

ICG ACTIVITIES FOR NORTHEASTERN ATLANTIC, MEDITERRANEAN AND CONNECTED SEAS



The ICG/NEAMTWS was established as subsidiary body of the IOC, at the 23rd Session of the IOC Assembly in June 2005 through the Resolution XXIII-14

Five sessions of the ICG/NEAMTWS have been held:

The activities of the NEAMTWS were reported at the 39th and 40th Sessions of the IOC Executive Council (Paris, respectively in June 2006 and 2008) and at the XXIV IOC Session (Paris, June 19-28 2007)

in Nice (22-24 May 2006) hosted by the Government of France and by the Conseil Général des Alpes-Maritimes

- **Rome (November , 21-22 2005) hosted by the Government of Italy**
- **Bonn (February , 7-9 2007) hosted by the Government of Germany**
- Lisbon (November 21-23, 2007) hosted by the Government of Portugal**
- **Athens (November 3-5, 2008) hosted by the Government of Greece**
- **Istanbul (November 11-13 2009) hosted by the Government of Turkey**

Chair of the ICG/NEAMTWS

**Stefano Tinti,
University of Bologna, Italy**

- **Vice-Chairs are:**
- **Maria Ana Baptista,
FCUL, Lisbon, Portugal**
- **Gerassimons Papadopoulos,
NOA, Athens, Greece**

- **Four intersessional Working Groups have been established in Nice (May 2006) and confirmed in Lisbon (November 2007)**
- **1. Hazard assessment, risk and modeling**
- **2. Seismic and geophysical measurements**
- **3. Sea Level Data Collection and Exchange, including Offshore Tsunami Detection and Instruments**
- **4. Advisory, mitigation and public awareness**

- **Working Group 1**
- **Hazard Assessment, Risk and Modelling**
- **chair: François Schindelé France**
- **co-chair: Mauricio Gonzalez Spain**
- **Intergovernmental Coordination Group for the Tsunami Early Warning and Mitigation System in the North Eastern Atlantic, the Mediterranean and connected Seas (ICG/NEAMTWS)**

- **Working Group 2**
- **Seismic and Geophysical Measurements**
- **chair: Giulio Selvaggi, Italy**
- **co-chair: Winfried Hanka, Germany**

- **Working Group 3**
- **Sea Level Data Collection and Exchange, including Offshore Tsunami Detection and Instruments**
- **chair: Begoña Pérez, Spain**
- **co-chair: A.K.Yelles-Chaouche, Algeria**

- **Working Group 4**
- **Advisory, Mitigation and Public Awareness**
- **chair: Russell Arthurton, United Kingdom**
- **co-chair: Luis Matias, Portugal *Stefano Tinti***

- **Functions of RTWC (will be developed by the Task Team)**
- **Intergovernmental Coordination Group for the Tsunami Early Warning and Mitigation System in the North Eastern Atlantic, the Mediterranean and connected Seas (ICG/NEAMTWS)**
- **Receive and interpret RT seismic and sea-level measurements**
- **Determine seismic parameters**
- **Forecast tsunami arrival times and level of alert at each forecasting point specified by MS**
- **Exchange seismic parameters and information with other RTWCs and NTWCs**
- **Disseminate watch and cancellation messages based on the alert-level decision matrix to NTWCs and the Tsunami Warning Focal Points**
- **Monitor tsunami propagation and disseminate updated information, in priority tsunami amplitude measurements**

- **Functions of RTWC (will be developed by the Task Team)**
 - Monthly tests of the watch system
 - Procedures, documentation...
 - Regional tsunami exercises
 - Training courses in collaboration with other RTWC and IOC
- Participate actively and report to the ICG and WGs

Requirements of RTWC (will be developed by the Task Team)

- Seismic as well as tsunami/oceanographic expertise
- Direct access to tsunami and large earthquakes data base
- Real-time transmission systems for reception of data
- Real-time alert reception and transmission systems like GTS, Internet...
- Backup/independent power supply
- Permanent staff on 24/7 watch
- Tsunami modelling capacity to produce and update scenarios

- **LIST OF THE REGIONAL CENTERS**

- Istituto Nazionale di Geofisica e Vulcanologia – INGV, Italy
- GeoForschungsZentrum – GFZ, Germany (data collection and processing, backup to regional centres)
- Commissariat à l’Energie Atomique, Département analyse, surveillance, environnement – CEA/DASE, France
- Bogazici University Kandilli Observatory and Earthquake Research Institute – KOERI, Turkey
- National Observatory of Athens – NOA, Greece
- IM – Portugal
- IGN - Spain

- Sea Level Network and Sea Level Monitoring
- 6th Meeting in Istanbul on November 1-13, 2009
- http://www.iode.org/index.php?option=com_oe&task=viewEventDocs&eventID=353

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IODIE - Documents for the Event 'Fifth Session of the ICG/NEAMTWS, Greece, 3 - 5 November 2008' - Windows Internet Explorer

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International Oceanographic Data and Information Exchange

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ICG/NEAMTWS-V
Fifth Session of the ICG/NEAMTWS,
Greece, 3 - 5 November 2008
3 - 5 November 2008, Athens, Greece

Overview Agenda Documents Participants

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Agenda Documents

Agenda #	Code	Title	Upd. On
3.1		Presentation from ICG/NEAMTWS chairman: Tsunami Warning System for the NEAM Region	12/12/08
3.2		Presentation on activities of WG4	12/12/08
3.2		Presentation on activities of WG3	12/12/08
3.2		Presentation on activities of WG2	12/12/08
3.2		Presentation on activities of WG1	12/12/08
3.2		Follow-up of the First Meeting of the Working Group on	11/12/08

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- **THANKS FOR ATTENTION**