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Intergovernmental
Oceanographic
Commission

Report of The Indian Ocean Tsunami Information Centre

ICG/IOTWMS SG Meeting
14-15 July 2022

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IOTIC Term of Reference (2012)

IOTIC's Roles

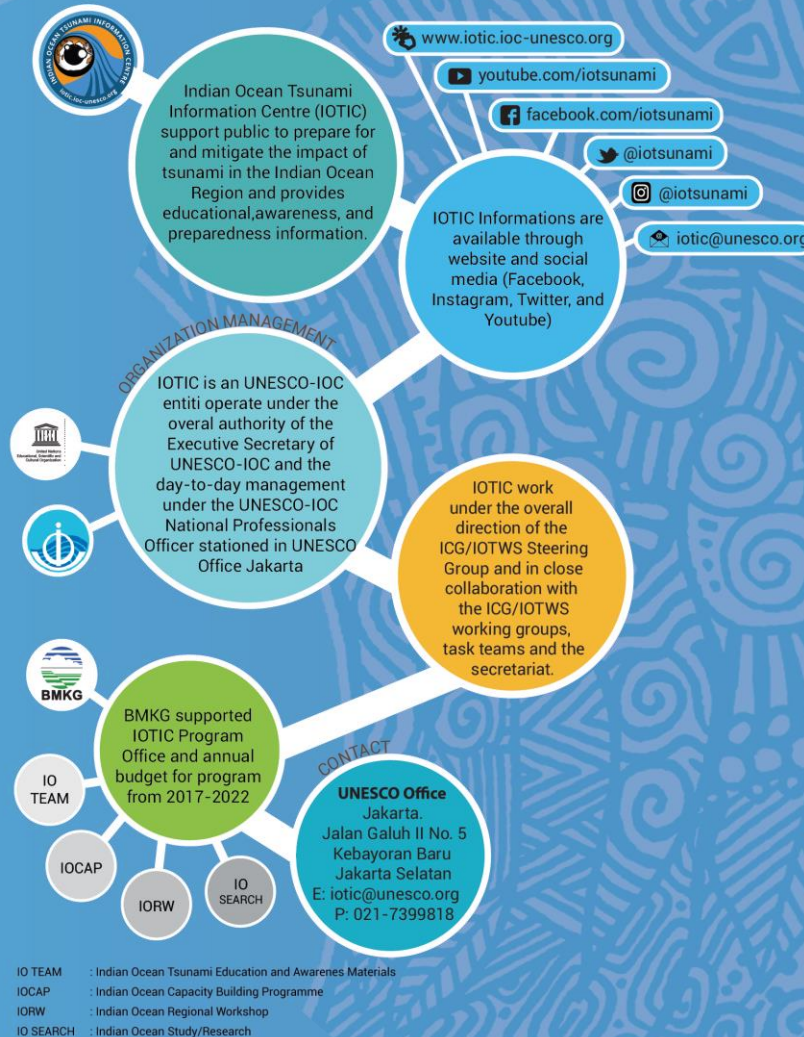
Work with the Tsunami Service Providers (TSPs), the National Tsunami Warning Centres (NTWCs), and the National Disaster Management Offices (NDMOs) in the Indian Ocean Region to promote and sensitize information on tsunami early warning system and the understanding of the warning process and products.

Supports Indian Ocean member states at national and community level to strengthen awareness and preparedness for an effective emergency response to a tsunami early warning system through i.e UNESCO IOC Tsunami Ready.

Capacity building and develop education, awareness, and preparedness materials for an effective tsunami early warning and Mitigation System.

Manage post-event performance surveys and compilation of reports in close collaboration with the ICG/IOTWS Secretariat under the overall direction of the ICG/IOTWS Steering Group, assisted by teams of experts nominated by the ICG/IOTWS Steering Group as required.

Coordinate activities, exchange materials and information with other Tsunami Information Centres (TICs) from other ocean basins.



1. Support, as needed, the operations and needs of the Indian Ocean Tsunami Warning and Mitigation System working closely with the TSPs, NTWCs and NDMOs.
2. Support ICG/IOTWMS on training programs, workshops, and seminars in coordination with the ICG/IOTWS Secretariat and the working groups.
3. Manage Post-event Performance Surveys and the International Tsunami Survey Team and the compilation of reports in close collaboration with the ICG/IOTWMS Secretariat under the overall direction of the ICG/IOTWS Steering Group.
4. Develop educational, preparedness, and other awareness materials for Indian Ocean member states required for an effective tsunami warning and mitigation system.
5. Develop, manage and maintain the IOTIC Website and strategic and long term plans for sustaining the IOTIC in consultation with the ICG/IOTWMS Steering Group.

