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**Intergovernmental  
Oceanographic  
Commission**

# Report of The Indian Ocean Tsunami Information Centre

ICG/IOTWMS 13th Meeting  
28 November – 3 December 2022

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# IOTIC Term of Reference

## IOTIC's Roles

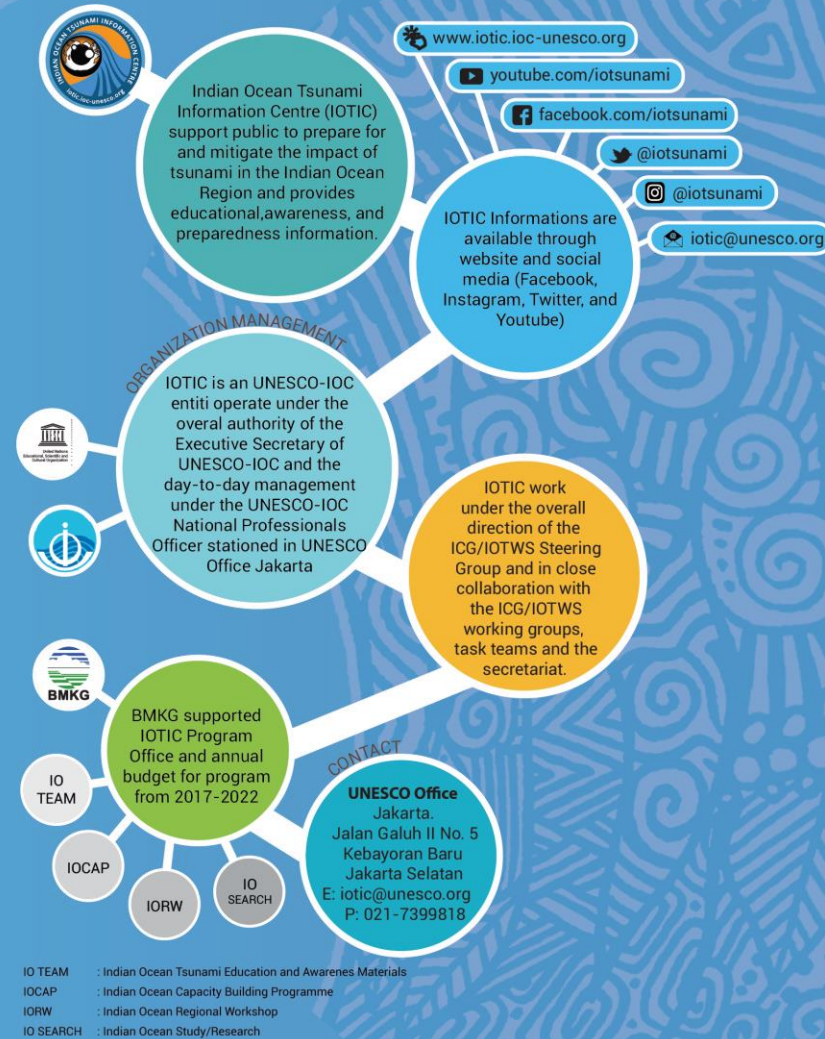
Work with the Tsunami Service Providers (TSPs), the National Tsunami Warning Centres (NTWCs), and the National Disaster Management Offices (NDMOs) in the Indian Ocean Region to promote and sensitize information on tsunami early warning system and the understanding of the warning process and products.

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.



# IOTIC 2017 – 2022

## In Summary



- 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

**25**

Working with Indian Ocean Member States  
(Active National Tsunami Warning Centres)

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

**8 Projects**  
(FIT (1); MFIT (1); UNDRR (1);  
UNESCAP (4);  
Charles Englehart Foundation (1))



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

**3**

Working 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



**9 IORW (Webinars)**

Indian Ocean Regional Workshop

**5 IOCAP**

Indian Ocean Capacity Building Training (IOTIC Online Lecture Series)



**6**

Support Indian Ocean Tsunami Wave Exercises (IOWave)

