

Final Agenda for Geohazard Sessions

Monday, September 4, 2017

Geohazards I: Regional Perspectives, Challenges and Solutions

2:45 Welcoming remarks Sandra Torrusio and Tim Stough

3:00 Invited Speaker 1: Juan Bazo, Red Cross Red Crescent Climate Centre, Peru The Role of Red Cross Movement in Disaster Risk Reduction. Challenges, and Opportunities.

3:15 Invited Speaker 2: Luis Lara PULGAR, SERNAGEOMIN, Chile Coupled geohazards at Southern Andes: volcanism and crustal tectonics in a proposed GEO Supersite

3:30 Invited Speaker 3: Gari Mayberry, USGS, USA How the USGS-USAID Volcano Disaster Assistance Program and the Earthquake Disaster Assistance Team use remotely-sensed data for disaster risk reduction.

3:45 Invited Speaker 4: Soledad Osoros BA VAAC, SMN, Argentina Volcanic ash dispersion forecasting for hazard risk reduction

4:00 Invited Speaker 5: Karl Feaux, UNAVCO, The Plate Boundary Observatory, COCONet, TLALOCNet: Enhancing Geophysical Infrastructure and the Scientific Community across the Americas

4:15 Coffee Break

4:30 Panel Discussion: Q&A on Regional Perspectives, Challenges and Solutions

Moderator: Sebastian Garcia SEGEMAR (Argentina)

1. Sebastian Garcia SEGEMAR (Argentina)
2. Juan Bazo, Red Cross Red Crescent Climate Centre (Peru)
3. Luis E. Lara, SERNAGEOMIN (Chile)
4. Gari Mayberry, USGS (USA)
5. Soledad Osoros, Buenos Aires VAAC, SMN (Argentina)
6. Karl Feaux, UNAVCO

6:30 Adjourn for Dinner and Social Activities

Tuesday, September 5, 2017

Geohazards II : Geodetics and Surface Deformation - Observations, Applications, Products and Best Practices

Chair: Guillermo Toyos, CONAE

9:30 Opening Remarks Speakers from CONAE and NASA

9:45 Claudio Brunini, The Argentinian - German Geodetic Observatory (AGGO)

10:00 L. Sanchez, Geodetic monitoring of surface deformation in Latin America

10:15 Pablo Euillades (CEDIAC), Multitemporal DInSAR for characterizing volcano deformation

10:30 Dr. Falk Amelung, UMiami, The Ecuador Geohazard Supersite: the contribution of InSAR for the mitigation of volcanic disasters

10:45 Coffee Break

Geohazards III: Emerging Technologies - Observations, Applications, Products and Best Practices

Chair: Tim Stough

11:00 Manuela Elissondo: Volcanic Ranking and Risk Maps in Argentina (SEGEMAR)

- 11:15 Guillermo Toyos: Satellite Remote Sensing of Volcanic Ash in Argentina
(CONAE)
- 11:30 Nickolay Krotkov, NASA, Volcanic Ash and Gas Detection and Mapping
- 11:45 Stefano Salvi, Technological Director, Centro Nazionale Terremoti,
Istituto Nazionale di Geofisica e Vulcanologia, Roma Italy - Science-Based
Services for Disaster Risk Management: the Experience of the GEO Geohazards
Supersite global Network
- 12:00 Diego Melgar, UC Berkeley, Earthquakes and Applications of GNSS for Early
Warning
- 12:15 Tim Stough, NASA, The Transition from Research to Operations of GNSS-
augmented Tsunami Early Warnings
- 12:30 Adjourn for Lunch