

# SUPERSITES COORDINATION WORKSHOP AGENDA

European Commission, DG Research and Innovation, Building CDMA, Rooms SDR1 and SDR2, Rue du Champ de Mars 21, 1050 – Brussels

MONDAY 10 JUNE 2013		
<b>OPENING PLENARY SESSION</b> <i>Chair: Gilles Ollier (Head of Earth Observation Sector, DG RTD)</i>		
09:00 – 09:05	Welcome from the Commission, <i>Andrea Tilche (Acting Director of Environment Programme, DG RTD)</i>	
09:05 – 09:20	The GEO Geohazard Supersites and National Laboratories Initiative – objectives, status and value, <i>Jörn Hoffmann (DLR / CEOS Supersites Coordination Team)</i>	
09:20 – 09:35	Integrating research infrastructures for solid Earth Science: joining efforts to support the European GEO-hazard Supersites, <i>Massimo Cocco (EPOS, INGV)</i>	
09:35 – 09:50	Opening remarks from ESA, <i>Michael Rast (ESA)</i>	
09:50 – 10:05	MARsite Supersite project: New Directions in Seismic Hazard Assessment through Focused Earth Observation in the MARMARA SuperSITE, <i>Nurcan Meral Özel (KOERI, MARsite Coordinator)</i>	
10:05 – 10:20	FUTUREVOLC Supersite project: A European volcanological supersite in Iceland: a monitoring system and network for the future, <i>Freysteinn Sigmundsson (UoI, FUTUREVOLC Coordinator)</i>	
10:20 – 10:35	MED-SUV Supersite project: MEDITerranean SUPersite Volcanoes, <i>Giuseppe Puglisi (INGV- MED-SUV Coordinator)</i>	
10:35 – 10:55	<b>Q &amp; A - Discussion</b>	
10:55 – 11:15	<b>COFFEE BREAK</b>	
	<b>SESSION 1:</b> <b>“Key technologies for the monitoring of geologically active regions prone to natural hazards”</b>  <i>Chair: Alessandro Annuziato, (EC JRC, IPSC)</i> <i>Rapporteur: Francesco Gaetani, (GEO)</i>	<b>SESSION 2:</b> <b>“Data requirements for Supersites”</b>  <i>Chair: José Miguel Rubio Iglesias (DG RTD, EO Sector)</i> <i>Rapporteur: Massimo Cocco (EPOS, INGV)</i>
11:15 – 11:35	The earthquake induced landslide geohazard: development of a ground and space integrated monitoring experiment at the Sea of Marmara Supersite, <i>Pascal Bigarre (Ineris - MARsite)</i>	Integration between space- and ground-based data sets: application on ground deformations measurements, <i>Giuseppe Puglisi (INGV- MED-SUV)</i>
11:35 – 11:55	EVOSS: a Real-time, space-borne, virtual volcano observatory to support decision-making during eruptive crises worldwide, <i>Fabrizio Ferrucci (IPGP- EVOSS)</i>	Implementation of multi-disciplinary interoperability infrastructure and contribution to GEO/GEOSS, <i>Stefano Nativi (CNR - MED-SUV)</i>
11:55 – 12:15	The new CENALT tsunami center in France – Tsunami watch provider for the Western Mediterranean and North Eastern Atlantic, <i>Francois Schindelé (CEA)</i>	Multi-source geospatial information collection and integration: the SENSUM approach, <i>Massimiliano Pittore (GRCG – SENSUM)</i>
12:15 – 12:35	Delivering real-time, advanced satellite products and modelling support to volcano monitoring and prediction, <i>Steven Tait (IPGP- EVOSS) and Susan Loughlin (BGS- EVOSS)</i>	Data integration and dissemination in the MARsite project, <i>John Douglas (BRGM- MARsite)</i>
12:35 – 13:35	<b>LUNCH BREAK</b>	
13:35 – 13:55	Inference on subsurface sources from multiparametric numerical analysis of geodetic data, <i>José Fernandez (CSIC- MED-SUV)</i>	The data policy of FUTUREVOLC and its implementation in an open-access data hub, <i>Ingvar Kristinnsson (IMO, FUTUREVOLC)</i>
13:55 – 14:15	Remote sensing technologies for the detection, mapping and monitoring of landslides and other ground deformations: the FP7 DORIS project, <i>Fausto Guzzetti (CNR - DORIS)</i>	The value of joint data interpretation and considerations of data interoperability in the FUTUREVOLC project, <i>Freysteinn Sigmundsson (UoI, FUTUREVOLC)</i>
14:15 – 14:35	Stable levelling methods applicable for borehole very broad band seismic sensors including tilt meters, <i>Cansun Guralp (Guralp Sys. Ltd-MARsite)</i>	Ash cloud monitoring and modelling: data integration and international cooperation, <i>Mauro Coltelli (INGV -MED-SUV)</i>
14:35 – 14:55	Combining space and ground-based monitoring of volcanic processes in an optimal manner: the FUTUREVOLC Supersites approach, <i>Magnus Tumi Gudmundsson (UoI - FUTUREVOLC)</i>	Earth observation data and products for Supersites, <i>Hannes Taubenböck (DLR – SENSUM)</i>
14:55 – 15:15	Rapid post-earthquake risk assessment, <i>Ali Pinar (KOERI - MARsite)</i>	A federated e-Infrastructure for discovery and access of multi-disciplinary data in the GEO-Hazard community, <i>Roberto Cossu (ESA, ESRIN-GENESI-DEC, SCIDIP-ES)</i>
15:15 – 15:35	<b>COFFEE BREAK</b>	
15:35 – 16:35	<b>DISCUSSION SESSION</b>  <i>Chair: Alessandro Annuziato (EC JRC, IPSC)</i> <i>Rapporteur: Francesco Gaetani (GEO)</i>	<b>DISCUSSION SESSION</b>  <i>Chair: Rubio Iglesias Jose Miguel, (DG RTD)</i> <i>Rapporteur: Massimo Cocco (EPOS, INGV)</i>
<b>END OF DAY 1</b>		

