



CONCEPT NOTE

SEYCHELLES TSUNAMI READY TRAINING AND PRESERVING 2004 IOT TSUNAMI STORIES

21 – 25 November 2023,
Victoria, Mahe - Seychelles

BACKGROUND

- A. The UNESCO/IOC Tsunami Ready Recognition Programme (TRRP) is an international community-based recognition programme aimed at building resilient communities through awareness and readiness strategies that will protect lives, livelihoods, and property from tsunamis. The Programme is a key activity for achieving the Safe Ocean objective of the United Nations Decade of Ocean Science for Sustainable Development 2021-2030. Under the auspices of the UN Ocean Decade Tsunami Programme, the TRRP aims to help ensure that 100% of communities at risk of tsunami are prepared for and resilient to tsunamis by 2030. Readiness is achieved through a collaborative effort among government agencies, scientists, community leaders and the public, who work together to meet an established set of 12 indicators covering Assessment, Preparedness, and Response. The UNESCO-IOC TRRP is actioned through Member State National Tsunami Ready Programmes.

At the 13th Meeting Session of the UNESCO-IOC ICG/IOTWMS in Bali - Indonesia, November 2022, The UNESCO-IOC Indian Ocean Tsunami Information Center (IOTIC) has been tasked to support preparedness against tsunamis of at-risk communities, by serving as the focal point under the guidance of the IOC-UNESCO Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWMS) to guide, facilitate, support, and process the implementation of the UNESCO-IOC TRRP in the Indian Ocean. It is also tasked to assist national stakeholders in the overall improvement of tsunami preparedness and effective tsunami emergency response through provision of guidance on tsunami risk assessment, warning and emergency response, education and awareness, tsunami mitigation, and the implementation of national initiatives to reach certification against the UNESCO-IOC Tsunami Ready indicators.

At the same meeting, a new working group on Tsunami Ready Implementation (Working Group 3) was established with the Terms-of-Reference to: 1) Monitor and evaluate the implementation of the UNESCO-IOC TRRP, national tsunami warning chains, and related activities to deliver tsunami resilient and prepared communities around the Indian Ocean; 2) Provide guidance on how to nationally initiate UNESCO-IOC TRRP and similar national initiatives; 3) Facilitate sharing of experiences between Member State Tsunami Ready Focal Points (TRFPs); 4) Update Member States on UNESCO-IOC TRRP developments and other related initiatives; 5) In collaboration with UNESCO-IOC IOTIC and UNESCO-IOC Secretariat for ICG/IOTWMS, identify capacity development and resource needs of Member States to implement UNESCO-IOC TRRP, national tsunami warning chains, and related activities; and 6) Assist with training programmes for Member States implemented by UNESCO-IOC IOTIC and coordinated by UNESCO-IOC ICG/IOTWMS Secretariat to facilitate enhanced national tsunami warning chains and help at-risk communities becoming resilient and prepared for tsunamis.

Under the Partnership Agreement between UNESCO-IOC and the Government of the Republic of Indonesia, the IOTIC and the Indonesian Agency for Meteorology, Climatology and Geophysics (BMKG) implemented the IOTIC programme dedicated in supporting the Indian Ocean Member States in training to encourage and develop the capacity for Member States to implement the UNESCO-IOC TRRP. Accordingly, the UNESCO-IOC IOTIC, BMKG, ICG/IOTWMS WG 3, the

ICG/IOTWMS Secretariat, in collaboration with Disaster Risk Management Division of the Government of Seychelles plan to hold National Tsunami Ready Training Workshop in Seychelles from on 21st – 25th of November 2023.

- B. The preserving past tsunami information for future preparedness activity aims to collecting and documenting reports and eyewitness accounts of the 2004 tsunami, and ensuring the information is available for the 20th commemoration of the 2004 Indian Ocean Tsunami in 2024. This activity is part of UNESCO-IOC Indian Ocean Tsunami Information Centre (IOTIC) programme in cooperation with the Indonesian Meteorology, Climatology and Geophysics Agency (BMKG). Under this IOTIC-BMKG programme 356 Stories of 8 past tsunamis eyewitnesses and survivors' story and information have been documented (1945 Makran Tsunami; 1950 Ambon Tsunami; Central Sulawesi Tsunamis (1938, 1968, and 2018); 1992 Flores Tsunami; 1994 Banyuwangi Tsunami; 1995 Dili Tsunami; 1996 Biak Tsunami, and 2000 Banggai Tsunami).

