FINAL MEETING 6th – 8th APRIL 2017 – MALLORCA, BALEARES
AGENDA

Day 0 – 5th April

19h00 – 20h00 Registration (hotel lobby – next to the front desk)

Day One – 6th April

8h00 – 9h00 Registration (hotel lobby – next to the front desk)

9h00 Opening and Welcome

Miquel Canals (host, UB)

9h15 – 10h15 **Work Package 2** ***Long Term Recurrence of Tsunamis***

- The offshore record of MTDs in the NEAM region: evidence of past tsunamis?

Miquel Canals, UB

- Re-evaluation of BCR drill cores and innovative observatories for the NEAM region

Achim Kopf, UBremen

- Hellenic arc MCS results

Costas Synolakis, TUC

- Paleotsunami Database

Paolo Marco de Martini, INGV

- Paleotsunami deposits along the coast of Egypt correlate with historical earthquake records of eastern Mediterranean

Mustapha Meghraoui, CNRS Strasbourg

10h15 – 10h45 Coffee break

10h45 – 12h00 **Work Package 3** ***Tsunami Sources and Generation Mechanisms***

- Overview of WP3

Carl Harbitz and Finn Lovholt, NGI; Stefano Lorito, INGV; Raphaël Paris, CNRS

- Scientific presentations by WP participants.

- Inversion of tsunami waveforms: recent improvements

Kenji Satake, University of Tokyo

12h00 – 13h15 **Work Package 5** ***Tsunami-Coastal Impacts***

- WP5 summary

Mauricio González, UC

- Task 1: Laboratory experiments on rubble-mound breakwaters.

Íñigo Aniel-Quiroga, UC

- Task 2: Tsunami seabed interaction.

David Fuhrman, DTU

- Task 3: Tsunamis in harbours and coastal basins.

Ahmet Yalciner, METU

- Development of the real time inundation estimation tools

Tomohiro Takawaga, PARI

- Tsunami-induced Damage in Harbors

Patrick Lynett, USC

13h15 – 14h30 Lunch

14h30 – 15h45 **Work Package 4 *Numerical Modelling Infrastructure***

- New benchmarks for model validation in ASTARTE

Utku Kanoglu, METU

- Tsunami modelling workflow in the cloud: an instant computing approach

Jörn Behrens, UBremen

- Statistical emulation of landslide induced tsunamis at the Rockall Bank, NE Atlantic

Frederic Dias, NUID-UCD

- Development of the high precision tsunami calculation methods

Taro Arikawa, PARI

15h45 – 16h15 Coffee break

16h15 – 17h15 **Work Package 6 *Operational Detection and Communication Infrastructure***

- Overview of WP6 activities

Öcal Necmioğlu, BOUN-KOERI

- D6.6 Integration of submarine sensor data into NEAMTWS

Öcal Necmioğlu, BOUN-KOERI

- D6.4 and D6.32: Existing Tsunami Early Warning relevant infrastructure in the NEAM - Region and Communication Infrastructure Improvements

Marinos Charalampakis, NOA

- D6.23 Integration of available oceanography-meteorology data into NEAMTWS

Luís Matias, FFCUL

- D6.31 and D6.24: Towards better event evaluation: Optimisation of sensor location and assessment of new sensor types

Andrey Babeyko, GFZ

17h15-18h30 **Work Package 7 *Early Warning and Forecast***

- Overview of the activities of the work package

Alex Rudloff, GFZ

- Scientific presentations by WP participants and task leaders

- Tsunami Forecast development and practice

Vasily Titov, NOAA-PMEL

End of Day 1

Day Two – 7th April

9h00 – 10h00 **Work Package 8 *From Hazard to Risk Assessment***

- Task 8.1 + Task 8.3 Hazard and Risk Assessment Methods

Stefano Tinti, UNIBO (with NGI)

- Task 8.2 Exposure and Vulnerability Assessment Approaches

Gerassimos Papadopoulos, NOA

- Task 8.4 Quantifying and Managing Uncertainties

Stefano Lorito, INGV

- Task 8.5 Pilot Analysis Support Platform and GIS Risk database of ASTARTE Products

Stefano Tinti, UNIBO

10h00 – 11h00 **Work Package 9 *Building Tsunami Resilient Societies***

- General presentation of the WP9: key findings and gaps

Franck Lavigne, CNRS

- Task 9.4. Evacuation modelling in Colonia Sant Jordi

Ignacio Aguirre Ayerbe, UC

- Task 9.5. Presentation of the leaflets and the documentary film: "A tsunami in Nice: really?" (CNRS, 7'50'')

