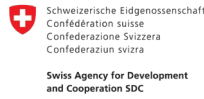




**With support from:**



## **CONCEPT NOTE**

### **Capacity Assessment Validation Workshop**

#### **2024 Tsunami Preparedness Capacity Assessment in Indian and Pacific Oceans Project**

Bangkok, Thailand, 4-6 September 2024

### **1. Mission Objectives**

The mission aims to support the in-depth capacity assessment of tsunami preparedness of the UNESCO-IOC Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWMS) Member States by the 20<sup>th</sup> commemoration of the Indian Ocean Tsunami of 2004.

The specific objectives include:

1. Meeting of 2024 ICG/IOTWMS Capacity Assessment Tsunami Preparedness team reporting to ICG/IOTWMS Working Group 3 on Tsunami Ready Implementation to review initial findings of the 2024 IOTWMS Capacity Assessment Survey prepared by University of Huddersfield and workshop key recommendations across all the working groups and task teams of the ICG/IOTWMS representing the tsunami warning and mitigations pillars for ICG/IOTWMS Steering Group review and endorsement. The 2024 assessment builds on and utilises the procedures and survey developed for the 2018 IOTWMS Capacity Assessment by the former task team lead by Dr Rahayu Harkunti.
2. Meeting with Thailand stakeholders to review their national response to the 2024 IOTWMS Capacity Assessment Survey, to help the understanding of tsunami warning and preparedness across relevant stakeholders, validating the survey process being utilised for the 2024 assessment across the Indian Ocean, and briefing ESCAP, other key agencies, and donors located in Bangkok on the project and progress.
3. Use outcomes from the 2024 IOTWMS Capacity Assessment to review utility of current ICG/IOTWMS Medium Term Strategy (MTS) ending in 2024 and provide input to development of the next MTS by the ICG/IOTWMS.
4. Utilise the opportunity to meet with representatives from EW4ALL lead partners located in Bangkok to share updates and reflect on the UNESCO-IOC Tsunami Programme and EW4ALL, especially discuss the valuable outcomes from the 2024 IOTWMS Capacity Assessment of benefit to both activities.
5. Briefing of representatives from the UNESCO-IOC Intergovernmental Coordination Group for the Pacific Tsunami Warning and Mitigation System (ICG/PTWS) in the Member State survey process and analysis to facilitate a similar process for the 2025 PTWS Capacity Assessment of Tsunami Preparedness.

The ultimate objective is to safeguard lives and assets from the tsunami hazard in a multi-hazard framework.

The 2024 Capacity Assessment of Tsunami Preparedness survey in ICG/IOTWMS Member States is being conducted by UNESCO-IOC, supported by the ESCAP Trust Fund for Tsunami, Disaster and Climate Preparedness, the Asian Development Bank, and the Swiss Agency for Development and Cooperation.