More detailed TOR could be found at:

http://www.ioc-tsunami.org/index.php?option=com_content&view=article&id=77&Itemid=75&lang=en

IOTIC Proposes to Revise the TOR

IOTIC Achievement in a Flash (~ 2021)



- UNESCO IOC Tsunami Unit
- ICG/IOTWMS Secretariat
- ICG/IOTWMS SG / WGs / TTs
- TOWS Task Team for Tsunami Disaster Management and Preparedness
- UNESCO IOC Tsunami Information Centers (CTIC, ITIC, NEAMTIC)
- Ocean Teacher Global Academy Secretariat



- BMKG Geophysics
- BMKG InaTEWS
- BMKG Training Centre (STC OTGA)



25 Work with Indian Ocean Member States
(Active IOTWMS Member States)

- | | | | | | |
|----------------|-----------|------------|------------|--------------|----------------------|
| Australia | India | Madagascar | Mozambique | Seychelles | Tanzania |
| Bangladesh | Indonesia | Malaysia | Myanmar | Singapore | Thailand |
| Comoros | Iran | Maldives | Oman | South Africa | Timor Leste |
| French Reunion | Kenya | Mauritius | Pakistan | Sri Lanka | United Arab Emirates |
| | | | | | Yemen |



3 Work with Tsunami Service Providers

- Bureau of Meteorology (BOM), Australia
- Indian National Centre for Ocean Information Services (INCOIS), India
- Agency for Meteorology, Climatology, and Geophysics (BMKG), Indonesia

7 Projects

(2012-2020)
IFIT (1); MFIT (1); UNESCAP (4); Charles Englehart Foundation (1)



6

Support Indian Ocean Tsunami Wave Exercises (IOWave)

2009
2011
2014
2016
2018
2020

6 Past Tsunamis

Information preserved

- 1945 Makran Tsunami
- 1950 Ambon Tsunami
- Central Sulawesi Tsunamis (1938, 1968, and 2018)
- 1992 Flores Tsunami
- 1994 Banyuwangi Tsunami
- 1996 Biak Tsunami
- 2000 Banggai Tsunami (On Going)

187

Past Tsunamis Eyewitness Stories

8 IORW (Webinars)

(2017-2021) Indian Ocean Regional Workshop



3 Facilitate and support Tsunami Ready Community

2 communities in Odisha State India (Noliasahi and Venkatraipur) and 1 community in Bali, Indonesia (Tanjung Benoa) recognized at UNESCO-IOC Tsunami Ready Community

3 Tsunami Ready Communication Tools

- 1 TR Boardgame
- 21 TR E-Posters
- 14 Short Animation Videos

4 IOCAP

(2017-2021) Indian Ocean Capacity Building Training

1 IOLS

(2020) Indian Ocean Lecture Series during COVID-19

1 IOYVC

Indian Ocean Youth Video Competition

1. Summary of Achievements (on going)

1. UNESCO-IOC and BMKG Partnership Agreement “Support to IOTIC-BMKG Programme”



UNESCO-IOC and BMKG Partnership Agreement end on 30 June 2022, a new partnership agreement is in process for signing.

IOTIC prepared the IOTIC-BMKG Programme Review (2017-2021)

2017 -2022

2023 - 2027

Objectives

- Ensure sustainability of the Indian Ocean Tsunami Information Centre.
 - Support IOTIC programs and activities for the Indian Ocean Member States in coordination with the ICG/IOTMWS Secretariat.
 - Strengthen, enhance, empower BMKG's role in IOTWMS.
 - Support capacity building of BMKG staff in international platform, collaboration, and cooperation.
- Ensure the sustainability and continuation of service of the Indian Ocean Tsunami Information Centre to the Indian Ocean Member States of the ICG/IOTWMS.
 - Support IOTIC programmes and activities in coordination with UNESCO-IOC Tsunami Unit, the UNESCO-IOC ICG/IOTWMS Governance, and the UNESCO-IOC ICG/IOTMWS Secretariat.
 - Enhance BMKG's role in the Indian Ocean Tsunami Warning and Mitigation System.
 - Support capacity building of BMKG's staff assigned to IOTIC-BMKG in international cooperation.