The IOTIC of UNESCO-IOC and BMKG in collaboration with Disaster Risk Management Division of the Government of Seychelles will document the eyewitnesses and survivors' story of this 2004 Indian Ocean Tsunami in Seychelles.

OBJECTIVES

The specific objectives of the workshop are:

1. Introduce and promote UNESCO-IOC Tsunami Ready Recognition Programme (TRRP) and related initiatives in Seychelles.
2. To initiate the implementation of UNESCO-IOC Tsunami Ready Recognition Programme (TRRP) in Seychelles.
3. To document (video recording) the story of the Eyewitnesses and Survivors 2004 Indian Ocean Tsunami in Seychelles

OVERALL FORMAT AND SCHEDULE

The National Tsunami Ready Training (NTRT) will be conducted in person for a duration of three days on Wednesday 22 – Friday 24 November 2023.

Preliminary activities will be done by the Disaster Risk Management Division of the Government of Seychelles to identify the eyewitness and survivors. These eyewitness stories will be documented (video recording and interview) based on interview and survey format developed by UNESCO-IOC. The documentation process will take place on 24-25 November 2023.

ORGANISERS

The organization of this national workshop is undertaken by the IOC-UNESCO Indian Ocean Tsunami Information Center (IOTIC) and the Disaster Risk Management Division (DRMD) of the Government of Seychelles with the support of the Indonesian Meteorology, Climate, and Geophysics (BMKG) and the IOC-UNESCO Secretariat of the Intergovernmental Coordination Group for Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWMS).

PARTICIPANTS

This includes, but not limited to, members from national and local agencies (e.g., National Tsunami Warning Centre (NTWC), National Disaster Management Organisation (NDMO), Provincial/Local DMOs), local communities, Non-Government Organizations (NGOs), universities, and research organizations in Seychelles.

EVENT WEBSITE

For further information on the workshop and registration, please refer to the event website: [Here](#)

Organizer and Resource Persons

ICG/IOTWMS Secretariat

- Mr. Rick Bailey (r.bailey@unesco.org)
- Ms. Nora Gale (n.gale@unesco.org)

Indian Ocean Tsunami Information Centre (IOTIC)

- Mr. Ardito M Kodijat (a.kodijat@unesco.org)
- Ms. Litanya Octovrilna (vrilna@yahoo.com)
- Mr. Admiral Musa Julius (admiralmusajulius@gmail.com)
- Mr. Alfath Akbar (alfath.takalar@gmail.com)

The Indonesian Meteorology, Climatology, and Geophysics (BMKG)

- Ms. Suci Dewi Anugrah (suci.dewi.sda@gmail.com)
- Ms. Septa Angraeni (anggrainisepta1@gmail.com)

Disaster Risk Management Division (DRMD) Seychelles

- Robert Ernesta(DRMD) Robert. (Ernesta@drmd.gov.sc)
- Ms. Veronique Philoe (Veronique.Philoe@drmd.gov.sc)
- Ms. Maria Sirame (DRMD) (Maria.Sirame@drmd.gov.sc)
- Ms. Vanessa Zialor (DRMD) (Vanessa.Zilar@drmd.gov.sc)
- Mr. Ralph Agrippine (DFA) (ragrippine@mfa.gov.sc)