## 2. **Mission Members** (travel supported by the project)

- i. Dr Yuelong Miao (Vice-Chair ICG/IOTWMS) (Melbourne, Australia)
- ii. Dr Harkunti Rahayu (Chair, ICG/IOTWMS WG-1 Tsunami Risk, Community Awareness and Preparedness) (Bandung, Indonesia)
- iii. Mr Jijjavarapu Padmanabham (Chair, ICG/IOTWMS WG-2 Tsunami Detection, Warning and Dissemination) (Hyderabad, India)
- iv. Ms Suci Anugrah (Chair, ICG/IOTWMS WG-3 Tsunami Ready Implementation) (Jakarta, Indonesia)
- v. Dr Mohammad Mokhtari (Chair, ICG/IOTWMS RWG North-West Indian Ocean) (Bergen, Norway)
- vi. Ms Sunanda Manneela (Vice-Chair, ICG/IOTWMS RWG NW Indian Ocean) (Hyderabad, India)
- vii. Ms Weniza (Chair ICG/IOTWMS Task Team Exercise IOWave23) (Jakarta, Indonesia)
- viii. Mr Ardito M. Kodijat (Head UNESCO-IOC Indian Ocean Tsunami Information Centre) (Jakarta, Indonesia)
- ix. Mr Harald Spahn (Tsunami warning chain and evacuation planning expert) (Berlin, Germany)
- x. Prof Richard Haigh (University of Huddersfield) (Huddersfield, UK)
- xi. Prof Dilanthi Amaratunga (University of Huddersfield) (Huddersfield, UK)
- xii. Ms Lara Bland, ICG/PTWS representative (Wellington, New Zealand)
- xiii. Dr Laura Kong, ICG/PTWS representative (Honolulu, USA)
- xiv. Mr Bernardo Aliaga (Head UNESCO-IOC Tsunami Resilience Section and Acting Head UNESCO-IOC ICG/IOTWMS Secretariat) (Paris, France)
- xv. Ms Nora Gale (UNESCO-IOC ICG/IOTWMS Secretariat) (Perth, Australia)
- xvi. Mr Rick Bailey (Project consultant) (Melbourne, Australia)

## 3. **UN ESCAP and Affiliated Participants**

- i. Ms Temily Isabella Baker (Programme Management officer, UN ESCAP) (Bangkok, Thailand)
- ii. Ms Nattabhon Narongkachavana (Programme Assistant, UN ESCAP) (Bangkok, Thailand)
- iii. Mr Kazi Shahidur Rahman (Project consultant) (Bangkok, Thailand)
- iv. Anne Orquiza (Senior Public Management Officer (Disaster Risk Management, Asian Development Bank)
- v. Erik Kjaergaard (Senior Regional Programme Manager / Disaster Risk Management Advisor, Swiss Agency for Development and Cooperation (SDC))

## 4. **Invited Observers** (5-6 September 2024)

- i. Chaiwat Chuntirapong (Director-General, Thailand Department of Disaster Prevention & Mitigation (DDPM)
- ii. AR Subbiah (Director, Regional Integrated Multi-Hazard Early Warning System)
- iii. Marco Toscano-Rivalta (Chief of Office, UNDRR Regional Office for Asia and the Pacific, United Nations Disaster Risk Reduction (UNDRR))
- iv. Ben Churchill (Director, Regional Office for Asia and the South-West Pacific, World Meteorological Organization (WMO))
- v. Atsuko Okuda (Regional Director, Regional Office for Asia and the Pacific, International Telecommunication Union (ITU))
- vi. Kathryn Clarkson (Head of IFRC Country Cluster Delegation for Cambodia, Lao PRD, Thailand and Vietnam)
- vii. Sanny Jegillos (Senior Advisor on Disaster Risk Reduction, UNDP Bangkok Regional)
- viii. Sanjay Srivastava (Chief of Disaster Risk Reduction Section, ESCAP)

5. Provisional Agenda (parts to be confirmed with UNESCO-IOC Tsunami National Contact for Thailand)

Location	Time	Activity	Moderator/ Presenter	Participants
<b>Day 0: 3 September 2024</b>				
Suvarnabhumi Airport (BKK)	Individual plans	<i>Travel to Thailand</i>		Mission members
Hotel	Individual plans	<i>Check in Centara Life Hotel, Bangkok Phra Nakhon and Informal Mission Team get together</i>		
<b>Day 1: 4 September 2024</b>				
Hotel	08:00 – 08:45	<i>Coordination meeting over breakfast between UNESCO-IOC Secretariat and UN ESCAP representatives</i>	Aliaga Baker Gale Bailey Rahman Narongkachavana	UNESCO-IOC Secretariat, UN ESCAP reps, project consultant
Transfer	08:45 – 09:00	<i>Walk from hotel to UN Conference Centre (UNCC)</i>		Mission members
Meeting Rm F, UN Conference Centre (UNCC)	09:00 – 09:30	<i>Registration</i>		Mission Members, Observers
<b>1. Opening</b>				
Meeting Rm F, UN Conference Centre (UNCC)	09:30 – 10:00	<b>1.1 Welcome remarks</b> - UN ESCAP representative - Yuelong Miao, Vice-Chair UNESCO-IOC ICG/IOTWMS - Suci Anugrah, Chair WG3 ICG/IOTWMS Tsunami Ready Implementation - Bernardo Aliaga, Head UNESCO- IOC Tsunami Resilience Section	Gale (MC)	Mission members, UN ESCAP reps and affiliated participants
	10:00 – 10:15	<b>1.2 Review agenda and timetable</b>	Aliaga Baker	
	10:15 – 10:30	<b>1.3 Overview of 2024 IOTWMS Capacity Assessment of Tsunami Preparedness Project</b>	Bailey	
	10:30 – 11:30	<b>1.4 Results from survey data analysis</b>	Haigh Amaratunga	