**Indian Ocean Tsunami
Information Centre (IOTIC)**

UNESCO IOC - BMKG Programme

1. Summary of Achievements (on going)

1. UNESCO-IOC and BMKG Partnership Agreement

“Support to IOTIC-BMKG Programme”



IOC UNESCO - BMKG
INDIAN OCEAN TSUNAMI
INFORMATION CENTRE
PROGRAMME OFFICE

2017 -2022

Programme and activities

- Indian Ocean Regional Workshops (IORW)
- Indian Ocean Capacity Building (IOCAP)
- Studies and Researches (IOSEARCH)
- Tsunami Education, Awareness and Preparedness Materials (TEAMIO)
- Documenting and Communicating IOWaves and World Tsunami Awareness Day

2023 - 2027

- Indian Ocean Regional Workshops (IORW);
- Indian Ocean Capacity Building (IOCAP); and
- Indian Ocean Studies, Assessments, and Projects (IOSAP).
- Management of IOTIC website and social media at BMKG Server: for the IOTIC-BMKG programme and activities; Tsunami Education, Awareness and Preparedness resources; IOWave Tsunami Exercise; World Tsunami Awareness Day (WTAD); and other IOTIC activities and project results.

1. Summary of Achievements (on going)

1. UNESCO-IOC and BMKG Partnership Agreement

“Support to IOTIC-BMKG Programme”



IOC UNESCO · BMKG
INDIAN OCEAN TSUNAMI
INFORMATION CENTRE
PROGRAMME OFFICE

2017 -2022

Budget

- Annual BMKG budget of approximately of USD 80.000
- Annual UNESCO-IOC budget of approximately of USD 20.000 to support additional international participants

Office Logistics

- Office space and equipment and Office Supplies (paper, toner, etc.) and Utilities (electricity, water, local and international communication, internet).

Staffing

- BMKG assigned 3 staffs to support the administrative, coordination and organization of activities under BMKG Budget.

2023 - 2027

Budget

- Annual BMKG budget of approximately of USD 80.000
- Annual UNESCO-IOC budget of approximately of USD 20.000 to support additional international participants

Office Logistics

- Office space and equipment and Office Supplies (paper, toner, etc.) and Utilities (electricity, water, local and international communication, internet).

Staffing

- BMKG assigned 3 staffs to support the administrative, coordination and organization of activities under BMKG Budget.

IOTIC prepares a draft IOTIC- BMKG Workplan on Programme and Activities Under the Partnership Agreement of UNESCO-IOC and BMKG (2023 – 2027) for performance monitoring and review.

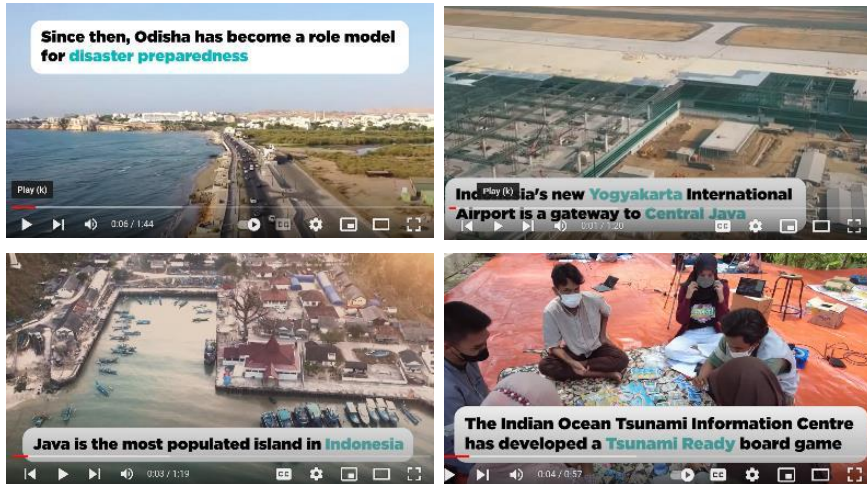
1. Summary of Achievements (2021-2022)

2. Coordinate, Organize Events and Activities in WTAD 2021

4 WTAD Videos

- Odisha Tsunami Ready Community
- New Jogjakarta Tsunami Ready Airport
- Tsunami Ready Activity in Lebak
- Tsunami Ready Boardgame

1 WTAD video on InaTEWS as Tsunami Service Provider



Organized WTAD webinar on the theme SFDRR Target F on International Cooperation: A Strategic Pathway for the Indian Ocean Tsunami Warning and Mitigation System within the Context of UN Decade for Ocean Science. Wednesday, 10 November 2021



Event website for the Indian Ocean WTAD webinar: <https://oceanexpert.org/event/3302>

Proposed initiative for WTAD 2022 will be presented in tomorrow's agenda

1. Summary of Achievements (2021-2022)

2. Coordinate, Organize Events and Activities in WTAD (2021)



A total of 79 videos were successfully submitted by participants from 9 countries:

- Bangladesh 3,
- India 5,
- Indonesia 24,
- Kenya 4
- Malaysia 12,
- Maldives 2,
- Pakistan 25,
- Seychelles 3, and
- Tanzania 2.

