



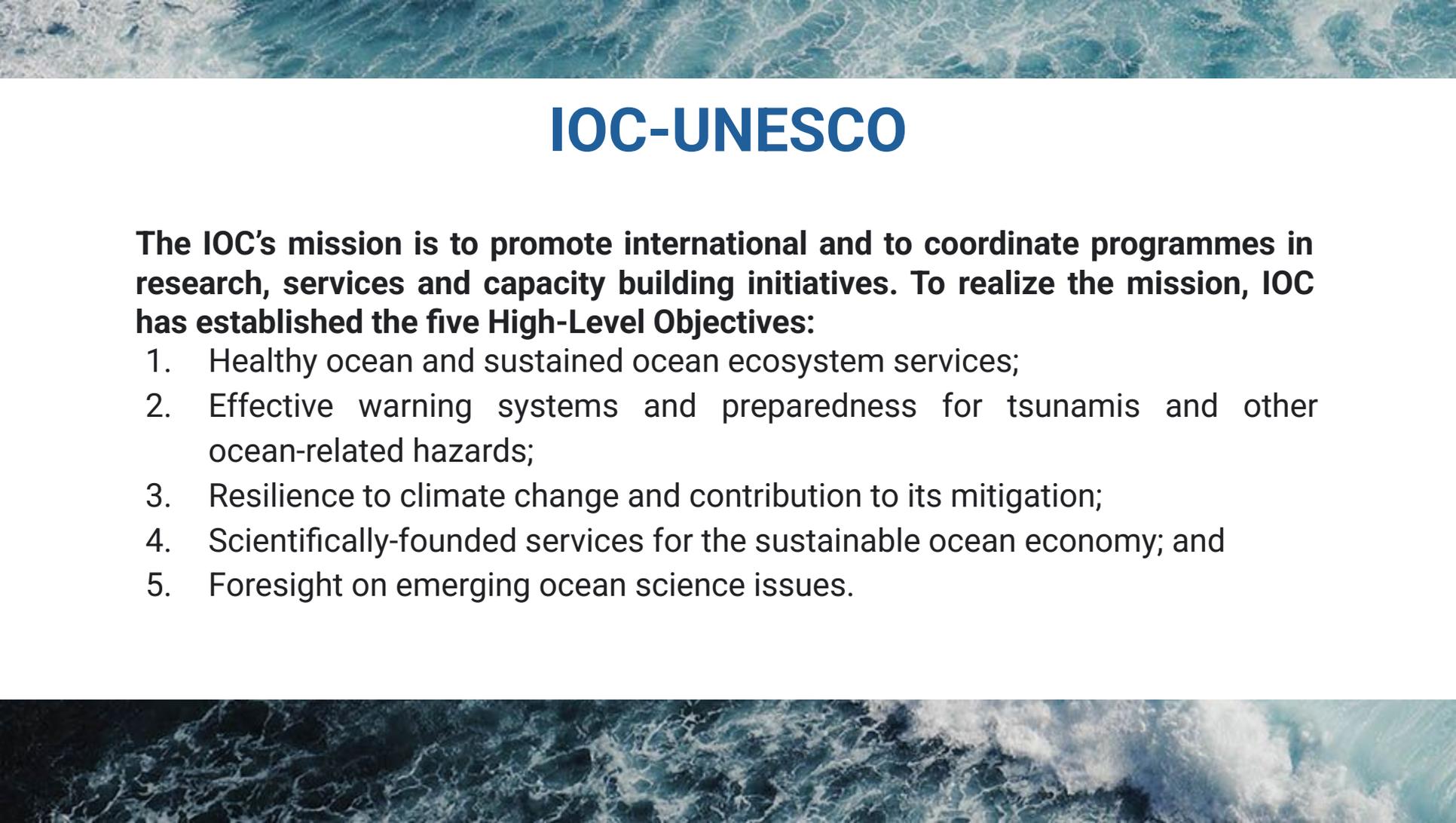
2.2. RTC/STC Indonesia Activities 2024-2025

Adityawarman
Director of STC Indonesia

SG-OTGA V, November 2025

OUTLINE

- i. RTC/STC scope and priorities
- ii. Achievements of trainings in 2024/2025 with OTGA
- iii. Training activities planned for 2026 with OTGA

The image features a background of aerial ocean waves. The top portion shows a wide, shallow expanse of water with gentle, rhythmic ripples in shades of light blue and turquoise. The bottom portion shows a more turbulent area with white-capped waves breaking, creating a darker, more textured appearance with deep blues and greys.

IOC-UNESCO

The IOC's mission is to promote international and to coordinate programmes in research, services and capacity building initiatives. To realize the mission, IOC has established the five High-Level Objectives:

1. Healthy ocean and sustained ocean ecosystem services;
2. Effective warning systems and preparedness for tsunamis and other ocean-related hazards;
3. Resilience to climate change and contribution to its mitigation;
4. Scientifically-founded services for the sustainable ocean economy; and
5. Foresight on emerging ocean science issues.

