







UNESCO IOC - BMKG Programme

UNESCO IOC - Indian Ocean Tsunami Information Centre (IOTIC)
UNESCO Office Jakarta
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Indonesia

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UNESCO-IOC and BMKG Partnership Agreement on the Support to Indian Ocean Tsunami Information Centre (IOTIC) 2017 -2022

Background

The Indian Ocean Tsunami Information Centre (IOTIC) was endorsed by the Indian Ocean member states at the 10th Session of the Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWMS) held in Muscat, Oman, 24-26th March 2015. The development of IOTIC builds on the Jakarta Tsunami Information Centre (JTIC), a project of UNESCO-IOC, supported by the Canadian International Development Agency (CIDA) and hosted at UNESCO Office Jakarta. The IOTIC is an UNESCO-IOC entity that operates under the overall authority of the Executive Secretary of UNESCO-IOC, and with day-to-day management oversight by the IOC-UNESCO National Programme Officer stationed in UNESCO Office Jakarta.

UNESCO-IOC signed a five-year partnership agreement with the Government of Indonesia, through the Agency for Meteorology, Climatology, and Geophysics of Indonesia (BMKG) for setting up the IOTIC-BMKG Programme Office (2017-2022). The overarching objective of this partnership is to support and develop IOTIC program and activities in order to strengthen national capacity and the Indian Ocean Tsunami Early Warning and Mitigation System.



Objectives

- Ensure sustainability of the Indian Ocean Tsunami Information Centre.
- ✓ Support IOTIC programs and activities for Indian Ocean Member States in coordination with the ICG/IOTMWS Secretariat.
- ✓ Enhance BMKG's role in IOTWMS.
- ✓ Support capacity building of BMKG's InaTEWS staff in international cooperation.

Expected outcome

- ✓ Increased programs and activities of IOTIC to support the Indian Ocean Member States.
- Active involvement of BMKG's InaTEWS staff in IOTWMS activities and programs.
- ✓ Strengthened capacity of IOTIC and BMKG's Staff.

The IOTIC-BMKG programme

- 1. Indian Ocean Regional Workshops (IORW)
- 2. Indian Ocean Capacity Building (IOCAP)
- 3. Preserving Past Tsunami Information for Future Preparedness
- 4. Documentation and communication of IOTIC and IOWave Tsunami Exercise
- 5. Tsunami Education, Awareness and Preparedness

The IOTIC-BMKG Staff

- 1. Ardito M Kodijat, UNESCO-IOC UNESCO Office Jakarta (2017-Now)
- 2. Aprilia Puspita Cahyaningrum, BMKG (2017-2018)
- 3. Litanya Octonovrilna, BMKG (2017-Now)
- 4. Admiral Musa Julius, BMKG (2017- Now)
- 5. Kian Purna Sinki, BMKG (2019-2020)
- 6. Alfath Abu Bakar, BMKG (2021-Now)

Indian Ocean Regional Workshop (IORW)

Objectives

- ✓ Facilitate UNESCO-IOC, ICG/IOTWMS, and/or IOTIC program and activities to the Indian Ocean Member States.
- ✓ Exchange information and experiences among the Indian Ocean Member States.
- ✓ Review IOTIC, ICG/IOTWMS and/or the Indian Ocean Member States tsunami related activities.
- ✓ Identify and recommend appropriate actions and improvements of programs and activities implemented by IOTIC, ICG/IOTWMS and/or the Indian Ocean Member States.

Expected outcome

- ✓ Increased understanding of the Indian Ocean Member States of UNESCO-IOC, ICG/IOTWMS, and/or IOTIC programs and activities.
- ✓ Updated information from the Indian Ocean Member States on the implementation of UNESCO-IOC, ICG/IOTWMS, and/or IOTIC programs and activities.
- Recommendation for programs, activities improvements and/or actions for ICG/ IOTWMS Working Groups, Task Teams, and IOTIC.

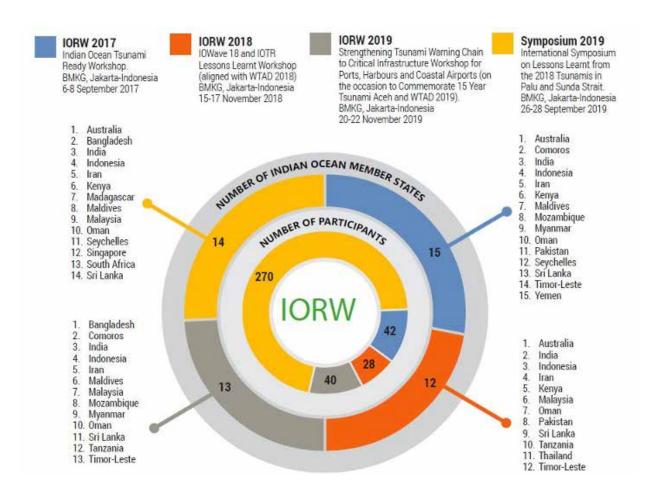
Activities:

In collaboration and with the support of the ICG/IOTWMS secretariat, IOTIC-BMKG jointly organized series of workshop and webinars:

- A. Between 2017- 2019, IOTIC-BMKG organized three Indian Ocean Regional Workshop and one Symposium
- B. Due to COVID-19 in 2020 2021 the Indian Ocean Regional Workshop shifted to virtual webinar/workshop. IOTIC-BMKG organized three Regional webinar in 2020 and one regional webinar in 2021

A. Indian Ocean Regional Workshop (2017-2019)

Approximately 380 participants from 20 Indian Ocean Member States benefited from these regional workshops. 270 persons attended the International Symposium on Lessons Learnt from the 2018 Tsunamis in Palu and Sunda Strait. In addition to the Indian Ocean Member States, there were participants from 12 other countries attending the symposium.

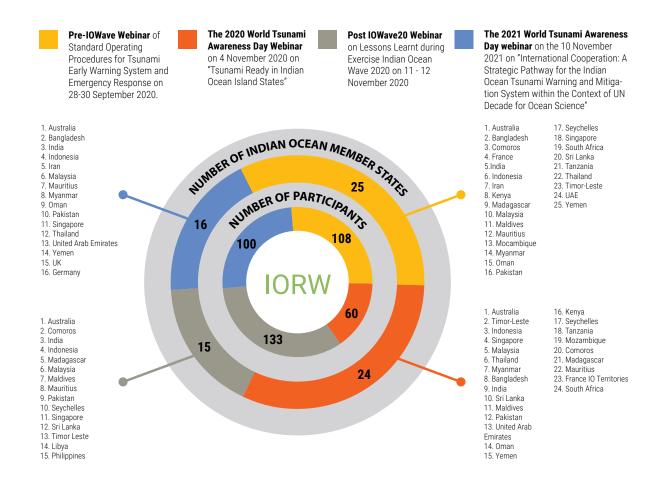


Highlights:

- O The Indian Ocean Tsunami Ready guideline developed
- Recommendations and actions developed to improve the implementation of IOWave exercises including Policy, Preparation, Exercise Scenario and Planning, Observer and Exchange Programme for IOWave20.
- Initial engagement of several National Warning Centres and operators of the ports, harbours, and coastal airports. Recommendations developed for tsunami early warning SOP in critical infrastructures.
- O Developed recommendations and strategies for enhancements of end-to-end tsunami early warning system based on scientific findings of Palu and Sunda Strait Tsunamis.

B. Indian Ocean Regional Webinars (2020-2021)

Approximately 446 participants from 24 Indian Ocean Member States benefited from these regional Webinars. Around168 persons joined the webinar related to the IOWave exercise webinars and 278 attended the World Tsunami Awareness Day webinars. In addition to the Indian Ocean Member States, there were participants from other countries also attending the World Tsunami Awareness Day Webinars.

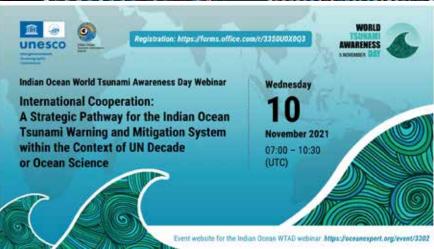


Highlights

- Recommendations and plan to implement IOWave during the Pandemic (COVID-19).
- Lessons of Indian Ocean member states on the implementation of the IOWave exercise during the Pandemic (COVID-19).
- Update and report on end-to-end National Tsunami Warning Chain and National Tsunami Early Warning (NTWC) and Emergency Response (DMO) SOPs.
- O Identification of interest and the challenges in implementing Tsunami Ready indicators in the Indian Ocean Island States.
- Recommendations on elements in terms of implementation of strategic pathways and outcomes.
- Recommendations to achieve more timely warnings with reduced uncertainties delivered to atrisk communities that are 100% Tsunami Ready.







Indian Ocean Capacity Building Programme (IOCAP)

Objectives

✓ Assist, enhance, develop, and/or empower the Indian Ocean Member States stakeholders (individuals and organizations) to implement programs and activities of UNESCO-IOC, ICG/IOTWMS, and/or IOTIC.