GROUP 1: Eastern Indian Ocean Region

- 1st Winner: Little Sea in Tompe by Sarah Adilah (Indonesia)
<https://drive.google.com/open?id=1Hi0SUE030j1vNNifBA-8qmHbXfDAOBWG>
- 2nd Winner: Living with the Sea by Vania Qanita Damayanti, Adrian Muhammad Fikri Suni & Nur Amri Firmansyah (Indonesia)
https://drive.google.com/open?id=1gGDLdL8D-g6eo_JX54lkWp47r6y3UNsg
- 3rd Winner: Atypical Tsunami and Solution by Muhyddin Aprizandy, Bobby Tegar Sanjaya & Muna Fauziah (Indonesia)
<https://drive.google.com/open?id=1Xb-m2xfbTKNOQfEOyc2PWWyUNTQjWK-2>

Group2 - Indian Ocean Small Island States

- 1st Winner: We Are Aware by Darius Ashvine Commettant, Shainarah Chandell Manisha Ragain & Ruth Abigail Nicole Henrie (Seychelles)
<https://drive.google.com/open?id=1RXKsj43e3iXIfEAGtrIISCuuQqEikRkH>
- 2nd Winner: Public Tsunami Awareness by Ahmed Yaeesh Shaheem (Maldives)
<https://drive.google.com/open?id=1e0-aJ4ztLH1aO-Te81kO1U0LPZ30c7Pf>
- 3rd Winner: Tsunami the Incoming Threat by Melchizedek Solin (Seychelles)
https://drive.google.com/open?id=1vdHHMP_CKvcZ-zEpOLsMLXRdSGm2dYwM

Group3 - North Western Indian Ocean

- 1st Winner: Surviving Tsunami by Vandita Sariya (India)
<https://drive.google.com/open?id=1rKqrguYpKtqBUfi5D7jvIDXYzIWny8Uk>
- 2nd Winner: Let's Buck Against the Wave by Aneeqa Bibi, Humera Khan & Sania Mehmood (Pakistan)
https://drive.google.com/open?id=1qttldLuNJBkXq_yrDFe1ugwJR55w1J3l
- 3rd Winner: Make Them Aware if You Care by Ayesha Nadeem (Pakistan)
<https://drive.google.com/open?id=1CZmUKsPVPBbwIDPoPlmCElv-V3F4SsiT>

Group4 - Western Indian Ocean region

- 1st Winner: Good Wave Intentions by Mahfudh Khamisi Omar (Kenya)
<https://drive.google.com/open?id=1w3YbJeHpLd4KHMclqdR2exBpxdDysXiZ>
- 2nd Winner: Tsunami Exercise by Neema Tayai Mollel (Tanzania)
<https://drive.google.com/open?id=1f0eLL-wfWvAkFNmRg9iOarvABzdb5TbP>
- 3rd Winner: Do We Communicate Hazard and Risk of Tsunami by Yasin Ramadhan (Tanzania)
https://drive.google.com/open?id=1oR17PnAm2e-dpibot9UQXgE-BeQR_Mc



INDIAN OCEAN YOUTH SHORT VIDEO COMPETITION ON TSUNAMI AWARENESS

Risk Communication For Tsunami Hazard - Webinar

Speakers:

- Dr. Harkunti Pertiwi Rahayu**
Chair of Working Group 1 of ICG/IOTWS,
Head of the Indonesian Disaster Expert Association (IARD),
Lecturer from Bandung Institute of Technology (ITB),
Focus Topic: *Public Tsunami Awareness*
- Mrs. Ghazala Naem**
Tsunami Early Warning & Mitigation Expert - Pakistan
Focus Topic: *Community Tsunami Preparedness*

Saturday, 25 September 2021
13.00 - 15.10 GMT+7



INDIAN OCEAN YOUTH SHORT VIDEO COMPETITION ON TSUNAMI AWARENESS

Developing & Creating Impactful Tsunami Awareness Video - Webinar

Speaker:

- Ms. Riani Singgih**
Documentary filmmaker and Cinematographer based in Indonesia.

Sunday, 26 September 2021
13.00 - 15.10 GMT+7



Temporary Link in Google Drive, videos will be moved to IOTIC Youtube Channel

1. Summary of Achievements (2021-2022)

3. Develop UNESCO-IOC Tsunami Ready Communication Tools

Tsunami Ready Boardgame

to introduce the 12 Tsunami Ready Indicators to the stakeholders (12 + years)

