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Update of UNESCAP NWIO Project Phase 2c

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ICG Indian Ocean Tsunami Warning & Mitigation System SOP Workshops August 2023:
*Standard Operating Procedures (SOPs) for
National Tsunami Warning Centres (NTWCs) and
Disaster Management Organisations (DMOs)*

Strengthening tsunami early warning in the North-West Indian Ocean region through regional cooperation

Aims

Phase 1: US\$ 147,470

- 1) Better understanding of the tsunami risk knowledge to inform and underpin warning and mitigation systems in the NWIO to enable appropriate and effective community responses to the tsunami threat.
- 2) Improvement of warning services at NTWC level and the organization of the national warning chains to assure timely warnings.

Phase-2a:

1. Finalisation of some Phase-1 remaining activities in tsunami risk knowledge and strengthening of national tsunami warning chains

Phase-2b:

2. Gap analysis and development of guidance on tsunami inundation mapping and evacuation planning in the NWIO region

Project Cost US\$ 280.442,-

Phase-2c: US\$ 240.000,-

- 3) Training in development of tsunami inundation maps and evacuation plans to facilitate effective community responses to the threat from near-field and far-field tsunamis.

Objectives Phase 2c

- Development of hazard and inundation mapping capabilities by enhancing capacities in tsunami modelling.
- Development of inundation mapping and evacuation planning capabilities in line with the requirement for communities to effectively respond to the threat from near-field and far-field tsunamis.

Expected Outcomes Phase 2c

- **Increased capacities and knowledge on tsunami and inundation modelling and mapping** in the participating countries
- **Improved databases for tsunami forecasting** at NTWC level
- **Increased coverage of areas with scientifically robust inundation maps for the threat of tsunami**, as well as information for risk-sensitive planning
- **Tested and approved tsunami evacuation plans in selected pilot areas** providing references for further up-scaling
- **National mechanism and capability to support the development of evacuation plans at community level** in remaining tsunami prone areas in line with the requirements of the UNESCO/IOC Tsunami Ready Programme

Outputs of Phase 2c

- 1. Regional training workshop for members of the NWIO Regional Working Group on Tsunami Inundation Modelling and Mapping (RWG-TIMM).**
- 2. Regional training workshop for selected participants from the National Working Groups on Tsunami Evacuation Planning (NWG-TEPs) of the member countries to build the required capacities to facilitate and provide technical expertise for evacuation planning processes at local level**
- 3. Implementation and backstopping during the evacuation planning and implementation processes in pilot communities to help strengthen capacities of the national facilitators, and to assure quality in the processes and outputs.**

Schedule NWIO UNESCO Project Phase 2c Activities

Objectives		12 Months											
		1	2	3	4	5	6	7	8	9	10	11	12
Project Set up													
5.0	Engage consultants												
5. Training in development of tsunami inundation maps and evacuation plans to facilitate effective community responses to the threat from near-field tsunamis.													
5.1. Regional training workshop for members of a NWIO Regional Working Group on Tsunami Inundation Modelling and Inundation Mapping (RWG-TIMM) to utilise unified approach developed in Phase 2b to develop inundation maps for identified pilot areas													
	Virtual coordination and meetings with Regional Working Group TIMM (RWG-TIMM)												
	Preparation for Regional Workshop on Tsunami Inundation Models and Mapping												
	Regional Workshop on Tsunami Inundation Modelling and Mapping in Oman/UAE												
	Prepare inundation maps for Pilot Areas												
5.2. Regional training workshop for selected participants from the Member States to build the required capacities to facilitate and provide technical expertise for evacuation planning processes at local level													
	Virtual coordination and meetings with National Working Groups Tsunami Evacuation Planning (NWG-TEP)												
	Preparation for regional training /WS on evacuation planning												
	Regional training workshop on evacuation planning in Oman/UAE												
5.3 National implementation and backstopping at national level during the evacuation planning processes in pilot communities to strengthen capacities of the NWG-TEPs and national facilitators, to assure quality in the processes and outputs													
	Virtual coordination and meetings with National Working Groups Tsunami Evacuation Planning (NWG-TEP)												
	Evacuation plans prepared for Pilot Communities												
	Tsunami drills for Pilot Communities												
6. Project Evaluation													
6.1 Project Evaluation													
	Meet project management team Jakarta/Perth												
	Virtual consultation with project team and meetings with Member States												
	Complete NWIO Project Phase 2a 2b 2c evaluation report												



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Status of Phase 2c

Exchange of Draft LoA

- UNESCAP agree and ready to sign
- UNESCO principally agree with the LoA subject to internal approval
 - Project proposal has been established in UNESCO System
 - Internal process for project budget and cost



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THANK YOU

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