Expected outcome:

✓ Strengthened capacity of individuals and organizations of the Indian Ocean Member States to implement programs and activities of UNESCO-IOC, ICG/IOTWMS, and/or IOTIC

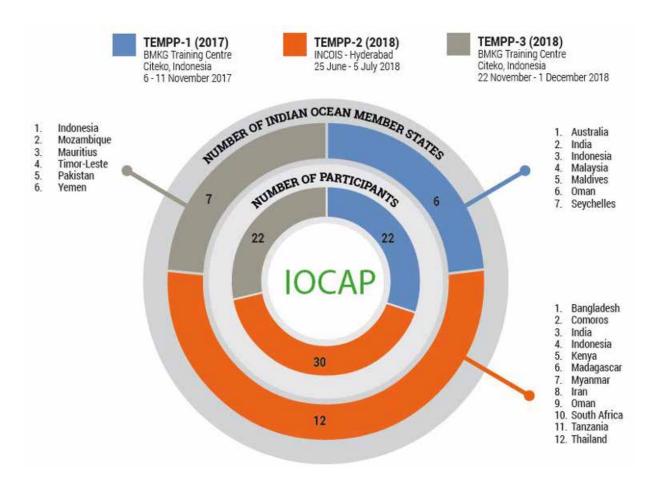
Activities:

In collaboration and with the support of ICG/IOTWMS secretariat, IOTIC-BMKG jointly organized series of capacity building activities:

- A. Between 2017-2019, IOTIC-BMKG organized two regional trainings on Tsunami Evacuation Maps, Plans, and Procedures (TEMPP) for the Indian Ocean Member States (TEMPP 1 and TEMPP 3) and supported the TEMPP 2 organized by INCOIS in Hyderabad.
- B. Due to COVID-19 in 2020 2021 the Indian Ocean Capacity Building Program was shifted into IOTIC Online Lecture Series.

A. Indian Ocean Capacity Building

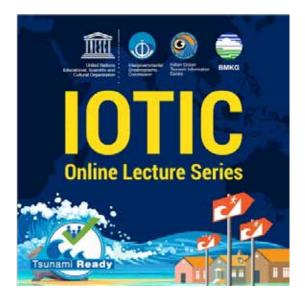
Approximately 74 participants from 20 Indian Ocean Member States have been trained on TEMPP through these training sessions.



Highlights:

- O The training introduced and built capacities of the member states on:
 - √ Tsunami Inundation Modelling
 - ✓ Inundation Mapping for Evacuation
 - ✓ Evacuation Map, Route, and Signage
 - ✓ Community Tsunami Response Plans & SOPs
 - ✓ Public Tsunami Evacuation Information
- Based on ICG/IOTWMS recommendation for IOCAP to focus on In-country capacity building and support member states implementing / piloting the UNESCO-IOC Tsunami Ready programme and recognition, IOTIC-BMKG supported the INCOIS National Workshop on UNESCO IOC Tsunami Ready in 2019.

B. IOTIC Online Lecture Series (2020)



During the COVID-19 Six IOTIC Online Lecture Series was delivered using the Zoom Webinar platform with a live stream in IOTIC Facebook Every Friday between 4 September - 9 October 2020. Approximately a total of 2.171 participants from 44 countries in 6 IOTIC online lecture series. Out of that total 1.861 are from 20 Indian Ocean countries.

With the support of:

- O Chair of WG-1
- O ICG/IOTWMS Secretariat
- O Indian Ocean Experts and Resource Persons
- O UNESCO Office Jakarta Team
- O IOTIC-BMKG Staffs

Objectives

- O Introduced UNESCO-IOC tsunami ready program and recognition in Indian Ocean
- O Introduce 12 indicators of UNESCO-IOC Tsunami Ready
- O Motivate and encourage Indian Ocean member states to pilot and implement UNESCO-IOC Tsunami Ready





Episode 1:

Getting Community Tsunami Ready and Tsunami Ready Community in India

Friday, 4 September 2020 at 02:00 - 03:15 (Jakarta) GMT+7

https://www.facebook.com/638787276156090/videos/2752690768322708



Topic 1: Getting Community Tsunami Ready Mr Bernardo Aliaga IOC UNESCO Tsunami Unit



Tsunami Ready Community in India Dr Srinivasa K. Tummala Director of Indian National

CentreFor Ocean Information

Services, India

Topic 2:



Moderator:
Prof Shabaz Khan
Director of UNESCO
Regional Science Bureau
for Asia and the Pacific