300 questions Cards

- Assessment
- Preparedness
- Response

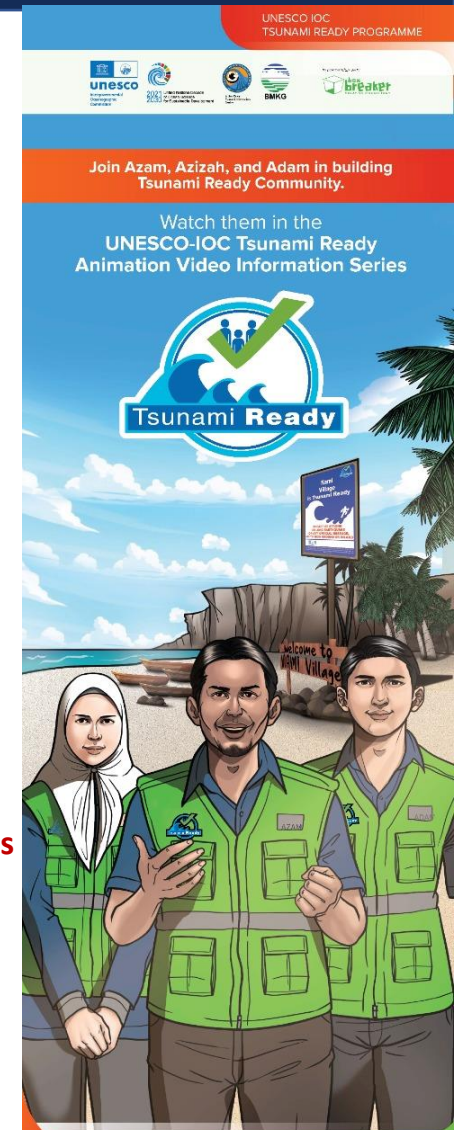


14 Animation Tsunami Ready Videos

Following the journey of Azam, Azizah, and Adam in building their Village “Nami” to be a Tsunami Ready Community based on UNESCO-IOC Tsunami Ready Indicators

- Video 1: Tsunami Ready (an introduction) **+ 7:10 mins**
- Video 2: Tsunami Hazard for Tsunami Ready Community **+ 8:02 mins**
- Video 3: Knowing people at risk of tsunami **+ 4:48 mins**
- Video 4: Resource and capacity for Tsunami Ready Community **+ 6:57 mins**
- Video 5: Public Tsunami Information in Community **+ 5:32 mins**
- Video 6: Tsunami Evacuation Map for the community **+ 5:15 mins**
- Video 7: Public Awareness and Education Resources **+ 5:07 mins**
- Video 8: Outreach Activities in Tsunami Ready Community **+ 4:39 mins**
- Video 9: Community Tsunami Exercise **+ 6:49 mins**
- Video 10: Community Tsunami Emergency Operation Plan **+ 5:28 mins**
- Video 11: Building Capacity in community for Emergency Response **+ 7:50 mins**
- Video 12: Linking the Community to the Tsunami Warning Chain **+ 4:40 mins**
- Video 13: Providing warning to the community **+ 5:27 mins**
- Video 14: Getting Tsunami Ready Recognition **+ 6:50 mins**

IOTIC YouTube Channel: <https://www.youtube.com/channel/UCFSPN4dJXOvFrMIkmlQdumQ>
Playlist: <https://www.youtube.com/playlist?list=PLDzuUvIHTE3BLFcGDGXOAwkCdTQ6VngH>



1. Summary of Achievements (2021-2022)

3. Develop UNESCO-IOC Tsunami Ready Communication Tools



UNESCO/IOC TSUNAMI READY RECOGNITION PROGRAMME

A voluntary international community-based programme

Active collaboration of the community, community leaders, warning centre, and local and national emergency management agencies

The concept of readiness through actions to meet 12 key indicators

Part of an end-to-end tsunami early warning and mitigation system with a particular focus on building resilient communities through awareness and preparedness strategies



UNESCO/IOC TSUNAMI READY RECOGNITION PROGRAMME

Bringing the ownership of preparedness to the community

Ensures structural, systematic, and sustainable approach in building community preparedness

Strengthen preparedness for other hazards

Improves community pre-planning



UNESCO/IOC TSUNAMI READY RECOGNITION PROGRAMME

CONTRIBUTES TO GLOBAL FRAMEWORKS :

SDG SFDRR UNDOS



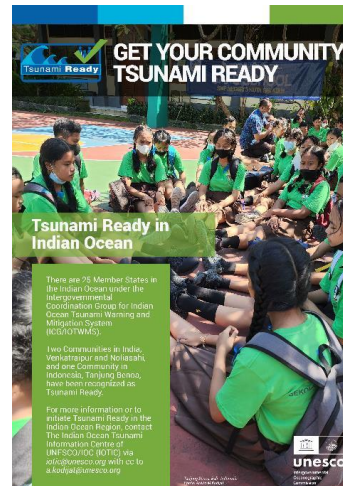
GET YOUR COMMUNITY TSUNAMI READY

Tsunami Ready in the Caribbean

The UNESCO/IOC Inter-governmental, Coordinating Group for the Eastern and Indian Ocean Tsunami Warning and Mitigation System comprises 48 Member States and Territories and several partners.

