

THIRD USGS-INGV Meeting

Istituto Nazionale di Geofisica e Vulcanologia, Rome, June 15th 2015

Venue: Conference Room, INGV HQ, Via di Vigna Murata 605, Rome, Italy

Agenda

- 2:15-2:20 pm **Welcome and Opening of the meeting**
INGV: Directors of Volcano, Seismic and Environment Divisions, USGS: Ingrid Verstraeten, International Programs, Europe/Russia/Central Asia Coordination
- 2:20 -2:30 pm **Introduction of Proposed Topical Activities**
USGS: Ingrid Verstraeten, INGV: Maria Fabrizia Buongiorno
- 2:30-7:00 pm** **Programmatic activities**
Presentation of WG for each topic (~ 50 minutes for each topic)
- 2:30-3:30 pm **Topic 1 . Volcanic Processes and Hazards**
Chairs: *INGV : Paolo Papale, USGS: Charles W. Mandeville*
- Review of the USGS-INGV work program*
- Subtopics:*
- preparation of the 3rd VOBP meeting, next fall, US*
- update on "Dynamics of explosive basaltic eruptions" (including previous experiments and the one held in Stromboli*
- the task force on calderas*
- program of exchange of personnel;*
- 3:30-4:20 pm **Topic 2: Earth Observation Data**
Chairs: *INGV: Maria Fabrizia Buongiorno, USGS: Thomas Cecere*
- Review of the USGS-INGV work program*

Sub-topics:

USGS and INGV requirements for sensors development (future LANDSAT missions, Hyperspectral missions, MIR-TIR missions)

Update on joint activities for Calibration/validation to control the quality of EO derived products: US and Italy permanent test sites for LANDSAT/ASTER data cal/val

*EO products for volcano monitoring:
Optical products from RT and NRT data
SAR and GPS integration*

*Data management and dissemination:
Etna and Vesuvio/Campi Flegrei Supersites data access and dissemination
USG EROS DATA CENTER data dissemination and access*

Program exchanging personnel.

4:20-4:35 pm

Coffee break

4:35-4:50 pm

Welcoming remarks on INGV-USGS cooperation

INGV President: Prof. Stefano Gresta

4:50-5:20 pm

Topic 3. Environmental Research and Processes

Chairs: INGV: Fabio Florindo, USGS: Ingrid Verstraeten

sub-topics

*Use of satellite data in Environmental monitoring:
Satellite Earth Observation for Environmental monitoring and disaster mitigation.
Critical infrastructures monitoring.
Natural and anthropogenic subsidence investigation by Interferometric SAR techniques*

5:20-5:45 pm

Topic 4. Scientific Outreach and Educational activities

Chairs: INGV : Giuliana D'Addezio, USGS: Ingrid Verstraeten

Review of the USGS-INGV work program

sub-topics

Earth sciences for schools: sharing and comparing experiences and practices

Earth scientists and Artists: a fruitful encounter

Geoscience for Society

*Roadmap for future USGS-INGV Earth sciences educational activities.
Education towards students and public*

5:45-6:45 pm

Topic 5: Seismological Processes and Hazards,

Chairs: *INGV: Claudio Chiarabba, USGS: Michael Blampied(in teleconference)*

Review of the USGS-INGV work program

sub-topics

Tsunami Hazard

Paleoseismology

Early warning

Update on the following topics:

Seismic Hazard

Induced Seismicity

Program exchanging personnel

6:45-7:00 pm

Final remarks

7:00 pm

Closure of the meeting