



IOC-UNESCO EU DG-ECHO CoastWAVE Project Workshop

Standard Operating Procedures (SOP) Planning and Implementation for
Tsunami Response in NEAM Region

Jointly organized by IOC-UNESCO and EC-JRC

Provisional Agenda and Timetable

October 5-6, 2022
Ispra, Italy

Background

The Intergovernmental Oceanographic Commission (IOC) of UNESCO and the JRC have collaborated on many aspects in the North-Eastern Atlantic and Mediterranean (NEAM) region, including the preparation of tsunami scenarios, provision of operational tsunami early warning software to Tsunami Service Providers, the establishment and management of inexpensive sea-level devices network, and recently initiatives towards community preparedness and response in the Mediterranean region through the Tsunami Last Mile Projects in Greece, Turkey and Malta. One of the most recent examples of such collaboration is through the IOC-UNESCO DG-ECHO Project “CoastWAVE”, which was initiated in September 2021. The project aims to strengthen the resilience of vulnerable coastal communities in the North-East Atlantic, Mediterranean and its connected seas (NEAM) region to tsunamis and other sea level-related hazards. In particular, the collaboration includes building tsunami resilience at the local level and ensuring the longer-term sustainability of the Inexpensive Device for Sea Level (IDSL) network to provide early warning of rapid onset sea level-related hazards in selected NEAMTWS countries.

IOC-UNESCO and JRC of the European Commission are co-organising a workshop on the Standard Operating Procedures (SOP) Planning and Implementation for Tsunami Response in NEAM region from 5 to 6 October 2022 at the Joint Research Centre (JRC) in Ispra, Italy following the hybrid workshop on the Requirements, Challenges, Opportunities for Local Tsunami Warning Systems in the Context of Multi-Hazard Disaster Risk Mitigation in the NEAM Region to be held from 4 to 5 October 2022.

Several workshops and trainings have been carried out over the years by IOC UNESCO and partners in the Pacific, Caribbean and Indian Ocean to support the development of tsunami Standard Operating Procedures (SOP). This workshop will set a benchmark for tsunami SOP development in NEAM region in the context of the CoastWAVE project by sharing experiences and lessons learned from the other ICG / tsunami regions.

Key Objectives of the Workshop

The workshop will:

- 1) review current SOPs and governing frameworks/regulations, as well as identify gaps and possible challenging on establishing tsunami SOP Plans at national and local levels
- 2) identify components and content of Tsunami response Plan (TRP)
- 3) introduce SOP Standards and Guidelines MG 76 and MG 82 of IOC-UNESCO
- 4) guide partners on the SOP Preparation Workflow for stakeholders and communities
- 5) develop and integrate the SOPs between stakeholders
- 6) share experiences, examples, lessons learned and references for TRPs and SOPs from other regions (Indian Ocean and Caribbean).

At the end of this workshop, participants will have the knowledge and capacity to advance the development of an SOP for tsunami in respective country.

Target Audience:

1. CoastWAVE project partners

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DAY 1: Wednesday, 5 October 2022, 1pm - 6pm (Local Time)			
Item	Time	Topic	Lead
	1pm-2pm	Buffet Lunch	
1	2pm-2:15pm	Welcoming and Overview of Workshop	Denis Chang Seng
2	2:15pm-2:30pm	Logistics	Derya Itir Vennin
3	2:30pm-4:00pm	Effective End to End TWS <ul style="list-style-type: none"> ○ Overview of End-to-end TWS <i>(MG 76, 2.1, 2.2, MG 82, 1.2)</i> ○ Generic Roles and Responsibilities of TSP <i>(MG 76, 3.2) and NTWC (MG 76, 3.3)</i> ○ NTWC SOP Development <i>(MG 76, 3.5, 3.6)</i> ○ Interactive Activity 1 	Derya Itir Vennin Bernardo Aliaga
	4:00pm-4:15pm	COFFEE/TEA Break	
4	4:15pm-4:45pm	National to Local Tsunami Warning Chain and SOPs <ul style="list-style-type: none"> ○ The roles and responsibilities of EMA <i>(MG 76, 4.2)</i> ○ TER and SOP Development for EMA <i>(MG 76 4.3, 4.4, 4.5, MG 82 Module 3-3.3)</i> 	Derya Itir Vennin
5	4:45pm-5:20pm	National to local tsunami Warning Chain and SOPs <i>(cont.)</i> <p style="text-align: center;">Designing Tsunami Warnings and Evacuations: What Expert Stakeholders and the Public Should Know?</p> <p style="text-align: center;"><i>(MG 76, 4.5.1, MG 82 Step 4 of Module 3)</i></p> <ul style="list-style-type: none"> ○ Interactive Activity 2 	Denis Chang Seng
6	5:20pm-6pm	IOC Development of SOPs for Tsunamis Generated by Non-seismic and Complex Sources	Rick Bailey
<i>Meeting Close Day 1</i>			
	7:30pm-11pm	GROUP DINNER- MiraLago Pizza, Ispra	

DAY 2: Thursday, 6 October 2022, 9am - 6pm (Local Time)			
Item	Time	Topic	Lead
1	9am-9:30am	<p>Opening- Brief Summary of Day 1</p> <p>National to local tsunami Warning Chain and SOPs (cont.)</p> <p>Designing Tsunami Warnings and Evacuations: What Expert Stakeholders and the Public Should Know?</p> <p><i>(MG 76, 4.5.1, MG 82 Step 4 of Module 3)</i></p>	Denis Chang Seng
2	9:30am-11am	<p>Country NTWC and EMA (national and local if any) SOP Presentations</p> <ul style="list-style-type: none"> ○ Background and Key Issues ○ Review of current National and local SOPs and related regulations 	<p>Nikos Kalligeris</p> <p>Haluk Ozener/Didem Cambaz</p> <p>Ahmet Cevdet Yalciner</p> <p>Amr Hamouda</p> <p>Khalid El Khalidi</p>
	11am-11:15am	COFFEE/TEA Break	
3	11:15am-12pm	<p>Country NTWC and EMA (national and local if any) SOP Presentations (cont.)</p> <ul style="list-style-type: none"> ○ Background and Key Issues ○ Review of current National and local SOPs and related regulations 	<p>Sylvana Pilidou</p> <p>Ignacio Aguirre Ayerbe</p> <p>Pauline Galea</p>
4	12pm-1pm	<p>Sharing Experiences, Lessons Learned and References for SOPs</p> <ul style="list-style-type: none"> ○ SOP Development/experience in the Indian Ocean ○ SOP Development/experience in the Caribbean 	<p>Rick Bailey</p> <p>Bernardo Aliaga</p>
	1pm-2pm	Buffet Lunch	
5	2pm-5pm	<p>Group work/hands on Activities-Integration of SOPs from NTWC to Community</p> <p><i>Hotwash</i></p>	all
6	5pm-5:50pm	<p>Group Discussions</p> <p><i>The way forward</i></p>	all

7	5:50pm-6pm	Closing	Denis Chang Seng
<i>Meeting Close Day 2</i>			