2009  
2011  
2014  
2016  
2018  
2020

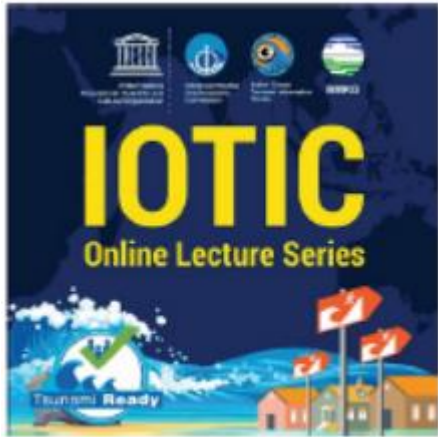


iowave.org



# IOTIC 2017 – 2022

## In Summary



**9**

### Support Tsunami Ready Implementation

- 2 Communities in India Recognized
- 4 Communities in Indonesia Recognized
- 3 Communities verified to be Recognized

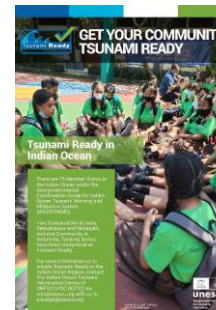
**6** Online Lecture Series  
2.172 Engaged  
44 Countries



**14** Tsunami Ready Animation Video



**1** Tsunami Ready Boardgame



**30** Posters Tsunami Ready



## 7 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

**319** Eyewitness Stories Documented



93 Youth Engaged  
9 Countries  
79 Videos  
12 Winners



**6** WTAD Videos

# IOTIC 2017 – 2022 In Summary



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](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](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](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](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 Naëem**  
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

# IOTIC 2017 – 2022

## Summary



GLOBAL PLATFORM FOR  
DISASTER RISK REDUCTION



INDONESIA  
23-28 MAY 2022

**1. Interaction, Promotion, and Engaging with GPDRR participants on IOC-UNESCO Tsunami Ready Recognition Programme.**

**2. Consultation on Implementing Tsunami Ready Recognition Programme.**



# IOTIC 2017 – 2022 In Summary



GLOBAL PLATFORM FOR  
DISASTER RISK REDUCTION



INDONESIA  
23-28 MAY 2022

**Launching of the Tsunami Ready Communication Tools (Tsunami Ready Boardgame and 14 Tsunami Ready Series Animation Videos).**

**Tsunami Ready Boardgame playing session**

**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)



# IOTIC 2017 – 2022

## Summary



GLOBAL PLATFORM FOR  
DISASTER RISK REDUCTION



INDONESIA  
23-28 MAY 2022

## Inauguration of Tanjung Bena Community as IOC-UNESCO Recognized Tsunami Ready Community





# IOTIC 2017 – 2022 In Summary



OceanTeacher Global Academy

**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.

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<br>4 x 45 minutes                   |                                |                                |
| Tsunami Ready for Community                            | 4 x lectures<br>4 x 45 minutes                   | 2 x lectures<br>2 x 45 minutes |                                |
| Tsunami Ready for Facilitators                         | 4 x lectures<br>4 x 45 minutes                   | 2 x lectures<br>2 x 45 minutes | 4 x lectures<br>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

# IOTIC 2017 – 2022

## Summary



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*

# IOC-UNESCO and BMKG Partnership Agreement

## “Support to IOTIC-BMKG Programme”



Indian Ocean  
Tsunami Information  
Centre

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

### 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 IOC-UNESCO Tsunami Unit, the IOC-UNESCO ICG/IOTWMS Governance, and the IOC-UNESCO 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

# IOC-UNESCO 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.

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

# IOTIC Term of Reference

## 2012

### Goal of IOTIC

The goal of IOTIC is to provide support for the countries of the Indian Ocean region in disaster risk reduction focusing on tsunamis through the preparation and dissemination of awareness and preparedness materials and the development of educational programmes.

## 2022

### Goal of IOTIC

The overall goal of IOTIC is to support **the IOC-UNESCO ICG/IOTWMS Member States in tsunami risk reduction for Indian Ocean at-risk communities through capacity building in tsunami hazard, awareness, preparedness, education, and mitigation measures.**

# IOTIC Term of Reference

## 2012

### Objectives

- Provide support for countries in tsunami disaster risk reduction;
- Help strengthen national and community preparedness against tsunami disasters;
- Provide a key source of tsunami Disaster Risk Reduction information in the Indian Ocean region

## 2022

### Objectives

- Strengthening the Indian Ocean (national and regional) tsunami disaster risk reduction and emergency response capacity for an effective tsunami early warning system,
- Supporting preparedness against tsunamis of at-risk communities, especially through the implementation of IOC-UNESCO Tsunami Ready Recognition Programme (TRRP).
- Providing resources in tsunami risk reduction, educational, awareness, and preparedness for the Indian Ocean region.

