



NEAREST

**Integrated Observations from NEAR shore sources of Tsunamis:
towards an early warning system**



WP9 ANALYSIS

from 1/10/2006 to 31/03/2007

FIRST SIX-MONTHLY MEETING

Lisbona, 17-18 May 2007



**SIXTH FRAMEWORK PROGRAMME
PRIORITY 1.1.6.3
Contract n. 037110 (GOCE)**

ISMAR-BO, ITALY



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The main goal of WP9 is to promote the transmission of project information to the general public, local communities, relevant regional and national institutions as well as civil protection agencies.



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- The Work Package will maximize the results of the project, in particular:

to raise awareness at the local, regional and inter-regional level about the need to carry out the integrated analysis of tsunamigenic structures and implementing a tsunami early warning system prototype



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to favour the co-ordination between stakeholders, including civil protection agencies, and decision makers in implementing actions to increase preparedness and to reduce vulnerability.



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WP9 TASKS

- **Task 9.1 *Project communication***
- **Task 9.2 *Project web site***
- **Task 9.3 *Contact database***
- **Task 9.4 *A dissemination plan***



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Deliverable list

Del. no.	Deliverable name	Delivery date (project month)
D31	project brochure	6
D32	web site	6
D33	contact database (regularly updated throughout the project)	8
D34a D34b	project information materials (initial, updates and final) current situation and know-how on tsunami and EWS	12, 24, 36 30
D35	periodical management reports	
D36	minutes of meetings and workshops	



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Task 9.1 *Project communication*

A project communication image was elaborated, with a **brochure** describing the project content and partners and containing the logo chosen by all partners during the Kick Off Meeting.

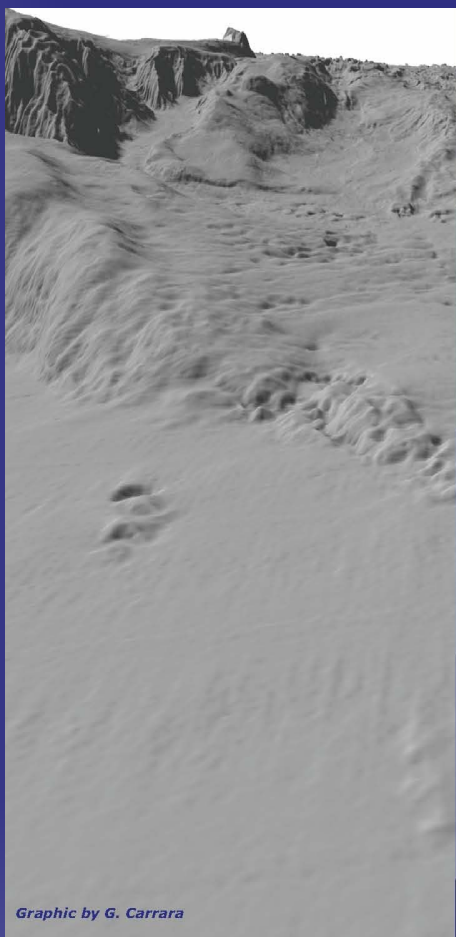





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Brochure Cover

 <p>Graphic by G. Carrara</p>	<p><i>Participants</i></p> <p>CNR - ISMAR, Istituto di Scienze Marine - Sede di Bologna, Italy</p> <p>FFCUL - Fundação da Faculdade de Ciências da Universidade de Lisboa - Centro de Geofísica da Universidade de Lisboa, Portugal</p> <p>CSIC - Consejo Superior de Investigaciones Científicas - Unitat de Tecnologia Marina - Centre Mediterrani d'Investigacions Marines i Ambientals, Spain</p> <p>AWI - Alfred-Wegener-Institute für Polar- und Meeresforschung Geophysics section, Germany</p> <p>UBO-UMR6358 - Université de Bretagne Occidentale Domaines Océaniques, France</p> <p>INGV - Istituto Nazionale Geofisica e Vulcanologia Roma 2 section - Marine Unit RIDGE, Italy</p> <p>TFH - Technische Fachhochschule Berlin - FB VIII - Maschinenbau, Verfahrens- und Umwelttechnik - AG Tiefseesysteme, Germany</p> <p>UGR - Instituto Andaluz de Geofísica - Universidad De Granada, Spain</p> <p>IM - Instituto de Meteorologia Divisão de Sismologia, Portugal</p> <p>CNRST - Centre National pour la Recherche Scientifique et Technique, Morocco</p> <p>XISTOS - XISTOS Développement S.A., France</p>	<p>NEAREST</p>  <p>Integrated Observations from NEAR shore sources of Tsunamis: towards an early warning system</p> <p>http://nearest.bo.ismar.cnr.it</p> <p>SIXTH FRAMEWORK PROGRAMME PRIORITY 1.1.6.3 GLOBAL CHANGE AND ECOSYSTEM</p>  
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Lisbona, 17-18 May 2007