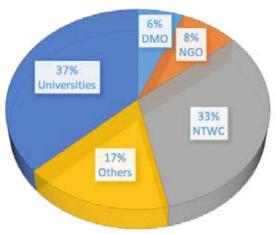
337 Participants

136



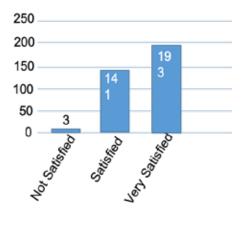
201

Participant's Organization





Satisfactory



Question & Answer (Q&A)					
20					
28					

https://www.instagram.com/iotsunami/

Episode 2:

Tsunami Hazard and Tsunami Risk Reduction

Friday, 11 September 2020 at 02:00 - 03:15 (Jakarta) GMT+7

https://www.facebook.com/638787276156090/videos/327121388610133



Topic 1: Tsunami Hazard Map, what is it for the community?

Mrs Sunanda Manneda

Indian National Centre for Ocean Information on Services, India



Topic 2: Knowing how exposed a community to tsunami hazard

Dr Harkunti P Rahayu

Chair of WG-1 Indian Ocean Tsunami Warning and Mitigation System



Moderator:

Mr Ardito M Kodijat Head of Indian Ocean Tsunami Indonesian Centre of UNESCO Indonesia

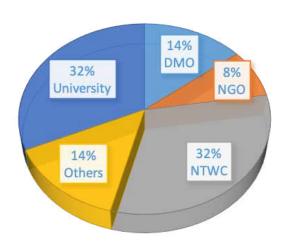
365 Participants

147

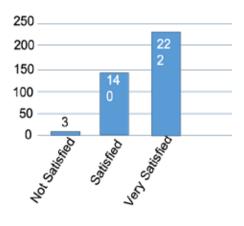


218

Participant's Organization



Satisfactory



Question & Answer (Q&A)

Topic 1 26
Topic 2 21

https://www.instagram.com/iotsunami/

Episode 3:

Tsunami Information Display and Tsunami Evacuation Plan

Friday, 18 September 2020 at 02:00 - 03:15 (Jakarta) GMT+7

https://www.facebook.com/638787276156090/videos/2752690768322708



Topic 1: Public display of tsunami information Mr Nick Kuster NSW State Emergency Service Australia



Tsunami Evacuation Plan Mr Harald Spahn Tsunami Early Warning Expert Germany

Topic 2:



Moderator: Mr Ardito M Kodijat Head of Indian Ocean Tsunami Indonesian Centre of UNESCO Indonesia

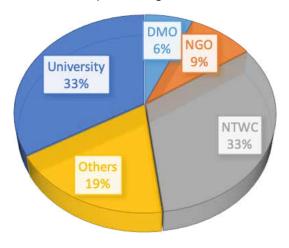
383 Participants

152

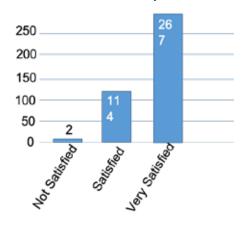


231

Participant's Organization



Satisfactory





Question & Answer (Q&A)		
Topic 1	19	
Topic 2	16	

Episode 4:

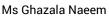
Tsunami Education and Outreach and Tsunami Exercise

Friday, 25 September 2020 at 02:00 - 03:15 (Jakarta) GMT+7

https://www.facebook.com/638787276156090/videos/918727415318359



Topic 1: Community tsunami education and outreach



Tsunami Early Warning and Mitigation Expert Pakistan



Topic 2: Tsunsmi exercise Mrs Weniza

The Agency for Metereology Climatology and Geophysics Indonesia



Moderator: Mr Ardito M Kodijat

Head of Indian Ocean Tsunami Indonesian Centre of UNESCO Indonesia

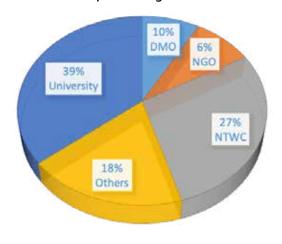
353 Participants

138

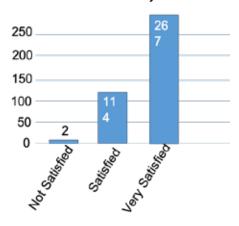


215

Participant's Organization



Satisfactory





Ouestion & Answer (O&A)

Topic 1	25
Topic 2	15

https://www.instagram.com/iotsunami/

Episode 5:

Tsunami Emergency Response and Tsunami Early Warning

Friday, 2 October 2020 at 02:00 - 03:15 (Jakarta) GMT+7

https://www.facebook.com/638787276156090/videos/628384164708457



Topic 1: Community tsunami emergency operation plan

Mrs Henny Vidiarina Tsunami Early Warning and Mitigation Expert Indonesia



Topic 2: **Community tsunami** early warning system Mr Ajay Kumar B Indian National Centre for