# IOTIC Term of Reference

## 2012

1. Work closely and in coordination with the ICG/IOTWS, its Steering Group, Working Groups, Task Teams and Secretariat to:
  - a. Maintain close familiarity with the operations and needs of the Indian Ocean Tsunami Warning and Mitigation System and work closely with the TSPs, NTWCs and NDMOs to assist, as needed, with the socialization and promotion of tsunami warning information.
  - b. Support the ICG/IOTWS Working Groups to conduct training programmes, workshops, and seminars as needed in consultation with the ICG/IOTWS Secretariat
  - c. 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.

## 2022

1. Help reduce the overall tsunami risk across the Indian Ocean by working closely and in coordination with the IOC-UNESCO ICG/IOTWMS, its Steering Group, Working Groups, Task Teams, IOC-UNESCO ICG/IOTWMS Secretariat, and the TOWS-WG Task Team on Disaster Management & Preparedness (TT DMP) to:
  - a. Contribute to the development of global guidelines in tsunami risk reduction and their implementation in the Indian Ocean.
  - b. Maintain close familiarity of the operations and needs of the Indian Ocean Tsunami Warning and Mitigation System and work closely with the Tsunami Service Providers (TSPs), National Tsunami Warning Centres (NTWCs), and Disaster Management Organisations (DMOs) to assist, as needed, with the socialization, promotion, and capacity building required for an effective tsunami emergency response.
  - c. In coordination with the IOC-UNESCO ICG/IOTWMS Secretariat and as needed, support the ICG/IOTWMS and its Working Groups and Task Teams to conduct training programmes, workshops, and seminars.
  - d. In collaboration with the IOC-UNESCO ICG/IOTWMS Secretariat develop project proposals and assist with project implementation in support of the ICG/IOTWMS programmes and activities in the Indian Ocean Region.
  - e. Manage tsunami post-event performance surveys and compilation of reports in close collaboration with the IOC-UNESCO ICG/IOTWMS Secretariat under the overall direction of the ICG/IOTWMS Steering Group, assisted by the International Tsunami Information Center (ITIC), IOC-UNESCO Tsunami Unit, and teams of experts nominated by the UNESCO-IOC ICG/IOTWMS Steering Group as required.



# IOTIC Term of Reference

## 2012

2. Serve as an information resource for the availability of educational, preparedness, and other awareness materials required for an effective tsunami warning and mitigation system. Activities may include:
  - a. Develop educational, preparedness, and other awareness materials that may be used by countries around the Indian Ocean and potentially other ocean basins.
  - b. Assist as requested in the development and distribution of materials in the local language and context in partnership with national and local authorities and civil society organizations;
  - c. Assist as requested in the implementation of national and community level awareness programmes for the effective delivery of awareness information in partnership with national authorities and community stakeholders;
  - d. Encourage and assist as requested in the development of national social awareness materials for events and institutions, such as museums, memorial events, sign boards and other tsunami event memorials or materials, informative roadside signage or exhibits which remember the damaging aspects of past tsunamis;
  - e. ~~Encourage the posting of hazard, evacuation, or other interpretative signage to increase public awareness for effective and timely tsunami warning response.~~
  - f. Coordinate activities, exchange materials and information with other Tsunami Information Centres (TICs) from other ocean basins.

## 2022

2. Help Member States of the IOC-UNESCO ICG/IOTWMS reduce their tsunami risk by:
  - a. **Serving as the focal point under the guidance of the IOC-UNESCO ICG/IOTWMS to guide, facilitate, and process the implementation of the UNESCO/IOC Tsunami Ready Recognition Programme (TRRP) in the Indian Ocean.**
  - b. **Assisting national stakeholders in the overall improvement of tsunami preparedness and effective tsunami emergency response through tsunami risk assessment, warning guidance and emergency response, education and awareness, tsunami mitigation, and the implementation of national initiatives to reach certification against the IOC-UNESCO Tsunami Ready indicators.**
  - c. Serving as an information resource providing for the development, publication, and distribution of resource materials on tsunami hazard, awareness, preparedness, and education for the Indian Ocean.
  - d. Serving as a technical resource and help foster research and its application to strengthen technical and institutional aspects of tsunami preparedness and tsunami emergency response to prevent loss of life and minimize damage to property.

