



SEVENTH FRAMEWORK PROGRAMME (FP7)  
SPECIFIC PROGRAMME 'COOPERATION' - ICT  
THEME: INTELLIGENT INFORMATION MANAGEMENT (ICT-2009.4.3)  
GRANT AGREEMENT NO: 258723

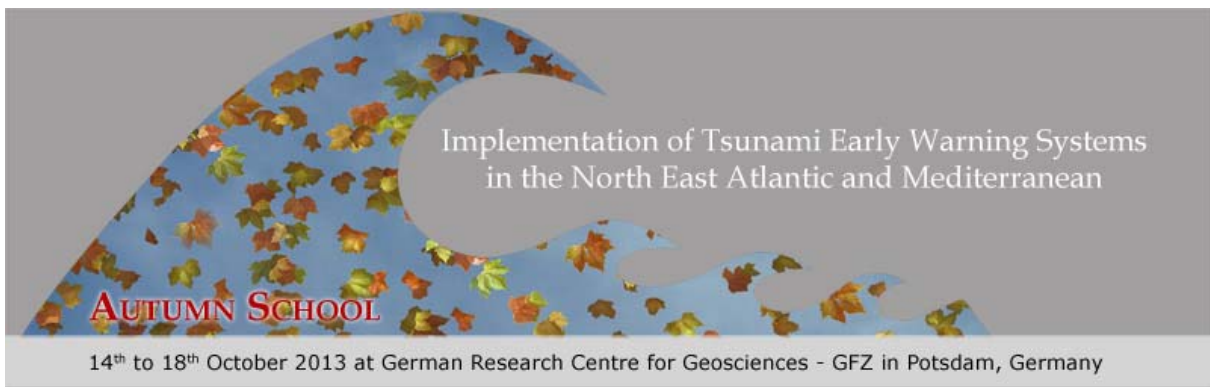
# TRIC<sup>3</sup>DEC

COLLABORATIVE, COMPLEX AND CRITICAL  
DECISION-SUPPORT IN EVOLVING CRISES

## Autumn School

IMPLEMENTATION OF TSUNAMI EARLY WARNING SYSTEMS IN THE  
NORTH EAST ATLANTIC AND MEDITERRANEAN

14<sup>TH</sup> TO 18<sup>TH</sup> OCTOBER 2013



## Programme

Monday, 14.10.2013			
<b>Startup Day</b>	12.00 - 13.00	Arrival and registration	
	13.00 - 14.00	Lunch	
	14.00 - 15.00	Welcome / Introduction	Andreas N. Küppers, Helmholtz-Centre Potsdam – GFZ German Research Centre for Geosciences, Staff Scientific Executive Board
	15.00 - 16.00	Intro GFZ and Early Warning Systems	Andreas N. Küppers, Helmholtz-Centre Potsdam – GFZ German Research Centre for Geosciences, Staff Scientific Executive Board
	16.00 - 17.00	GITEWS-DEWS-TRIDEC	Prof. Joachim Wächter (Coordinator), Helmholtz-Centre Potsdam – GFZ German Research Centre for Geosciences, Head of Centre for Geoinformation Technology CeGIT
		Guided tour at Telegraphenberg	Andreas N. Küppers, Helmholtz-Centre Potsdam – GFZ German Research Centre for Geosciences, Staff Scientific Executive Board
		Welcome dinner	

Tuesday, 15.10.2013			
<b>Political and Legal Background</b>	09.00 - 10.45	Tsunami EW in the UN system (Pol)	Dr. Thorkild Aarup (requested), Intergovernmental Oceanographic Commission of UNESCO
	10.45 - 11.15	Short break	
	11.15 - 13.00	EU legal & bureaucratic issues; Financing & organization	Mr. Peter Billing, European Commission - DG ECHO Emergency - Response Unit
	13.00 - 14.00	Lunch	13.00 - 14.00
	14.00 - 15.00	UNESCO guidelines	Dr. Öcal Necmioğlu, Kandilli Observatory and Earthquake Research Institute – KOERI, Department of Geophysics, Turkey
	15.00 - 16.00	Tsunami hazard in NEAMTWS	Prof. Stefano Tinti, University of Bologna – UNIBO

**Autumn School: Implementation of Tsunami Early Warning Systems in the North East Atlantic and Mediterranean, 14<sup>th</sup> – 18<sup>th</sup> October 2013**

<b>Wednesday, 16.10.2013</b>			
<b>Sensors, Simulations and TRIDEC</b>	09.00 - 10.00	Seismic Waves	Dr. Albrecht Schulze, GFZ German Research Centre for Geosciences - GeoLab
	10.00 - 10.45	Broad Band & SeisComp3	GFZ German Research Centre for Geosciences - Section Seismology
	10.45 - 11.15	Short Break	
	11.15 - 11.45	GPS	Dr. Andreas Höchner, GFZ German Research Centre for Geosciences - Section Earthquake Risk and Early Warning
	11.45 - 12.15	Buoys & Tide Gauges	Dr. Tilo Schöne (requested) GFZ German Research Centre for Geosciences- Section Global Geomonitoring and Gravity Field
	12.15 - 13.00	Tsunami Simulation	Dr. Andrey Babeyko, GFZ German Research Centre for Geosciences - Section Geodynamic Modelling
	13.00 - 14.00	Lunch	
	14.00 - 16.00	Presentation TRIDEC (Components, Architecture) Live Demonstration	N.N, GFZ German Research Centre for Geosciences - Centre for Geoinformation Technology CeGIT
	16.00 - 17.00	Presentation of the Geohazard App (30 minutes) Ushahidi (30 minutes)	Martin Hammitzsch, GFZ German Research Centre for Geosciences - Centre for Geoinformation Technology CeGIT

<b>Thursday, 17.10.2013</b>			
<b>TRIDEC Essentials</b>	09.00 - 10.00	System architecture	Rainer Häner, GFZ German Research Centre for Geosciences - Centre for Geoinformation Technology CeGIT
	10.00 - 10.45	Tsunami signal detection	Banafshe Arbab-Zavar (requested), IT Innovation, UK
	10.45 - 11.15	Short break	
	11.15 - 12.15	Twitter analysis / Web2.0	N.N., Fraunhofer Institute of Optronics, System Technologies and Image Exploitation – IOSB, Germany
	12.15 - 13.00	Automatic workflows	N.N., Fraunhofer Institute of Optronics, System Technologies and Image Exploitation – IOSB, Germany

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	13.00 - 14.00	Lunch	
	14.00 - 14.45	Geoinformatic GDI/OGC	Rainer Häner, GFZ German Research Centre for Geosciences - Centre for Geoinformation Technology CeGIT
	14.45 - 15.30	Dissemination / Information logistics	Martin Hammitzsch, GFZ German Research Centre for Geosciences - Centre for Geoinformation Technology CeGIT
	15.30 - 16.15	ITIL - early warning centre	Stefan Gensch (requested), GFZ German Research Centre for Geosciences - Centre for Geoinformation Technology CeGIT

<b>Friday, 18.10. 2013</b>			
<b>Best practice</b>	10.00 - 11.15	Working in an early warning centre	Mustafa Comoglu, Kandilli Observatory and Earthquake Research Institute – KOERI, Turkey
	11.15 - 12.15	Earthquake/ Tsunami - Education for population	Helmut Dürrast, Prince of Songkla University - Department of Physics, Thailand
	12.15 - 13.00	Wrap up	
	13.00 - 14.00	Final lunch	