Ocean Information Services India



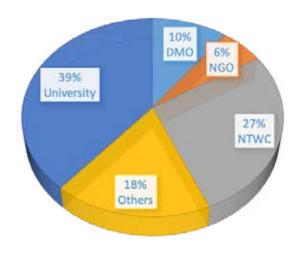
Moderator. Mr Ardito M Kodijat Head of Indian Ocean Tsunami Indonesian Centre of UNESCO Indonesia

354 Participants

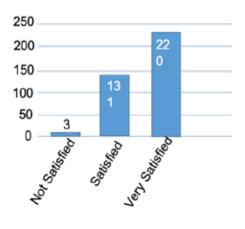


208

Participant's Organization



Satisfactory





Question & Answer (Q&A)					
Topic 1	16				

Topic 2

https://www.instagram.com/iotsunami/

Episode 6:

Piloting Tsunami Ready Community and Applying for UNESCO-IOC TR Recognition

Friday, 9 October 2020 at 02:00 - 03:15 (Jakarta) GMT+7

https://www.facebook.com/638787276156090/videos/645066346155602



Topic 1:
Piloting tsunami
ready in
community

Mr Ardito M Kodijat Head of Indian Ocean Tsunami Centre of IOC-

UNESCO Indonesia



Topic 2: Applying for IOC-UNESCO tsunami ready recognition Mrs Nora Gale

Indian Secretariat of Intergovernmental Coordination Group of the Indian Ocean Tsunami Warning and Mitigaton System Australia



Moderator: Dr Harkunti P Rahayu Chair of WG-1 Indian Ocean Tsunami Warning

and Mitigation System

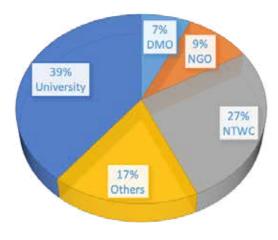
381 Participants

145

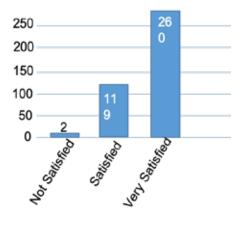


236

Participant's Organization



Satisfactory





Ouestion & Answer (O&A)

Topic 1	37		
Topic 2	12		
https://www.instagr	ram.com/iotsunami/		

Number of Total Participants

2.171
Participants

44Countries

6
IOTIC Lectures

Indian Ocean Country Participants

		Lecture					
No	Countries	1	2	3	4	5	6
1	Australia	3	3	3	3	3	3
2	Bangladesh	-	-	-	1	1	-
3	Comoros	1	1	1	1	1	1
4	India	13	11	12	15	16	22
5	Indonesia	209	232	245	221	212	224
6	Iran	2	3	2	2	2	2
7	Kenya	6	5	4	6	6	4
8	Madagascar	3	7	5	6	7	7
9	Malaysia	10	10	9	10	11	10
10	Maldives	1	1	1	1	1	1
11	Mauritius	1	1	-	1	-	-
12	Myanmar	7	7	9	10	10	10
13	Oman	2	3	4	1	1	1
14	Pakistan	12	11	11	8	13	15
15	Seychelles	7	11	11	9	7	8
16	Singapore	3	10	9	7	7	8
17	Sri Lanka	-	1	-	-	-	-
18	Timor-Leste	-	-	-	1	1	5
19	United Arab Emirates	3	3	2	2	2	2
20	Yemen	1	-	-	-	-	-
	Total : 1.861	284	320	328	305	301	323

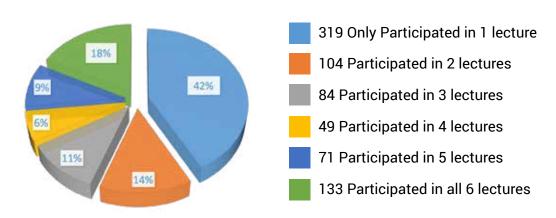
15 countries representations participated in all 6 Lectures