# IOTIC Term of Reference

## 2012

3. Develop, manage and maintain the IOTIC Website as a platform for sharing information on the IOTWS, tsunami education, awareness and preparedness in consultation with the ICG/IOTWS Steering Group and ICG/IOTWS Secretariat.
4. ~~Develop strategic and long-term plans for sustaining the IOTIC in consultation with the ICG/IOTWS Steering Group for endorsement by the ICG/IOTWS.~~

## 2022

3. Coordinate activities and exchange materials, resources, and information with other Tsunami Information Centres (TICs) of the other ocean basins (Caribbean Tsunami Information Centre (CTIC), International Information Centre (ITIC), and North-East Atlantic and Mediterranean Seas Tsunami Information Centre (NEAMTIC)) to ensure global consistency and potential use of derived products across all regions.
4. Share information on programmes, activities, and events, as well as information on tsunami education, awareness, and preparedness resources by managing and maintaining the IOTIC Website and social media channels as platforms for information exchange.

# IOTIC Term of Reference

## 2012

### Governance

The IOTIC is an IOC UNESCO entity operate under the overall authority of the Executive Secretary of IOC UNESCO. The day-to-day management is under the IOC UNESCO National Programme Officer stationed at UNESCO Jakarta in close coordination with the ICG/IOTWS Secretariat. The IOTIC reports to each session of the ICG/IOTWS and to the inter-sessional meetings of the ICG/IOTWS Steering Group, and its activities and work plans are guided by and coordinated with the needs and requirements of the ICG/IOTWS.

## 2022

### Governance

The IOTIC is a IOC-UNESCO entity operating under the overall authority of the Executive Secretary of IOC-UNESCO. The day-to-day management is performed by the IOC-UNESCO National Programme Officer stationed in Jakarta under the supervision of the Director of the UNESCO Office Jakarta and the Head of the IOC-UNESCO Tsunami Unit in Paris. The operational and implementation of programmes and activities of IOTIC is in close coordination with the IOC-UNESCO ICG/IOTWMS Secretariat in Perth. The IOTIC reports to each session of the IOC-UNESCO ICG/IOTWMS and to the inter-sessional meetings of the IOC-UNESCO ICG/IOTWMS Steering Group. IOTIC's activities and work plans are guided by and coordinated with the overall needs and requirements of the IOC-UNESCO ICG/IOTWMS, its Working Groups and Task Teams.

# Challenges

1. Working mechanism and procedure within IOTWMS for IOTIC program and activities, i.e. engagement with TNC, NTWC, and DMO, WG, TT, etc.
2. Participation of MS in IOTIC programme and activities, the follow ups, and sustainability post implementation.
3. Engagement and involvement of MS' Youth and Young Professionals → Re-generation of IOTWMS champions in MS.
4. Resources to guide, facilitate, and assist the process of MS' in the implementation of IOC-UNESCO Tsunami Ready Recognition Programme.
5. Communication and information, management, maintenance, and update and sustaining the IOTIC website and social Media.
6. Sustainability of IOTIC → Re-generation staff

# 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 IOC-UNESCO 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 IOC-UNESCO Tsunami Ready Implementation in Indian Ocean:
  1. Advocate, facilitate, and support the implementation of IOC-UNESCO Tsunami Ready Recognition Programme of the MS through capacity building activity (workshops and training) and resources (materials and tools).
  2. Support IOC-UNESCO 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 IOC-UNESCO Tsunami Ready Recognition Programme in Indian Ocean.

# 3. Recommendation to the ICG/IOTWMS



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

# Thank you



**Ardito M. KODIJAT**  
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***IOC-UNESCO Indian Ocean Tsunami Information Centre  
IOTIC-BMKG Programme Office***

***Disaster Risk Reduction and Tsunami Information Unit  
UNESCO Jakarta Office***

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