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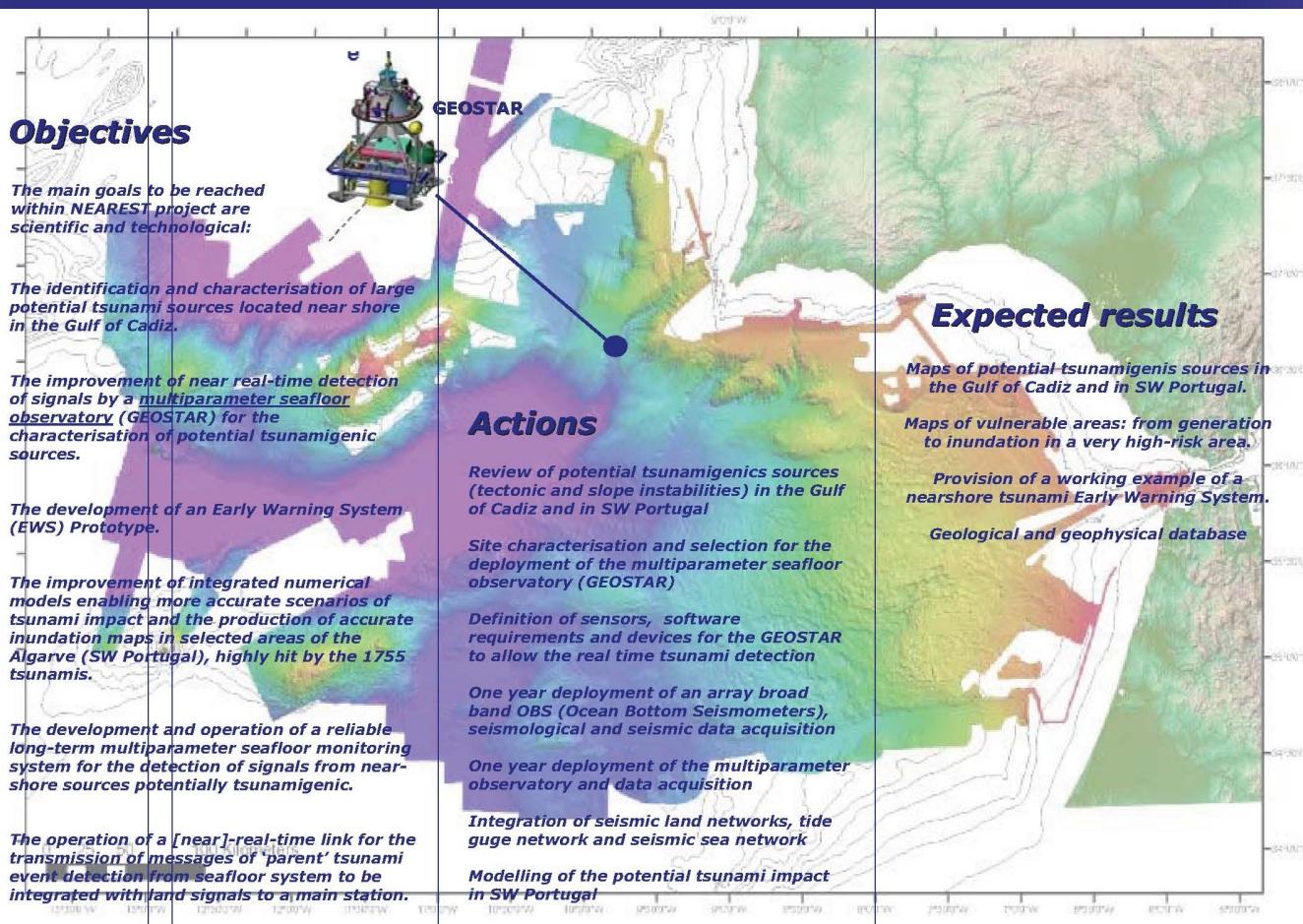


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Brochure Inside





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After the final suggestions, given by the Nearest partners, this first results will be used and distributed during meetings and events.