Franck Lavigne, CNRS

11h00 – 11h30 Coffee break

11h30 – 12h30 **Work Package 10 *Dissemination and Exploitation of Results***

- Summer School

Martin Wronna, IPMA; Nilay Dogulu, METU

- FIND – second release and field test

André Rodrigues, FFCUL

- ASTARTE dissemination activities

Ahmet Yalciner, METU

12h30 – 13h00 **Overall look at ASTARTE outcomes – policy brief**

Maria Ana Baptista, project coordinator

13h00 – 14h00 Lunch

14h00 – 14h20 **ASTARTE project – Feedback and future recommendations**

Christa Von Hillebrandt-Andrade, NOAA, External Advisory Board

14h20 – 14h40 **ASTARTE project – Feedback and future recommendations**

Hitomi Murakami, Yamaguchi University, External Advisory Board

14h40 – 15h00 **ASTARTE: EC and External Reviewers point of view**

Alessandra Cavalletti, Reviewer

15h00 – 15h25 **From ASTARTE to TSUMAPS-NEAM**

Stefano Lorito, INGV, on behalf of Roberto Basili, TSUMAPS-NEAM coordinator

15h25-15h50 Coffee break

15h50 – 16h15 **Global Tsunami Model**

Carl Harbitz, NGI, on behalf of Finn Lovholt

16h15 – 16h30 **TROYO Project**

Ahmet Yalciner, METU

16h30 – 17h30 **General Assembly and SSC Meeting**

Preparation of the final report

Issues to be suggested by WP leaders

End of Day 2

Day Three – 8th April

Field Trip[1]

09h00 Departure from Portblue - Club Pollentia Resort.

[1] Field Trip costs covered by the University of Barcelona

Morning. **1.** Visit to caló d'en Serralt (seacliff formed by a Miocene reef), nearby Cala Barques, in the municipality of Manacor, to the east of the island. **2.** Cap ses Salines (metric-sized, several tons in weight imbricated blocks along the seashore) - Colònia Sant Jordi sector. Possible visit to the "talaiots" megalithic monuments nearby (time permitting).

14h00-15h00 - Restaurant Ca' s Busso (lunch hosted by the University of Barcelona)

From 15h00 onwards. **3.** Visit to the Bancals, nearby Cala Pi, to the south of the island, recently discovered as related to tsunami research.

17h00 end of the field trip and return to Portblue - Club Pollentia Resort.

Posters

- Babonneau *et. al.* Holoceno turbidite records off 2 margins segments of Algeria
- Charalampakis, Novikova, Papadopoulos & Triantafyllou Tsunami evacuation exercise in Heraklion test-site
- Drago *et. al.* Searching for Tsunamis evidence on the southern Portuguese continental shelf sedimentary record
- Glimsdal *et. al.* Development of Local Amplification Factors in the NEAM Region for Production of Regional Tsunami Hazard Maps
- Hemdane *et al.* Very low cost high frequency tide gauge: The Rotary Tide Gauge - Tsunamis, meteotsunamis/seiches, harbor oscillations, waves/swell and tide observations
- Ionesco, Moldovan Black Sea tsunamis - monitoring and warning
- Kopf *et al.* New observatory technologies that monitor gas hydrate stability off Norway
- de Martini *et. al.* The ASTARTE Mass Transport Deposits data base - a web-based reference for submarine landslide research around Europe
- Meghraoui *et al.* Modeling of tsunami waves and seismic source of the 1790 Oran earthquake and its impact in the Alboran Sea
- Monnier, Gailler, Schindelé Application of the tsunami simulations to a real time demonstrator
- Monnier, Gailler, Schindelé Suitability of GPS technology for the CENALT purpose: Definition of optimum sensor locations
- Murphy et. al. Complexity of earthquake rupture dynamics and tsunami hazard applications
- Neres *et. al.* Seismicity rates inferred from neotectonic modeling

- Papadopoulos *et. al.* Documentation of palaeotsunamis in Santorini Isl. from historical accounts and sediment deposits
- Roch, Schindelé and Duperray Fast characterization of moment magnitude and focal mechanisms in the context of tsunami warning in the NEAM region (W-phase and PDFM2 algorithms)
- San Pedro *et. al.* EQ recurrence intervals from offshore paleoseismology in Ionian Sea
- Selva *et. al.* Towards Probabilistic Tsunami Forecast (PTF) in the NEAMTWS
- Strasser *et. al.* Extreme event archived in the geological record of the Japan Trench: New results from R/V Sonne Cruise SO251 towards establishing J-TRACK paleoseismology
- Terrinha *et. al.* Mass Transport Deposits of the Portuguese proximal continental margin. Implications for tsunami record and tsunami hazard. The Tagus delta landslide and MTDs off Algarve

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