An aerial photograph of a city, likely Jakarta, with a massive tsunami wave crashing over it. The water is dark and turbulent, with white foam from the breaking waves. The city buildings are visible in the foreground and background, partially obscured by the water.

RTC/STC Scope and Priorities

To support the IOC's objectives, especially the second, BMKG, as Indonesia's STC, **focuses on strengthening preparedness for tsunamis and other ocean-related hazards**, building on its disaster-management experience and regional assistance in the Asia-Pacific.

This aligns with **BMKG's aspiration to become an international reference**, with its staff actively engaged in global Meteorology, Climatology, and Geophysics organizations and serving as a Regional Modelling Centre.

Structure of Indonesia WMO RTC

PR of Indonesia with the WMO

Director General of BMKG



RTC - Meteorology

The Agency for
Meteorology, Climatology
and Geophysics (BMKG)



RTC - Hydrology

Ministry of Public Works
and Housing (PUPR)

Education
& Training
Center

State College of
Meteorology,
Climatology and
Geophysics
(STMKG)

Bureau of Law and
Organization
General Bureau and HR
Operational Units (SME)

Directorat of
Water
Resources
Engineering
Development

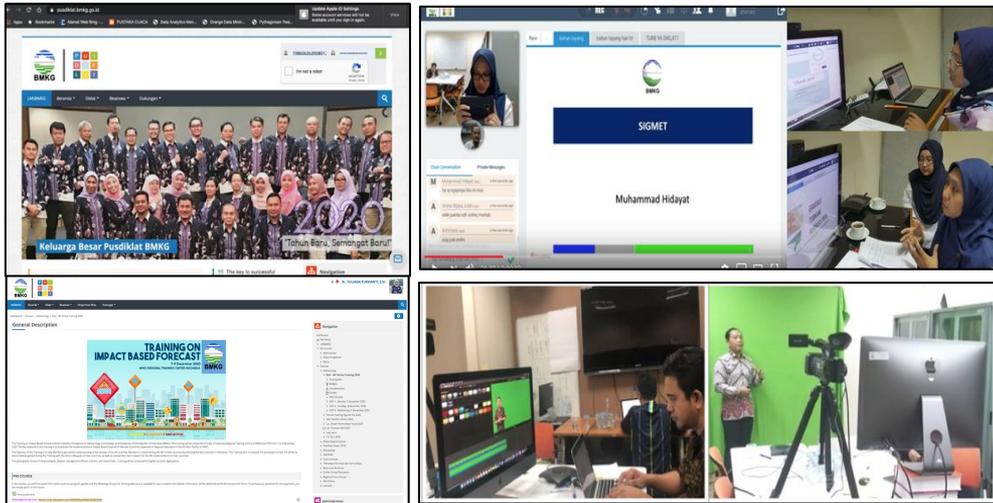
Center for Water
Resources and
Settlements
Competency
Development

Technical
Implementation
Unit for
Hydrology
and Water
Environment

Hydrological
Adviser

BMKG Ina-RTC Online Training Facilities

LMSBMKG
lms.bmkg.go.id



Asynchronous & Synchronous Sessions



Virtual Training Environment

BMKG Ina-RTC Offline Training Facilities in Citeko, Bogor, West Java



Previous Trainings

Training on Tsunami Mitigation [Online]

14 - 18 July 2025

This training aims to build a comprehensive understanding of tsunami mitigation, highlighting early warning systems and risk communication strategies.

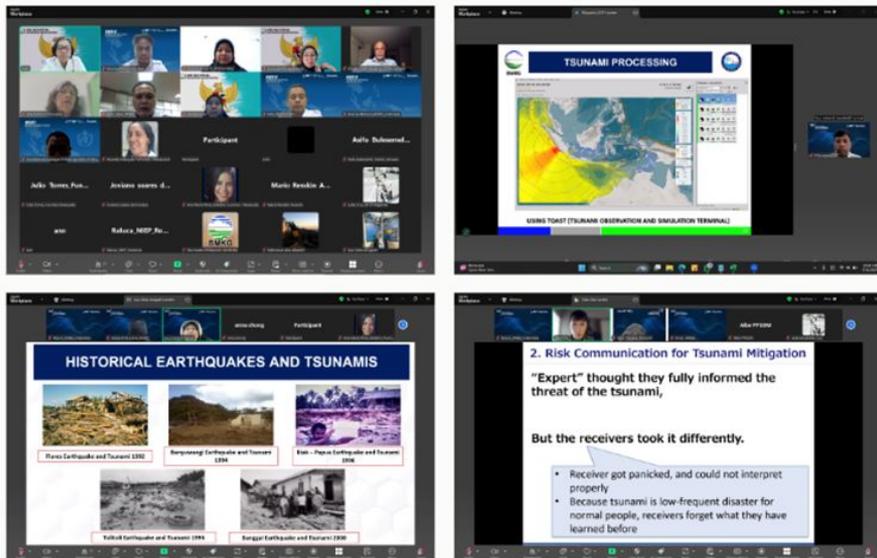
WMO Marine Service Course [Online]

28 April - 21 July 2025

This training aims to provide participants with foundational knowledge of ocean modeling, particularly in the context of marine warnings and forecasts.