Other Country Participants

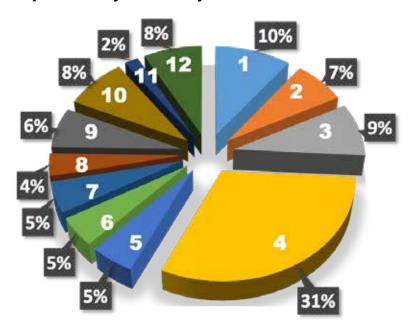
	Countries	Lecture					
No		1	2	3	4	5	6
1	Brazil					1	1
2	China					1	
3	Egypt	1		1	1		
4	Fiji	2		2	1	1	
5	French polynesia	1	2	1			
6	Geneva	1					
7	Germany					1	
8	Greece	2	1	2	2	2	2
9	Israel			1			
10	Italy		2	3	3	2	3
11	Jordan				1		
12	Lebanon						1
13	Libya	1	2	1			1
14	Nepal	2	3	4	2	1	4
15	Norway						1
16	Philippines	31	27	33	30	38	37
17	Solomon Islands	1			1		
18	Somalia	1	1		1	1	1
19	Spain	2	1	2	1	1	1
20	Turkey	1	1	1			
21	United Kingdom	2	2	2	2	2	1
22	USA	1	1				1
23	Vanuatu	3	1	2	3	2	2
24	Vietnam	1	1				
	Total : 310	53	45	55	48	53	56

6 countries representations participated in all 6 Lectures

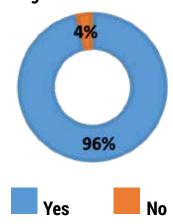
IOTIC Online Lecture Series Outreach



Which indicator(s) would be the most difficult to implement in your country?



Do you think there is interest in your country to implement Tsunami Ready and get UNESCO-IOC Tsunami Ready Recognition?



- 1. Have designated and mapped tsunami hazard zones.
- 2. Information of the estimate number of people that live in the tsunami hazard zone.
- 3. Public display of tsunami information.
- 4. Inventory of available economic, infrastructural, political and social resources to reduce tsunami risk at the community level.
- 5. Easily understood tsunami evacuation maps as determined to be appropriate by local authorities.
- 6. Development and distribution of outreach and public education materials
- 7. Conduct three outreach or education activities annually
- 8. Conduct a biennial tsunami community exercise.
- 9. Establish tsunami emergency operations plan (EOP) for the community.
- 10. Build capacity to manage emergency response operations during a tsunami.
- 11. Establish redundant and reliable means to receive 24-hour official tsunami alerts
- 12. Establish redundant and reliable means to disseminate 24-hour official tsunami alerts to the public.

Highlights:

- Reaching a wide range of stakeholder on the understanding or UNESCO-IOC Tsunami Ready
- O Interest of stakeholders on UNESCO-IOC Tsunami Ready
- Understanding of stakeholders on gaps, challenges, and difficulties to implement the UNESCO IOC Indicators

Objective:

- ✓ To preserve information and eyewitness stories of past tsunamis in Indonesia.
- ✓ To have a locally effective tsunami awareness and education materials based on past tsunamis.

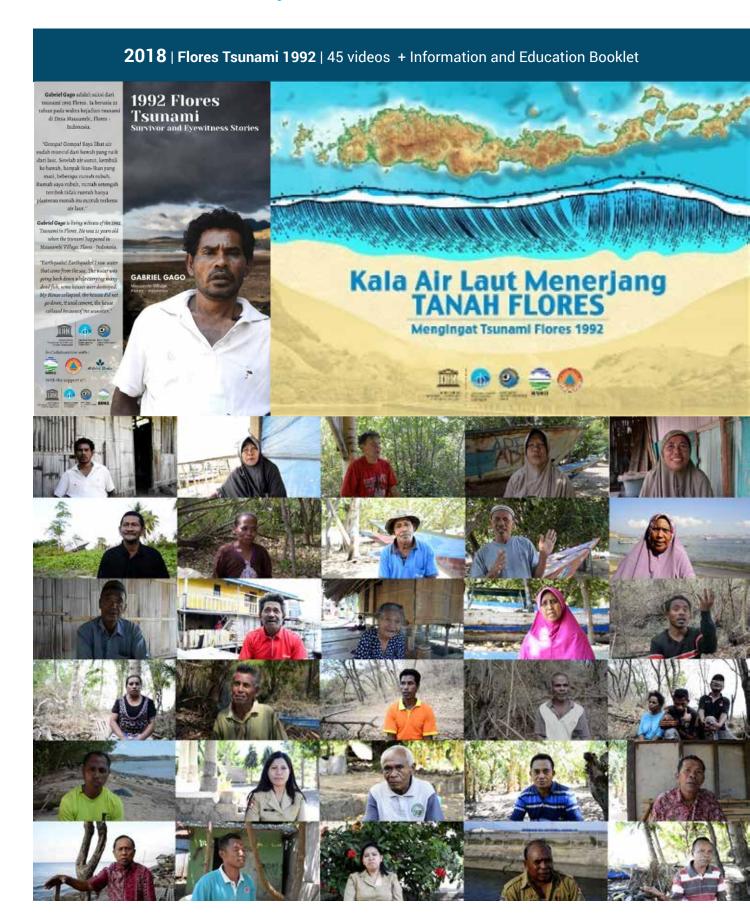
Expected outcome:

✓ Increased awareness and understanding in areas that has been hit by tsunamis based on local evidence and eyewitness story.