Location	Time	Activity	Moderator/ Presenter	Participants
Transfer	11:30 – 13:00	<i>Light lunch on bus to National Disaster Warning Centre (NDWC) of DDPM</i>		
<b>2. Thailand Tsunami Capacity Assessment Validation Workshop</b>				
NDWC	13:00 – 13:30	<b>2.1 Tour of National Tsunami Warning Centre (NTWC) for Thailand</b>	NTWC Director	Mission members, UN ESCAP reps and affiliated participants, Tsunami National Contact (TNC) representative, DDPM staff, and stakeholders
	13:30 - 13:45	<b>2.2 Introductions</b> - DDPM Representative - Yuelong Miao, Vice-chair UNESCO-IOC ICG/IOTWMS - Bernardo Aliaga, Head UNESCO-IOC Tsunami Resilience Section - UN ESCAP Representative	DDPM rep (MC)	
	13:45 – 14:00	<b>2.3 Overview of the UNESCO-IOC Indian Ocean Tsunami Warning &amp; Mitigation System (IOTWMS) and 2024 IOTWMS Capacity Assessment of Tsunami Preparedness Project</b>	Aliaga (MC) Miao	
	14:00 – 15:00	<b>2.4 Discuss tsunami risk assessment, warning and dissemination survey responses and associated capacity development needs for Thailand</b>	Aliaga (MC) Gale, Kodijat Haigh Amaratunga Thailand Stakeholders	
	15:00 – 15:30	<i>Coffee Break</i>		
	15:30 – 16:30	<b>2.5 Discuss community tsunami awareness and preparedness survey responses and associated capacity development needs for Thailand</b>	Aliaga (MC) Gale, Kodijat Haigh Amaratunga Thailand Stakeholders	
	16:30 – 16:45	<b>2.6 Final Comments</b> - Yuelong Miao, Vice-chair UNESCO-IOC ICG/IOTWMS - DDPM Representative	Aliaga (MC)	
Transfer	17:00 – 18:30	<i>Travel by bus to hotel</i>		Mission members

Location	Time	Activity	Moderator/ Presenter	Participants
Hotel	18:30 – 21:00	<i>Mission members preparation over informal dinner for next day technical meeting</i>		
<b>Day 2: 5 September 2024</b>				
Transfer	08:30 – 08:45	<i>Walk from hotel to venue</i>		Mission members
<b>3. Capacity Assessment Recommendations and Review</b>				
Meeting Rm F, UN Conference Centre (UNCC)	08:45 – 09:00	<i>Recap and welcome observers</i>	Baker (MC) Anugrah	Mission members, UN ESCAP reps, Observers
	09:00 – 10:30 (1.5 hours)	<b>3.1 Develop Recommendations for Tsunami Risk Assessment and Reduction Capacity Development</b>	Bailey (MC) Mokhtari Manneela	
	10:30- 11:00	Coffee break		
	11:00- 12:30 (1.5 hours)	<b>3.2 Develop Recommendations for Tsunami Detection Warning &amp; Dissemination Capacity Development</b>	Bailey (MC) Padmanabham Spahn	
Cafeteria	12:30 – 13:30	<i>Lunch</i>		
Meeting Rm F, UN Conference Centre (UNCC)	13:30 – 15:00 (1.5 hours)	<b>3.3 Develop Recommendations for Tsunami Public Awareness, Preparedness and Response Capacity Development</b>	Bailey (MC) Rahayu Weniza	
	15:00 – 15:30	<i>Coffee Break</i>		
	15:30 – 17:00 (1.5 hours)	<b>3.4 Develop Recommendations for Tsunami Ready Recognition Programme Capacity Development</b>	Bailey (MC) Anugrah Kodijat	
Transfer	17:00 - 17:30	<i>Walk back from venue to hotel</i>		Mission members