Training on Tsunami Mitigation

14 - 18 July 2025



Snippets from the training

Training Material

- Introduction to Tsunami Early Warning System in Indonesia
- Tsunami Litteration and Mitigation in Japan
- Implementation of Community-based Tsunami Mitigation Capacity Development
- Earthquake and Tsunami Field School as a National Priority Program in Educating Earthquake and Tsunami Mitigation in Indonesia
- Risk Communication: Earthquake Information and Tsunami Warning Transmission



WMO Marine Services Course for Southeast Asian Member States and Territories of Regional Associations II and V – Phase I

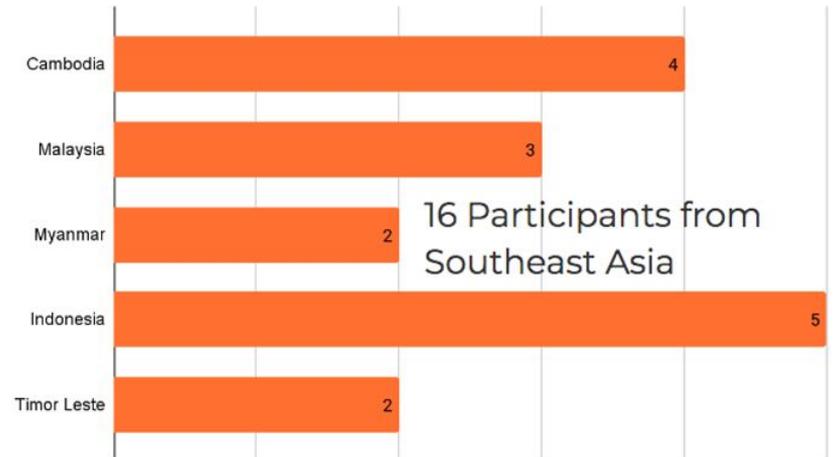
28 April - 21 July 2025



Snippets from the training

Training Material

- Assessment of Service Delivery Progress Model
- General Functions and Organization of Marine Met Services
- Assessment of Organizational Elements
- Service Design Considerations
- Dissemination Options
- Requirements for Service Elements, Users and Applications
- Defining Your Customers and Customer Needs Survey
- International Coordination and Worldwide MetOcean Information and Warning Service
- Development of Capstone Project



Upcoming Trainings

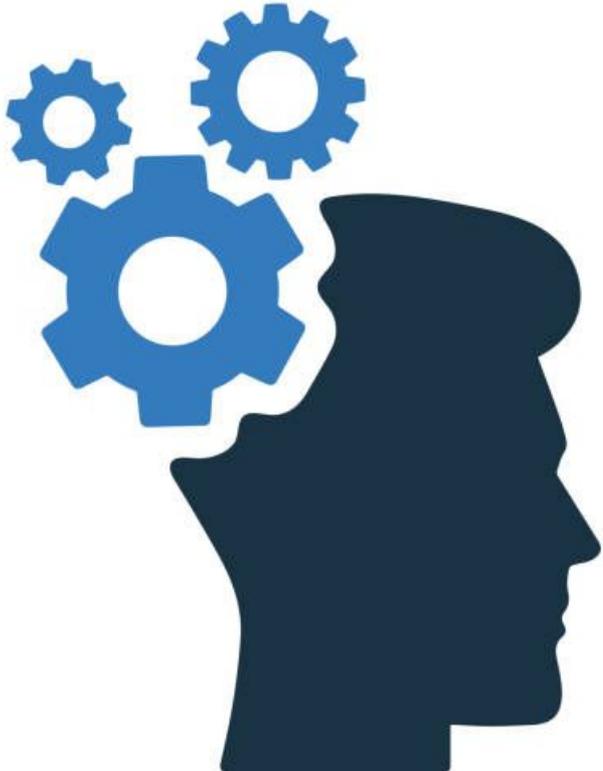
Training on Tsunami Preparedness

This training aims to enhance public preparedness, particularly in the Asia–Pacific region, for tsunami hazards.

WMO Marine Service Course

This training aims to provide participants with foundational knowledge of ocean modeling, particularly in the context of marine warnings and forecasts.

Expert



- **Adityawarman, Director of STC Indonesia**
- **Geophysicist/ Researcher**
 - Januar Arifin, Geophysic
 - Madona
 - Alfath Abu Bakar

~ Thank You ~