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Task 9.2 *Project web site*

The project web site, named “**nearest.bo.ismar.cnr.it**”, is hosted by the ISMAR computer centre of Bologna.

The site contains basic information and status of the project, a description of the partners and related links, documents and reports on project meetings, news etc.



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Integrated Observations from NEAR shore sourCES of Tsunamis: towards an early warning system



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http://nearest.bo.ismar.cnr.it/

Getting Started Latest Headlines

site map accessibility contact

 **NEAREST**
Integrated observations from NEAR shore sourCES of Tsunamis: towards an early warning system

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NEAREST - Integrated observations from NEAR shore sourCES of Tsunamis: towards an early warning system

NEAREST is addressed to the identification and characterization of potential tsunami sources located near shore in the Gulf of Cadiz; the improvement of near-real time detection of signals by a multiparameter seafloor observatory for the characterisation of potential tsunamigenic sources to be used in the development of an Early Warning System (EWS) Prototype; the improvement of integrated numerical models enabling more accurate scenarios of tsunami impact and the production of accurate maps in selected areas of the Algarve (SW Portugal), highly hit by the 1755 tsunamis. In this area, highly populated and prone to devastating earthquakes and tsunamis, excellent geological/geophysical knowledge has already been acquired in the last decade.

The methodological approach will be based on the cross-checking of multiparameter time series acquired on land by seismic and tide gauge stations on the seafloor and in the water column by broad band Ocean Bottom Seismometers and a multiparameter deep-sea platform, this latter equipped with real-time communication to an onshore warning centre. Land and sea data will be integrated to be used in a prototype of EWS.

NEAREST will search for sedimentological evidence of tsunamis records to improve the knowledge on the recurrence time for extreme events and will try to measure the key parameters for the comprehension of the tsunami generation mechanisms. The proposed method can be extended to other near-shore potential tsunamigenic sources, as for instance the Central Mediterranean (Western Ionian Sea), Aegean Arc and Marmara Sea.

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WEB MASTERS:

[Gabriela Carrara](#) [Giuseppe Stanghellini](#)

news

- Moroccan geological fieldwork 2007-05-09
- LISBON Meeting 2007-04-01
- Meeting task 6.1 - Barcellona 2006-12-13
- Nearest Prize Contest 2006-10-02

[More news...](#)

May 2007

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site map accessibility contact site setup

 **NEAREST**  

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display add to folder state: public draft

Welcome! You are now logged in.

NEAREST - Integrated observations from NEAR shore sourceS of Tsunamis: towards an early warning system

by admin — last modified 2007-05-15 15:16

NEAREST is addressed to the identification and characterization of potential tsunami sources located near shore in the Gulf of Cadiz; the improvement of near-real time detection of signals by a multiparameter seafloor observatory for the characterisation of potential tsunamigenic sources to be used in the development of an Early Warning System (EWS) Prototype; the improvement of integrated numerical models enabling more accurate scenarios of tsunami impact and the production of accurate maps in selected areas of the Algarve (SW Portugal), highly hit by the 1755 tsunamis. In this area, highly populated and prone to devastating earthquakes and tsunamis, excellent geological/geophysical knowledge has already been acquired in the last decade.

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PUBLIC AREA

PRIVATE AREA

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The Web Site is divided in two areas with different characteristics:

- a **public** section, accessible to every users, and
- a **private** section fully open to all the project partners with the aim to assure co-ordination and retrieval of project information.



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The next goal will be the creation of a list of links to web sites of interest and a section where the results of the project, tailored to inform non-specialists and the general public, will be downloadable.

For this aim all partners are invited to contribute to the setting-up of a common database of contact persons, communities, institutions and authorities at both local and national levels.



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**In the meanwhile we have undertaken in the
following activities:**

- developing a relational database of geological and geophysical data (i.e. sub-bottom profiler segy data, MCS segy data, bathymetric data, navigation data etc.).

**Our goal will be to put this database accessible on
the web site.**



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- organizing an ftp site (<ftp.ismar.bo.cnr.it>) accessible by login and password in order to permit a sure exchange of big amount of geological/geophysical data among the project partners.

The FTP site is also accessible by the Nearest web site

Login: **nearest**
Password: **aesei4Ee**



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- Urania cruise planning (permissions request to the Portuguese and Moroccan Authorities, organizing port calls, embarking people and instruments, etc.)