Some 12 communities in 12 countries are recognized as Tsunami Ready. More communities are implementing Tsunami Ready through collaboration by national and community authorities, the UNESCO/IOC Tsunami Information Centre, donors, regional partners and other stakeholders.

For more information or to initiate Tsunami Ready in the Caribbean, contact IOC via tsunami@unesco.org or visit www.ioc-gocean.org



GET YOUR COMMUNITY TSUNAMI READY

Tsunami Ready in Indian Ocean

There are 26 Member States in the Indian Ocean under the Inter-governmental, Coordinating Group for the Indian Ocean Tsunami Warning and Mitigation System (IOCOMTS).

Two Communities in India, Venkatarapur and Nollaparthy, and one Community in Indonesia, Tanjung Bodo, have been recognized as Tsunami Ready.

For more information or to initiate Tsunami Ready in the Indian Ocean Region, contact The Indian Ocean Tsunami Information Centre of UNESCO/IOC (IOTIC) via tsunami@unesco.org or visit www.ioc-gocean.org



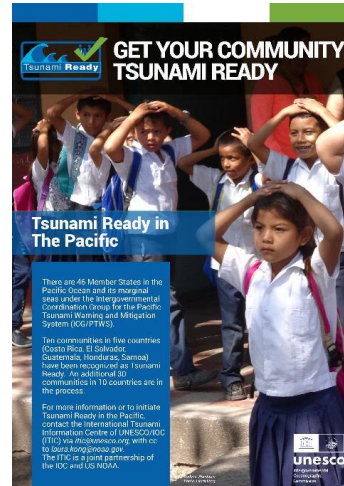
GET YOUR COMMUNITY TSUNAMI READY

Tsunami Ready in Northeast Atlantic and The Mediterranean Seas

There are 40 North-Eastern Atlantic, Mediterranean and connected Seas (NEAMTS) Member States under the Inter-governmental, Coordinating Group for the North-Eastern Atlantic, Mediterranean and connected seas, Tsunami Warning and Mitigation System (CO/NEAMTS).

Italy, Spain, France, Turkey, Malta, Cyprus, Monaco, Cape Verde and Greece are in process of implementing the UNESCO/IOC Tsunami Ready Programme.

For more information or to initiate Tsunami Ready in the NEAMTS, contact The North Eastern Atlantic, Mediterranean and connected seas Tsunami Information Centre of UNESCO/IOC (NEAMTIC) via tsunami@unesco.org or visit www.ioc-gocean.org



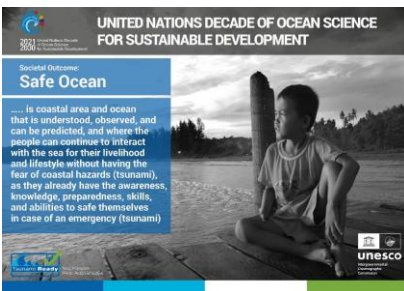
GET YOUR COMMUNITY TSUNAMI READY

Tsunami Ready in The Pacific

There are 46 Member States in the Pacific Ocean and its marginal seas under the Inter-governmental, Coordinating Group for the Pacific Tsunami Warning and Mitigation System (CO/PTWS).

Ten communities in five countries (Costa Rica, El Salvador, Guatemala, Honduras, Samoa) have been recognized as Tsunami Ready. An additional 30 communities in 10 countries are in the process.


For more information or to initiate Tsunami Ready in the Pacific, contact the International Tsunami Information Centre of UNESCO/IOC (ITIC) via tsunami@unesco.org or visit www.ioc-gocean.org



UNITED NATIONS DECADE OF OCEAN SCIENCE FOR SUSTAINABLE DEVELOPMENT

Societal Outcome: Safe Ocean

... is coastal area and ocean that is understood, observed, and can be predicted, and where the people can continue to interact with the sea for their livelihood and lifestyle without having the fear of coastal hazards (tsunami), as they already have the awareness, knowledge, preparedness, skills, and abilities to safe themselves in case of an emergency (tsunami)



UNITED NATIONS DECADE OF OCEAN SCIENCE FOR SUSTAINABLE DEVELOPMENT

Societal Outcome: Safe Ocean

... with the aim of making 100% of communities at risk of tsunami prepared for and resilient to tsunamis by 2030 through the implementation of the UNESCO/IOC Tsunami Ready Programme



GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators

1 | ASSESSMENT 1
Tsunami hazard zones are mapped and designated



GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators

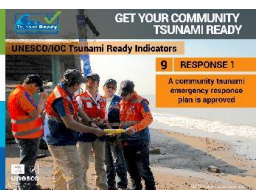
4 | PREPAREDNESS 1
Easily understood tsunami evacuation maps are approved



GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators

8 | PREPAREDNESS 5
A community tsunami exercise is conducted at least every two years



GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators

9 | RESPONSE 1
A community tsunami emergency response plan is approved



GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators

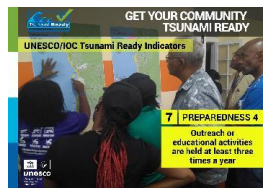
2 | ASSESSMENT 2
The number of people at risk in the tsunami hazard zone is estimated



GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators

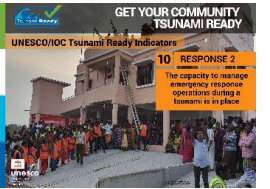
5 | PREPAREDNESS 2
Tsunami information including signage is publicly displayed



GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators

7 | PREPAREDNESS 4
Outreach and public awareness activities are held at least three times a year



GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators

10 | RESPONSE 2
The capacity to manage emergency response operations during a tsunami is in place



GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators

3 | ASSESSMENT 3
Economic, infrastructural, political, and social resources are identified



GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators

6 | PREPAREDNESS 3
Outreach and public awareness and education resources are available and distributed



GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators

11 | RESPONSE 3
Redundant and reliable means to timely receive 24-hour official tsunami alerts are in place



GET YOUR COMMUNITY TSUNAMI READY

UNESCO/IOC Tsunami Ready Indicators

12 | RESPONSE 4
Redundant and reliable means to timely disseminate 24-hour official tsunami alerts to the public are in place

21 E-Posters Tsunami Ready

1. Summary of Achievements (2021-2022)

4. Engagement in 2022 Global Platform for Disaster Risk Reduction in Bali

1. Interaction, Promotion, and Engaging with GPDRR participants on UNESCO-IOC Tsunami Ready Recognition Programme.
2. Launching of the Tsunami Ready Communication Tools (Tsunami Ready Boardgame and 14 Tsunami Ready Series Animation Videos).
3. Inauguration of Tanjung Bena Community as UNESCO-IOC Recognized Tsunami Ready Community
4. Tsunami Ready Boardgame playing session
5. Consultation on Implementing Tsunami Ready Recognition Programme



1. Summary of Achievements (2021-2022)

4. Engagement in 2022 Global Platform for Disaster Risk Reduction in Bali

1. What is UNESCO/IOC Tsunami Ready
2. Tsunami Ready under UN Ocean Decade
3. Tsunami Ready in the Caribbean region,
4. Tsunami Ready in the Indian Ocean region,
5. Tsunami Ready in the NEAMS region,
6. Tsunami Ready in the Pacific region,
7. UNESCO/IOC Tsunami Ready
8. Tsunami Ready Implementations

e-Poster

VR Tools

- a) 14 Tsunami Ready Animation Video Series
- b) UNESCO/IOC Tsunami Ready Viewer
- c) Tsunami Ready Boardgames

Consultation on Implementing Tsunami
Ready Recognition Programme



Ms. Amina J. Mohammed, UN Deputy Secretary-General and **Ms. Mami Mizutori**, Special Representative of the Secretary-General for DRR and Head of UN Office for Disaster Risk Reduction (UNDRR)

1. Summary of Achievements (on going)

5. Development of OTGA TR Training Course

3 Course breakdown

	Introduction to Tsunami Ready and the Indicators	Implementing Tsunami Ready	Facilitating Tsunami Ready
Tsunami Ready for Officials and Programme Implementors	4 x lectures 4 x 45 minutes		
Tsunami Ready for Community	4 x lectures 4 x 45 minutes	2 x lectures 2 x 45 minutes	
Tsunami Ready for Facilitators	4 x lectures 4 x 45 minutes	2 x lectures 2 x 45 minutes	4 x lectures 4 x 60 minutes

3 Types of modules

Course 1
Introduction to Tsunami Ready & the Indicators

- What is Tsunami Ready
- Why is it important
- What is the benefit of implementing TR
- What are the indicators
- Why are these indicators

Course 2
Implementing Tsunami Ready

- What do community do to start to implement TR
- Who are the stakeholder and the technical organization
- How to approach the organizations

Course 3
Facilitating Tsunami Ready

- What does each of these indicator means and the relation of each indicators
- How to work on each of the Indicators

Module 1
Tsunami Ready for Officials and Programme Implementors (1 Course)

The training is targeted for Government Officials (i.e. from National or Local Disaster Management Offices, National Tsunami Warning Centres, Gov Institutions) and Programme / Project planner and implementor (Donors, Funding agencies), etc.