Activities:

- A. Information collection, video documentation of 45 eyewitnesses and survivors' stories of the Flores Tsunami (12 December 1992), and development of public education booklet "Kala Air Laut Menerjang Tanah Flores".
- B. Information collection, video documentation of 46 eyewitnesses and survivors' stories of the Banyuwangi Tsunami (2 June 1994), and development of public education booklet "Segoro Munggah di Jum'at Pon, Mengingat Tsunami Senyap Banyuwangi"
- C. Video documentation of 30 eyewitnesses and survivors' stories of the Central Sulawesi EQ and Tsunamis (1927, 1938, 1968, 1996, and 2018). With additional support from the Engelhard Foundation.
- D. Information collection, video documentation of 60 eyewitnesses and survivors' stories of the Biak Tsunami (17 February 1996).

Video Documentation of Eyewitness and Survivors





2020 | Central Sulawesi Tsunamis (1927, 1938, 1968, 1996, 2018) | 30 videos

With additional support from Charles Engelhard Foundation.



2021 | Tsunami Biak 1996 |

- O Documented 60 Eyewitnesses and Survivors stories
- O 8 location : Farusi, Korem, Mansoben, Munggui, Pulau Nomfur, Rarisi, Wardo, Wari



Tsunami Education, Awareness and Preparedness

Objective:

✓ To ensure the availability of tsunami education, awareness, and preparedness materials for the Indian Ocean Member States.

Expected outcome:

 Increased awareness and understanding of tsunami in the Indian Ocean.

Activities:

A. In line with the UN Decade on Ocean Science for Sustainable Development 2021-2030. In 2021, IOTIC-BMKG focused on developing communication, socialization, and promotion tools of the UNESCO-IOC Tsunami Ready.

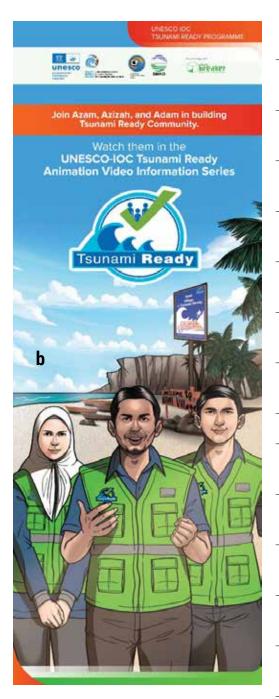
1. UNESCO-IOC Tsunami Ready Boardgame.

The Boardgame is an edutainment tools to promote and introduce the UNESCO-IOC Tsunami Ready programme and the 12 tsunami ready indicators. The game aims to raise awareness on tsunami ready community and can be used to advocate, guide, and work with the community in implementing the Tsunami Ready programme.



2. Video animation series on UNESCO-IOC Tsunami Ready program and indicators.

These 4-7 minutes animation video series provide information about the UNESCO-IOC Tsunami Ready programme and the 12 tsunami ready indicators. The series tell the story a group of community member in building their community as tsunami ready community by implementing the agreed indicators until their community got the recognition as UNESCO-IOC Tsunami Ready Community. The 14 videos are:



Video 1: Tsunami Ready (an introduction).

Video 2: Tsunami Hazard for Tsunami Ready Community

Video 3: Knowing people at risk of tsunami

Video 4: Resource and capacity for Tsunami Ready Community

Video 5: Tsunami Evacuation Map for the community

Video 6: Public Tsunami Information in Community

Video 7: Public Awareness and Education Resources

Video 8: Outreach Activities in Tsunami Ready Community

Video 9: Community Tsunami Exercise

Video 10: Community Tsunami Emergency Operation Plan

Video 11: Building Capacity in community for Emergency Response

Video 12: Linking the Community to the Tsunami Warning Chain

Video 13: Providing warning to the community

Video 14: Getting Tsunami Ready Recognition.

These UNESCO-IOC Tsunami Ready animation videos will be made available for public through IOTIC Youtube and Website in January 2022.

3. Indian Ocean Youth Short Video Competition on Tsunami Awareness



To build awareness among youth in Indian Ocean member states on Tsunami hazard, tsunami awareness, and tsunami preparedness, IOTIC-BMKG organized Indian Ocean Youth Short Video Competition on Tsunami Awareness. This youth video competition increased the knowledge of Indian Ocean youth on the topic of Tsunami Awareness and Preparedness and upskill Indian Ocean youth in the content creation in particular on the topic of Tsunami Awareness and Preparedness.