## TUESDAY 11 JUNE 2013

### PLENARY SESSION I : User Interest in the Supersites

*Chair: Philippe Bally (ESA)*

09:00 – 09:15	Remote sensing at the service of Natural Disasters Warning: the contribution of the ‘Supersites’ concept, <i>Stuart Marsh, (GEO- BGS)</i>	
09:15 – 09:30	Interest for the Transport sector: the WEZARD project, <i>Ian Lisk (Met Office)</i>	
09:30 – 09:45	Interest for the Economy: Reaching Supersites sustainability through the creation of a science - commercial ecosystem, <i>Jurry de la Mar (T-Systems)</i>	
09:45 – 10:00	Interest for the Energy Sector, <i>Philippe Schild (DG RTD, Unit K3 - Energy)</i>	
10:00 – 10:15	Interest for the delivery of Services: A GMES/Copernicus perspective, <i>Astrid-Christina Koch, (DG ENTR Copernicus/GMES )</i>	
10:15 – 10:30	Operational aspects of Civil Protection and the need for early warning, <i>Olimpia Imperiali (DG ECHO)</i>	
10:30 – 11:00	<b>Q &amp; A - Discussion</b>	
11:00 – 11:20	COFFEE BREAK	
	<b>SESSION 3:</b> "EU Supersites: Interest for Regions and Economic Sectors" <i>Chair: Luca Demicheli (EuroGeoSurveys)</i> <i>Rapporteur: Michael Symonds (ATOS)</i>	<b>SESSION 4:</b> "Articulating Long-Term Monitoring and Delivery of Services" <i>Chair: Denis Peter (FP7-Natural Disasters, DG RTD)</i> <i>Rapporteur: Joan Marti (Institute of Earth Sciences Spain)</i>
11:20 – 11:40	The links of MARSite with existing monitoring networks in the EU and International context, <i>Paolo Favali, (INGV - MARSite)</i>	Communication and dissemination for Volcanic Risk Management: some results of the MIAVITA project, <i>Pierre Thierry (BRGM – MIAVITA)</i>
11:40 – 12:00	FUTUREVOLC: from forecasts towards early warning - the importance for Europe of improved understanding of seismicity in Iceland, <i>Chris Bean, (UCD-FUTUREVOLC)</i>	Communication strategies between stakeholders of volcanic hazards: lessons learned from the simulation exercise, <i>Joachim Gottsmann (UoB - VUELCO)</i>
12:00 – 12:20	Volcanological supersite in Iceland: Importance of the FUTUREVOLC project at European and global level, <i>Susan Loughlin (BGS, FUTUREVOLC)</i>	Communication with users and stakeholders in response to landslide hazards within the context of the LAMPRE project, <i>Umberto Pernice (UP/MCI – LAMPRE)</i>
12:20 - 12:40	Potential of High Resolution TerraSAR-X Data for GEO Supersites, <i>Christian Minet (DLR- MED-SUV)</i>	Articulating long-term monitoring of Icelandic volcanoes: links between FUTUREVOLC and EPOS, <i>Kristin Vogfjord (IMO, FUTUREVOLC)</i>