Module 2
Tsunami Ready for Community (2 Courses)

The training is targeted for Community leaders, Non-Governmental Organizations (NGOs), Civil Society Organizations (CSOs), Academics and Scientists, Community members, Private, Business, etc.

Module 3
Tsunami Ready for Facilitators (3 Courses)

The training is targeted for Disaster Risk Reduction Facilitators for Disaster risk reduction workers and volunteers who are interested in assisting the community in capacity building for tsunami preparedness, etc.

1. Summary of Achievements (on going)

6. Implementation of Project from Donor



Jointly with the ICG/IOTWMS Secretariat implement the UNESCAP Project
(Proposal development, Implementation, Project administrative, and Reporting

2019 - 2021

UNESCAP Project, Phase-1:
Strengthening tsunami early warning in the North West Indian Ocean region through regional cooperation

Objective 1: Better understanding of the risk knowledge based on scientific research

Objective 2: Improvement of warning services at NTWC level and the organization of the national warning chains to assure timely warnings and rapid response with due emphasis on self-protection for near source events

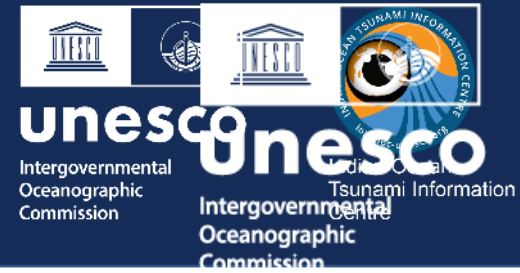
2022

UNESCAP Project, Phase-2:
Strengthening tsunami early warning in the North West Indian Ocean region through regional cooperation

Objective 3: Finalization of Phase-1 remaining activities in tsunami risk knowledge and strengthening of national tsunami warning chains.

Objective 4: Gap analysis and development of guidance on tsunami inundation mapping and evacuation planning in the NWIO region

2. Summary of Summary of Challenges and Gaps



1. Working mechanism and procedure within IOTWMS for IOTIC program and activities, i.e. engagement with TNC, NTWC, and DMO, WG, TT, etc.
2. Role of IOTIC in:
 1. UNESCO-IOC Tsunami Ready Recognition Programme
 2. UN Ocean Decade Tsunami Program in Indian Ocean
 3. Capacity building, workshops/webinars, and training,
 4. Project implementation and coordination
3. Participation of MS in IOTIC programme and activities and the follow up and sustainability post implementation.
4. Engagement and involvement of MS' Youth and Young Professionals → Re-generation of TWMS champions in MS.
5. Resources (funding and man-power) for IOTICs to provide information, facilitate, and process MS' UNESCO IOC Tsunami Ready Recognition Programme (i.e. implementation, verification process).
6. Communication and information, management, maintenance, and update and sustaining the IOTIC website and social Media.
7. Sustainability of IOTIC → Re-generation staff

3. Moving Forward

1. Strengthen IOTIC's role and working mechanism in IOTWMS:
 1. Revise IOTIC's Term of Reference
 2. Re-new / extend the Partnership Agreement between UNESCO-IOC and the Government of Indonesia (through BMKG) to continue to support the IOTIC- BMKG Program for another 5 years (2023 – 2027).
 3. Develop a 5 years workplan / program of IOTIC- BMKG Program to align with the strategic pathway and UN Decade, especially on tsunami ready.
 4. Clear role, working mechanism, and ensure visibility of IOTIC in IOTWMS programme and activities.
 5. Ensure IOTIC's role and visibility in activities and engagements within the IOTWMS strategic pathway and implementation plan within the context of the UN Ocean Decade Tsunami Program in Indian Ocean.

2. IOTIC's role and responsibility in the UNESCO-IOC Tsunami Ready Implementation in Indian Ocean:
 1. Advocate, facilitate, and support the implementation of UNESCO-IOC Tsunami Ready Recognition Programme of the MS through capacity building activity (workshops and training) and resources (materials and tools).
 2. Support UNESCO-IOC in coordination, management, registration, verify, record, and monitor the development of tsunami ready community in MS and its recognition.
 3. Seek additional support from Donors and Member States to support the implementation of UNESCO-IOC Tsunami Ready Recognition Programme in Indian Ocean.

3. Recommendation to the ICG



1. To note the extension / renewal of the Partnership Agreement between UNESCO-IOC and the Government of Indonesia (through BMKG) to continue to support the IOTIC- BMKG Program for 2023 – 2027 and endorse the 5 years workplan under the IOTIC-BMKG Programme.
2. To endorse the renewed IOTIC Term of Reference.
3. To note the role of IOTIC to facilitate, guide, and support MS in the implementation of UNESCO-IOC Tsunami Ready Recognition Programme

Thank you



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IOTIC-BMKG Programme Office***

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