SEYCHELLES TSUNAMI READY TRAINING PROGRAMME

21 – 25 November 2023,
Victoria, Mahe - Seychelles

| Sunday 19 November | Monday 20 November | Tuesday 21 November | Wednesday 22 November | Thursday 23 November | Friday 24 November | Saturday 25 November | Sunday 26 November |
|--|--|---|---|---|--|---|--|
| Departure of IOTIC-BMKG Resource Persons to Seychelles (Evening) | Arrival of IOTIC-BMKG Resource Persons In Seychelles (morning) Coordination and Preparation for National Training | Training Day 1 09:00 – 16:30 National Tsunami Ready Training for Seychelles | Training Day 2 09:00 – 17:00 National Tsunami Ready Training for Seychelles | Training Day 3 09:00 – 16:30 National Tsunami Ready Training for Seychelles | Training Day 4 09:00 – 16:30 Visit Community and Motorcade of the World Tsunami Awareness Day Celebration Interview Eyewitnesses and Survivors of 2004 Indian Ocean Tsunami | Interview Eyewitnesses and Survivors of 2004 Indian Ocean Tsunami | Departure of IOTIC-BMKG Resource Persons From Seychelles |



PROVISIONAL AGENDA
NATIONAL TSUNAMI READY TRAINING FOR
SEYCHELLES
 Seychelles Trading Company Conference Room
 Wednesday – Friday, 22-24 November 2023,
 Victoria, Mahe – Seychelles

| Local Time | Agenda Item | Notes |
|--|---|--|
| Training Day-1: <i>Tuesday, 21 November 2023</i> | | |
| 08:30 - 09:00 30' | Registration | |
| 09:00 – 09:30 30' | 1. Opening session Welcome remarks. <ul style="list-style-type: none"> • UNESCO Regional Office for Eastern Africa <i>Director and Representative a.i. Mr. Alexandros Makarigakis, Ph.D, (tbc)</i> • UNESCO-IOC ICG/IOTWMS <i>Chair of ICG-IOTWMS and Head of BMKG: Prof. Dwikorita Karnawati</i> • Government of Seychelles <i>Minister for Local Government and Community Affairs, Minister Rose Marie Hoareau (tbc)</i> Photo Group | Remarks Moderated by (IOTIC) Ardito M Kodijat |
| 09:30 – 10:00 30' | 2. Introduction of Participants <i>Moderator: Mr. Ardito M Kodijat</i> | Interactive activity |
| 10:00 – 10:30 30' | Coffee Break | |
| 10:30 – 11:15 45' | 3. Tsunami Hazard in Seychelles <ul style="list-style-type: none"> • Tsunami Hazard and Risk in Seychelles • Seychelles Tsunami Early Warning System • Seychelles Tsunami Preparedness and Emergency Response <i>DRMD Seychelles: Ms. Veronique Philoe (tbc)</i> | Presentation |
| 11:15 – 12:00 45' | 4. Introduction to UNESCO IOC Tsunami Ready Recognition Programme (TRRP) <ul style="list-style-type: none"> • Un Decade for Ocean Science • TRRP Background and Framework • Tsunami Ready Indicators • Tsunami Ready Tools <i>UNESCO-IOC IOTIC: Mr. Ardito M Kodijat</i> | Presentation |
| 12:00 – 13:00 60' | Lunch | |

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|----------------------|--|-------------------------------------|
| 13:00 – 13:30 30' | 5. Lessons Learnt from Tsunami Ready Recognition Programme Implementation in Indonesia (30') Examples of communities who have received Tsunami Ready Recognition <i>ICG/IOTWMS WG-3: Ms. Suci Dewi Anugrah</i> | Presentation |
| 13:30 – 14:30 60' | 6. How Prepared are Your Community? (60') Representative of the Seychelles local areas/ island/ community to share their tsunami preparedness. Moderator: <i>IOTIC-BMKG Team Ardito M Kodijat</i> | Interactive Session and Discussions |
| 14:30 – 15:15 45' | 7.1. Tsunami Ready Indicators: Assessment Indicators What is it, how to achieve, and examples. <ul style="list-style-type: none"> • 7.1.a Assessment 1: Tsunami Hazard Map (15') <i>IOTIC-BMKG: Mr. Musa Admiral</i> • 7.1.b Assessment 2: People at risk (12') <i>IOTIC-BMKG: Ms. Litanya Octonovrilna</i> • 7.1.c Assessment 3: Resource and Capacity (15') <i>IOTIC-BMKG: Mr. Alfath Abu Bakar</i> | Presentation |
| 15:15 – 15:30 25' | Coffee Break | |
| 15:30 – 16:00 30' | 7.2. Tsunami Ready Indicators: Assessment Indicators (30') Challenges and Solutions Moderator: <i>Mr. Ardito M Kodijat</i> | Interactive Session |
| 16:00 | End of day 1 | |