12:40 – 13:40	LUNCH BREAK	
13:40 – 14:00	Long-term sustainability and business issues for volcanoes, landslides and forest fires: hints from downstream projects: DORIS, EVOSS, LAMPRE and PREFER, <i>Fabrizio Ferrucci (IPGP- EVOSS)</i> and <i>Fausto Guzzetti (CNR - DORIS)</i>	Volcanic Risk Management: the experience of the Italian Civil Protection system, <i>Vittorio Bosi, (Italian DPC - MED-SUV)</i>
14:00 – 14:20	Earth Observation for the mitigation of natural disasters: the role of the Group on Earth Observations (GEO), <i>Francesco Gaetani (GEO)</i>	New generation e-infrastructure to support the Geohazard science community: the pilot SSEP (Super Site Exchange Platform) pilot case, <i>Pierre-Philippe Mathieu (ESA - MED-SUV)</i>
14:20 - 14:40	Integrating new atmospheric monitoring systems into operational infrastructure for services to users, <i>Steve Noyes (EUMETNET – WEZARD - EUVONET)</i>	Risk reduction: strategies for integration between scientific skills and end-users needs, <i>Warner Marzocchi &amp; Laura Sandri (INGV, MED-SUV)</i>
14:40 – 15:00	A New Opportunity for capitalizing on a Smart GEO-ecosystem, <i>Michele Manunta and Francesco Casu (CNR-IREA)</i>	Implementation of earthquake early warning and operational forecasting in the Marmara sea, Eastern Sicily and Iceland, <i>Paolo Gasparini (AMRA -REAKT)</i>
15:00 – 15:20	<b>DISCUSSION SESSION</b> <i>Chair: Luca Demicheli (EuroGeoSurveys)</i> <i>Rapporteur: Michael Symonds (ATOS)</i>	<b>DISCUSSION SESSION</b> <i>Chair: Denis Peter, (FP7-Natural Disasters, DG RTD)</i> <i>Rapporteur: Joan Marti (Institute of Earth Sciences Spain)</i>
15:20 – 15:40	COFFEE BREAK	
	<b>PLENARY SESSION II</b> <i>Chair: Michael Berger (DG RTD, EO Sector)</i>	
15:40– 15:50	SESSION 1 Report, <i>Francesco Gaetani (GEO)</i>	
15:50 – 16:00	SESSION 2 Report, <i>Massimo Cocco (EPOS, INGV)</i>	
16:00 – 16:10	SESSION 3 Report, <i>Michael Symonds (ATOS)</i>	
16:10 - 16:20	SESSION 4 Report, <i>Joan Marti (Institute of Earth Sciences Spain)</i>	
	<b>CLOSING SESSION</b>	
16:20 – 16:30	Wrapping up the Workshop: Conclusions and recommendations for the effective clustering of Supersites, <i>Efthimios Zagorianakos (DG RTD, EO Sector)</i>	
16:30 – 16:40	Concluding Remarks from the Organisers, <i>Gilles Ollier (Head of Earth Observation Sector, DG RTD)</i>	
	END OF WORKSHOP	