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). Five (5) independent judges evaluated the videos based on 6 assessment: criteria theme/topic, information, originality, impact, concept, creativity. There were 12 winners of 4 groups

GROUP 1: Eastern Indian Ocean Region

- O 1st Winner: Little Sea in Tompe by Sarah Adilah (Indonesia) https://drive.google.com/open?id=1Hi0SUE030j1vNNifBA-8qmHbXfDA0BWG
- 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
- O 3rd Winner: Atypical Tsunami and Solution by Muhyddin Aprizandy, Bobby Tegar Sanjaya & Muna Fauziah (Indonesia) https://drive.google.com/open?id=1Xb-m2xfbTKN0QfEOyc2PWWyUNtQjWK-2

Group2 - Indian Ocean Small Island States

- O 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-Te81kO1U0LPZ3Oc7Pf
- 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=1rKqrguYpKtqBUfi5D7jvlDXYzlWny8Uk
- Qnd Winner: Let's Buck Against the Wave by Aneeqa Bibi, Humera Khan & Sania Mehmood (Pakistan) https://drive.google.com/open?id=1qttldLuNJBkXq_yrDFe1ugwJR55w1J3l
- O 3rd Winner: Make Them Aware if You Care by Ayesha Nadeem (Pakistan) https://drive.google.com/open?id=1CZmUKsPVPBbwlDPoPlmCElv-V3F4SsiT

Group4 - Western Indian Ocean region

- 1st Winner: Good Wave Intentions by Mahfudh Khamisi Omar (Kenya) https://drive.google.com/open?id=1w3YbJeHpLd4KHMclqdR2exBpxdDysXiZ
- Q 2nd Winner: Tsunami Exercise by Neema Tayai Mollel (Tanzania) https://drive.google.com/open?id=1f0eIL-wfWvAkFNmRg9iOarvABzdb5TbP
- O 3rd Winner: Do We Communicate Hazard and Risk of Tsunami by Yasin Ramadhan (Tanzania) https://drive.google.com/open?id=1oR17PnAm2e-dpibot9UQQxgE-BeQR_Mc

These videos will be made available in IOTIC Social Media and website in 2022.



Objective:

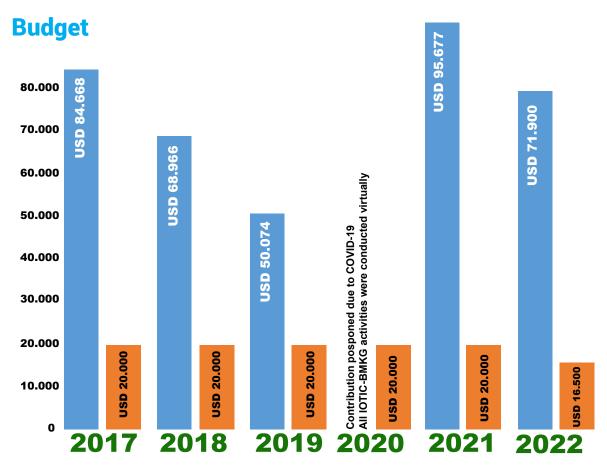
- ✓ To preserve information and evidence of IOTIC and IOWave activities
- ✓ To facilitate communication on IOTIC and IOWave activities to the Indian Ocean Member States.

Expected outcome:

✓ Public have easy access and updated information of IOTIC and IOWave activities.

Activities:

- A. Documentation and communication of IOWave16in cooperation with UNESCAP. Social Media engagement of IOWave16.
- B. Documentation and communication of IOWave 18 and IOWave 20, Social Media engagement and development of IOWave website (www.iowave.org).



Annual Budget from BMKG for IOTIC BMKG Programme
Agreed annual budget from BMKG ~ USD 80.000

Annual Budget from UNESCO-IOC Regular Programme Agreed annual budget from UNESCO-IOC ~ USD 20.000

Note:

Based on UN Exchange Rate for January each year

The amount stated did not included:

- BMKG's In-kind support to IOTIC-BMKG rogramme office (3 dedicated staff, office space and facilities).
- BMKG's additional support for the International Symposium on the Lessons Learnt from the 2018 Tsunamis in Palu and Sunda Strait.
- In-kind support and staff time of UNESCO-IOC IOTIC and ICG/IOTWMS Secretariat in the implementation of IORW and IOCAP activities.
- Additional funding support from ICG/IOTWMS secretariat for the IORW and IOCAP activities.



IOTIC-BMKG office



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