| Training Day-2: <i>Wednesday, 22 November 2023</i> | | |
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| 08:30 - 09:00 30' | Registration | |
| 09:00 - 09:30 30' | 7.3. Summary of Tsunami Ready Assessment Indicators IOTIC-BMKG Team (30') Quiz on Assessment Indicator, | Discussion |
| 09:30 - 10:40 40' | 8.1 Tsunami Ready Indicators: Preparedness Indicators What is it, how to achieve, and examples. <ul style="list-style-type: none"> • 8.1.a Preparedness 1: Evacuation Map - Guidelines, Map Standards (20') <i>IOTIC-BMKG: Mr. Alfath Abu Bakar</i> • 8.1.b Preparedness 2: Public Information and signages (20') <i>IOTIC-BMKG: Ms. Litanya Octonovrilna</i> | Presentation |
| 10:40 – 11:00 20 | Coffee Break | |
| 11:00 - 12:00 60' | 8.1 Tsunami Ready Indicators: Preparedness Indicators <ul style="list-style-type: none"> • 8.1.c Preparedness 3: Public Awareness and Education Resources (20') <i>IOTIC-BMKG: Mr. Musa Admiral</i> | Presentation |

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| | <ul style="list-style-type: none"> • 8.1.d Preparedness 4: Outreach and public activities (15') <i>IOTIC-BMKG: Mr. Musa Admiral</i> • 8.1.e Preparedness 5: Exercises – Components (15') <i>BMKG: Mrs. Septa Anggraini</i> | |
| 12:00 – 13:00 60' | Lunch Break | |
| 13:00 – 13:30 30' | 8.2. Tsunami Ready Indicators: Preparedness Indicators Challenges and Solutions <i>Moderator: Mr. Ardito M Kodijat</i> | Discussions |
| 13:30 – 14:45 75' | 9.1. Tsunami Ready Indicators: Response Indicators What is it, how to achieve, and examples. <ul style="list-style-type: none"> • 9.1.a Response 1: Tsunami Emergency Response Operation Procedures (25') <i>IOTIC-BMKG: Mr. Ardito M Kodijat</i> • 9.1.b Response 2: Tsunami Emergency Response Capacity (20') <i>IOTIC-BMKG: Mr. Musa Admiral</i> • 9.1.c Response 3: Tsunami Early Warning System (Receiving Capacity) (15') <i>IOTIC-BMKG: Mr. Alfath Abu Bakar</i> • 9.1.d Response 4: Tsunami Early Warning System (Dissemination) (15') <i>IOTIC-BMKG: Mr. Alfath Abu Bakar</i> | Presentation |
| 14:45 – 14:15 30' | 9.2. Tsunami Ready Indicators: Response Indicators Challenges and Solutions <i>Moderator: Mr. Ardito M Kodijat</i> | Interactive Session |
| 14:15 – 14:45 30' | 10.1 The National Tsunami Ready Board <ul style="list-style-type: none"> • Roles and Function of NTRB • Example of NTRB in Indian Ocean <i>ICG/IOTWMS WG-3: Ms. Suci Dewi Anugrah</i> | Presentation |
| 14:45 – 15:30 45' | 10.2 The National Tsunami Ready Board Discussion on adopting the NTRB function to Existing Tsunami Coordination Mechanism in Seychelles <i>Moderators:</i> <i>DRMD Seychelles: Ms. Veronique Philoe</i> <i>IOTIC-BMKG Mr. Ardito M Kodijat</i> | Discussion |
| 15:30 – 16:00 30' | Coffee Break | |
| 16:00 – 17:00 60' | 11. Tsunami Ready Boardgame Playing Session <i>IOTIC-BMKG Team</i> | Interactive Session |
| 17:00 | End of Training | |

