INGV-DPC 2007-2009 http://dpc-s5.rm.ingv.it/

S5 High-resolution multi-disciplinary monitoring of active fault test-site areas in Italy

Riunione del 24 marzo 2010
Sala Conferenze Via di Vigna Murata 605, Roma

Mattina

9:45 Inizio lavori: Situazione economica progetti DPC e Convegno di chiusura 30 Giugno-1 e 2 Luglio 2010

Test site Alto-Tiberina fault

10:00-WP1.1 Di Stefano, CNT-INGV raffaele.distefano@ingv.it
Automated seismic data analysis
10:10-WP1. 2 Improta, RM1-INGV luigi.improta@ingv.it
Imaging the shallower portion of the Tiber basin to optimize the installation of borehole seismic sensors
10:20-WP1.3 D'Agostino, RM1-INGV nicola.dagostino@ingv.it
Velocity and strain rate fields across the fault from integration of regional GPS networks.
10:30-WP1.4 Mirabella, Universita' di Perugia mirabella@unipg.it
Upper crustal structure and tectonic evolution of ATF
10:40-WP1.5 Barchi, Universita' di Perugia mbarchi@unipg.it
Quaternary tectonics of the ATF region
10:50-Discussione Task 1. Test site "Alto-Tiberina Fault" (moderatore Chiaraluce, CNT-INGV lauro.chiaraluce@ingv.it)
A high density network including borehole observations for the understanding of physical processes which govern the earthquake generation on low-angle dipping normal faults.

11:20 Pausa caffe'

Test site Messina Strait

11:40 -WP2.1 D'Anna e Mangano, INGV- CNT giuseppe.danna@ingv.it e giorgio.mangano@ingv.it
Sea Bottom Seismograph installation and data transmission testing through acoustic link
11:50-WP2.2 Moretti , CNT-INGV milena.moretti@ingv.it
Integrated on-land and off-shore seismic data bank and refined earthquake location
12:00-WP2.3 Piccinini, RM1- INGV davide.piccinini@ingv.it
Seismic anisotropy analysis aimed at defining the present crustal deformation regime
12:10-WP2.4 Mattia, INGV-CT mattia@ct.ingv.it
Strain field of Calabria and Peloritano regions from GPS data acquisition and modeling
12:20-WP2.5 Neri, Univ. Messina geoforum@unime.it
Fault mechanisms and stress regime orientations in the Messina strait.
12:30- ***Discussione*** Task 2. Test site "Messina Strait" (moderatrice Margheriti, CNT-INGV lucia.margheriti@ingv.it)
An on-land, off-shore integrated seismic network for monitoring the region struck by the M 7, 1908 Messina earthquake and understanding the relationship between present stress regime and earthquake activity.

13:00 Pausa pranzo

Pomeriggio

Test site Irpinia fault system

14:00-WP3.1Festa, UniNA festa@na.infn.it
Seismic noise analysis and Green Functions
14:10-WP3.2 Satriano, UniNa-AMRA scarl satriano@na.infn.it
Refined estimates of micro-earthquake source parameters
14:20-WP3.3 Maercklin, UniNA maercklin@na.infn.it
Reflection/transmission tomography from micro-earthquake data
14:30-WP3.4 Avallone, CNT-INGV antonio.avallone@ingv.it
High rate GPS for the monitoring of active seismic fault systems in southern Apennines
14:40-Discussione Task 3. Test site "Irpinia Fault System" (moderatore Zollo, UniNa aldo.zollo@unina.it)
An advanced, real-time, seismic monitoring infrastructure for the detailed imaging and characterization of a complex normal fault system in southern Apennines.

15:10 Pausa caffe'

Test site L'Aquila

15:30- WP4.1Cecere, CNT-INGV cecere@gm.ingv.it
Toward a permanent Seismic and GPS network to monitor segments adjacent to Paganica fault
15:40-WP 4.2 Govoni, CNT-INGV aladino.govoni@ingv.it
Integrated SEED seismic database of L'Aquila sequence
15 :50-WP 4.3 De Gori, CNT-INGV pasquale.degori@ingv.it
Estimates of source and structure parameters from seismic waveform analyses
16:00-WP 4.4 Bruno e Improta, RM1-INGV bruno@gm.ingv.it; luigi.improta@ingv.it
Active faults imaging in the Middle Aterno Valley by high-resolution seismic profiling
16:10-WP 4.5 Cinti e Pucci, RM1-INGV francesca.cinti@ingv.it, stefano.pucci@ingv.it
Mapping of active faults and characterizing their seismic behavior
16:20-WP 4.6 Marzocchi, RM1-INGV warner.marzocchi@ingv.it
Toward a new Earthquake Forecast: a multi-disciplinary approach
16:30-Discussione Task 4. Test site "L'Aquila" (moderatore Amato, CNT-INGV alessandro.amato@ingv.it)
L'Aquila fault system. A test site to understand the physical processes of the earthquake preparation and generation.

17:00 Chiusura lavori