

# Supersites coordination meeting

AGU fall meeting Dec 5 2012

Minutes summarized by Falk Amelung and Francesco Gaetani

## Attendees:

*Supersites:* Mike Poland and Jim Kauahikaua (Hawaii Volcano Observatory), F. Sigmundsson (Iceland), Haluk Ozener, Asli Dogru, Bahadir Aktug, Ugur Dogan (Istanbul).

*Scientific advisory committee + friends:* Hisao Ito (JAMSTEC), Susanna Zerbini (IAG WEGENER), Tim Ahern (IRIS), Chuck Meertens + Fran Boler + Linda Rowan + Chris Crosby (UNAVCO), Eric Fielding (NASA), Andy Hooper (Delft Univ.), Yo Fukushima (Kyoto University), F. Amelung (Miami Univ.)

*GEO Implementation Boards:* Kathy Fontaine (NASA)

*GEO Secretariat:* Francesco Gaetani

## Discussion on next steps.

- Iceland and Hawaii will provide detailed information on in-situ observations, following the SAC proposal guidelines. Once this information is available the Iceland proposal will be approved (**Action: Sigmundsson, Poland**)
- Some in-situ data sets that can't be shared because of technical issues/resources (e.g. Hawaii broadband seismic 1999-2010). These issues should be listed. The plan is to have an inventory of issues to solve for several Supersites and then look for the resources to address them.
- Hawaii: Gas measurements can be made available. Gravity change needs more work (**Action: Poland**)
- Hawaii will provide short-period data to IRIS (**Action: T. Ahern and Jim Kauahikaua**).
- Efforts will focus on a Supersite demonstrator for Hawaii and Iceland. Istanbul, Italian volcanoes and San Andreas fault are welcome to join in (after permanent Supersite proposals are submitted and reviewed).
- Kathy Fontaine pointed out that demonstrating the Supersites at the next GEO plenary can help with funding Supersites activities.
- Leadership: It was hoped that USGS Reston would assume the lead for the regional coordination of GSNL within the Americas. Few weeks ago C. Mandeville met with the GEO Disasters Coordinator (G. Seguin) at a CEOS SIT workshop in Reston where USGS expressed interest in playing a role in GSNL leadership. However, they were not in attendance, although they were alerted. (**Action: GEO Secretariat** to organize a telecon with USGS HQ and SAC)

## Infrastructure:

- Discussion on support for website development and data services. Gaetani indicated that ESA has some financial resources to support Supersites. Resources are needed to move forward on many infrastructure actions listed below (**Action: Rowan and Gaetani** will discuss).
- Discussion on what type of data portal/entry point the Supersites need. We decided to revamp the website. Hawaii and Iceland will provide content (**Action: L Rowan**).
- Technology discussion. We decided to go with web services. We can use Unavco's Geodetic Seamless Archive Software (GSAC), and analogues for SAR (under development) and seismic data (exist at IRIS).
- There is a need for a 2-page document describing the infrastructure plans (**Action: C Meertens, T. Ahern**)

- Unavco will explore the possibility to install web services for GPS and other data for Iceland Supersite. Unavco will discuss with Iceland and others. (**Action: F. Sigmundsson, Meertens**)

Demonstrator for 2013 Plenary:

- 2013' GEO X Plenary and GEO Ministerial (not 100% sure yet) are going to be hosted by Switzerland and are set to take place in October in Geneva. This is a good opportunity to showcase GSNL concept and application raising interest and involvement of GEO Members in GSNL. We need to liaise with the Ministerial Task Team to have feedback on this and, eventually, to figure out a roadmap for its implementation (**Action: Francesco**)
- Linda will take care of content with information from Hawaii and Iceland (**Action: L. Rowan**)

Others: Yan Klinger (IPG Paris) is the SAC associate for optical imagery. This information needs to be in powerpoints and on the Supersite webpage. (**Action: L. Rowan**) (when website is updated).