| Training Day-3: <i>Thursday, 24 November 2023</i> | | |
|---|--|---|
| 08:30 - 09:00 30' | Registration | |
| 09:00 - 10:00 60' | 08.3 Summary of Tsunami Ready Preparedness Indicators 09.3. Summary of Tsunami Ready Response Indicators Quiz on Preparedness and Response Indicator, <i>IOTIC-BMKG Team</i> | Discussion |
| 10:00 – 10:30 30 | Coffee Break | |
| 10:30 – 11:00 30' | 12. How a community becomes Recognized as Tsunami Ready Workflow and application process <i>UNESCO-IOC IOTIC: Mr. Ardito M Kodijat</i> | Presentation |
| 11:00 – 12:00 60' | 13.1. Tsunami Ready Implementation Plan in Seychelles <ul style="list-style-type: none"> • Definition of Tsunami Ready Community in Seychelles • Identification of Potential Tsunami Ready Communities in Seychelles <i>Moderator:</i> <i>DRMD Seychelles: Ms. Veronique Philoe</i> <i>IOTIC-BMKG Mr. Ardito M Kodijat</i> | Interactive Session |
| 12:00 – 13:00 60' | Lunch Break | |
| 13:00 – 14:30 90' | 13.2. Tsunami Ready Implementation Plan in Seychelles <ul style="list-style-type: none"> • Programme Support Matrix (Indicator, Activities, Actors, Schedule). • Next Steps and Actions (plans, challenges, and needs) <i>Moderator:</i> <i>DRMD Seychelles: Ms. Veronique Philoe</i> <i>ICG/IOTWMS WG-3: Ms. Suci Desi Anugrah</i> <i>IOTIC-BMKG Mr. Ardito M Kodijat</i> | Interactive Session |
| 14:30 – 15:00 30' | 13.3. Tsunami Ready Implementation Plan in Seychelles Conclusion and Recommendation <i>Moderator:</i> <i>DRMD Seychelles: Ms. Veronique Philoe</i> <i>ICG/IOTWMS WG-3: Ms. Suci Desi Anugrah</i> | Presesntation |
| 15:00 – 15:30 30' | Coffee Break | |
| 15:30 – 16:00 30' | 14. Closing Session Closing remarks <ul style="list-style-type: none"> – UNESCO-IOC <i>ICG-IOTWMS Secretariat: Mr. Rick Bailey</i> – DRMD Seychelles <i>Director General Disaster Risk Management Division, Mr. Robert Ernesta</i> | Closing to be held on this day as the local participants from the different island will be returning to their hometowns |
| 16:00 | End of Training | |

| Preserving Past Tsunami IOT 2004 Day-1: <i>Friday, 25 November 2023</i> | | |
|--|---|------------------|
| 08:30 – 09:00 30' | Registration | |
| 09:00 – 12:00 180' | 1. Commemoration of the World Tsunami Awareness Day <i>Motorcade, visit community area impacted by 2004 IOT UNDRR and DRDM Seychelles</i> | Site Visit |
| 12:00 – 13:00 60' | Lunch Break | |
| 13:00 – 16:00 180' | 2. Documentation of 2004 Indian Ocean Tsunami Eyewitness Stories <i>DRMD Seychelles and IOTIC BMKG Team</i> • 3-5 Eyewitnesses | Field Activities |
| 16:00 | End of Preserving Past Tsunami IOT 2004 Day-1 | |

| Preserving Past Tsunami IOT 2004 Day-2: <i>Friday, 25 November 2023</i> | | |
|--|---|------------|
| 08:30 - 09:00 30' | Registration | |
| 09:00 - 14:00 300' | 3. Documentation of 2004 Indian Ocean Tsunami Eyewitness Stories <i>DRMD Seychelles and IOTIC BMKG Team</i> • 3-5 Eyewitnesses | Site Visit |
| 14:00 – 15:00 60' | Lunch Break | |
| 16:00 | End of Preserving Past Tsunami IOT 2004 Day-2 | |