Day 3: 6 September 2024				
Transfer	08:30 – 08.45	<i>Walk from hotel to venue</i>		Mission members
Meeting Rm F, UN Conference Centre	08:45 – 09:00	<i>Recap</i>	Anugrah	Mission members, UN ESCAP reps, Observers
	09:00 – 10:30 (1.5 hours)	<b>3.5 Review of narrative and overall survey data and draft recommendations against 2019-2024 ICG/IOTWMS Medium Term Strategy</b>	Bailey (MC) Miao	
	10:30 – 11:00	<i>Coffee break</i>		
	11:00 – 12:00 (1.0 hour)	<b>3.6 Review IOTWMS outcomes and plans for 2025 PTWS Capacity Assessment Tsunami Preparedness</b>	Aliaga (MC) Miao Anugrah Kong Bland Baker	
Cafeteria	12:00 – 13:00	<i>Lunch</i>		
<b>4. TSUNAMI and EW4ALL COORDINATION MEETING</b>				
Meeting Rm F, UN Conference Centre	13:00 – 13:30	<b>4.1 Welcome</b> - UN ESCAP Representative - Bernardo Aliaga, UNESCO-IOC Secretariat	Baker (MC)	UNESCO-IOC mission members, UN ESCAP reps, Observers, and EW4ALL partners (30 – 40 pax TBC)
	13:30 – 14:00	<b>4.2 UNESCO-IOC Tsunami Programme and 20<sup>th</sup> Commemoration of 2004 Indian Ocean Tsunami</b>	Baker (MC) Aliaga Rahayu	
	14:00 – 15:00	<b>4.3 Updates on EW4ALL and UN Programmes in Asia and the Pacific</b>	Baker (MC) EW4ALL Partners and UN Agencies	
	15:00 – 15:30	<i>Coffee break</i>		
	15:30 - 16:30	<b>4.4 Recommendations from 2024 IOTWMS Capacity Assessment Tsunami Preparedness and support for EW4ALL</b>	Aliaga (MC) Miao EW4ALL Partners and UN Agencies	
	16:30 – 17:00	<b>4.5 Reflections and Closing Remarks</b> - Yuelong Miao, Vice-Chair ICG/IOTWMS - Bernardo Aliaga, UNESCO-IOC Secretariat - UN ESCAP Representative	Gale (MC)	

Transfer	17:00 – 17:30	<i>Walk back to hotel</i>		Mission members
Transfer	17:30 – 19:00	<i>Bus to dinner</i>		Mission members, UN ESCAP reps
In Love Bar & Restaurant <sup>1</sup>	19:00 – 21:00	<i>End of mission dinner</i>		Mission members, UN ESCAP reps
Transfer	21:00 – 22:30	<i>Bus back to hotel</i>		Mission members, UN ESCAP reps
<b>Day 5: 7 September 2024</b>				
Suvarnabhumi Airport (BKK)	TBC	Depart Bangkok		Mission members

---

<sup>3</sup> In Love Bar & Restaurant, 2, 1 Krung Kasem Rd, Wat Sam Phraya, Phra Nakhon, Bangkok 10200