Fırat University)
Robert Langridge (GNS Science)
Danielle Madugo (UCLA)
Devin McPhillips (USGS)
Gabriela Noriega (SCEC/USC)
Brian Olson (CGS)
Maria Ortuño (Barcelona)
Michael Oskin (UC Davis)
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Tom Rockwell (SDSU)
Alba Rodriguez Padilla (UC Davis)
Stephanie Ross (USGS)
Christie Rowe (McGill)
Aadityan Sridharan (Amrita Univ)
Jonathan Stewart (UCLA)
Jessica Thompson Jobe (USGS)
Miles Wagner (Consultant)
Elaine Young (UC Davis)

Red text are discussion moderators
Logistics: What Works Well

• Earthquake response is a cooperative, coordinated effort. We want better coordination and to broaden participation!
• We have a culture of sharing data. Bottlenecks exist in communication, balancing data quality vs. release, distributing large data sets, data collection formats / schema, and other areas.
• Response time is improving with remote sensing input and emphasis on interdisciplinary collaboration.
• Response planning is important - that’s why we are here!
1. **Identify Entities**: Who is responding?
   a. Mandated (USGS, CGS)
   b. Academia
   c. Research Centers and Facilities (SCEC, GEER/EERI, NASA, IRIS/UNAVCO, NCALM, OpenTopography, NHERI)
   d. Private Sector (Utilities, Consultants/Volunteers)

2. **Collate Entity Roles & Contact Info.**
   a. Develop a table of information for each entity, e.g. composition, contacts, research focus, geographic scope, criteria for response, coordination platform....
Logistics Tasks 2

3. Define & Build the Axes of Coordination
   a. Science plan and objectives
   b. Training, practice, and preparation
   c. Instrument deployment & cross-training
   d. Science community building
   e. Student engagement
   f. Data collection & ethical standards
   g. Response communication & backup
   h. Data sharing and management
   i. Funding for science objectives
   j. Public outreach
   k. Project management

4. Draft a Response Timeline
   a. Days - weeks - longer term …
   b. Decision criteria and time to activate?
   c. Anticipated daily schedule, meetings to address parts of coordination plan

5. Practice and Implementation
   Implementing all of the axes of coordination in context of exercises, workshops and the annual meeting