

2nd UNESCO IOC Global Tsunami Symposium

“Two Decades After 2004 Indian Ocean Tsunami: Reflection and the Way Forward”

Monday 11th - Thursday 14th November 2024
in BANDA ACEH, INDONESIA



<p>PRE-EVENT International Workshop <i>Venue: USK Banda Aceh</i></p>	<p>2nd UNESCO IOC Global Tsunami Symposium <i>Venue: Banda Aceh Convention Hall</i> <i>(11 – 14 November, 2024)</i></p>				<p>POST-EVENT ICG IOTWMS XIV Session <i>Venue: Banda Aceh or BMKG Jakarta</i></p>
<p><i>Hosted by IABI in collaboration with TDRMC, IGI</i></p>	<p>Day 1 (11 Nov 2024)</p>	<p>Day (12 Nov 2024)</p>	<p>Day 3 (13 Nov 2024)</p>	<p>Day 4 (14 Nov 2024)</p>	<p><i>Hosted by BMKG</i></p>
	<p>Opening Ceremony</p>	<p>Session 3</p>	<p><i>All Day Excursion</i></p>	<p>Session 7</p>	
		<p>Session 4</p>		<p>Session 8</p>	
	<p><i>Lunch Break (12:00 – 14:00)</i></p>				
	<p>Session 1</p>	<p>Session 5</p>		<p>Closing Ceremony</p>	
	<p>Session 2</p>	<p>Session 6</p>			
<p>Side Events: Exhibitions, Posters, Ignite Stages and “<i>Rumah Resilience Indonesia</i>” located at Banda Aceh Convention Hall</p>					

2nd UNESCO IOC Global Tsunami Symposium

**“Two Decades After 2004 Indian
Ocean Tsunami: Reflection and the
Way Forward”**

**Monday 11th - Thursday 14th November 2024
in BANDA ACEH, INDONESIA**

Location of Banda Aceh Indonesia



How to get there:

1. Via Jakarta (all domestic flight)
2. Via KL – Malaysia using Air Asia

Aims

- To commemorate two decades after 2004 Indian Ocean Tsunami
- To reflect what has been achieved in two decades
- To identify gaps, challenges and priorities for tsunami early warning
- To identify synergy with global challenges and coherence with global commitments
- To gather global tsunami community

Scope

- Session 1-6 (Day 1 and 2) are open to public. Session 7-8 (Day 4) aims to formulate the way forward and identify actions.
 - Invited speakers for the sessions will be nominated/selected by POC, i.e., global and local prominent academia, engineers, practitioner, politician and public figures.
 - Day 1 and 2 with anticipated 800 participants, who can express or give intervention during discussion.
 - Day 4 is for the invitation only, anticipated 100 participants
 - Each session will be chaired by 1 Chair Session supported by 1 Rapporteur + 1 Timekeeper
 - Chair Session and Rapporteur will be nominated by POC
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- Exhibitions, Poster Sessions, Ignites Stage, Rumah Resilience and local elementary school drawing competition will be organized by collaboration of BMKG, Government of Banda Aceh, IABI, USK, IGI.
 - Global Video Competition for youth (high school) will be organized by IOTIC
 - Local School Children Art Drawing "tsunami resilience" organized by IABi and USK
 - Open access edited book "Two Decades After 2004 Indian Ocean Tsunami: Reflection and the Way Forward", drawing upon inputs from each session - editor HPR, DA and RH

Host

- Government of Indonesia – BMKG (Host)
- UNESCO IOC - Tsunami Resilient Section (Co-host)
- IUGG (International Union of Geodesy and Geophysics) – Joint Tsunami Commission (Co-host)

Steering Committee

To guide the Programme Organizing Committee on the substance of symposium: the themes, topics, programme, expertise and speakers, etc.

- 1. Government of Indonesia:**
 - Head of BMKG: Prof. Dwikorita Karnawati
 - Head of BNPB: Letjen Suharyanto
 - Representative of Ministry of Foreign Affairs: (TBD)
- 2. UNESCO Jakarta Office:**
 - Director and Representative: Ms. Maki Katsuno-Hayashikawa
- 3. UNESCO IOC:**
 - Tsunami Resilient Section: Mr. Bernardo Aliaga
- 4. IUGG-JTC:**
 - Chair of Join Tsunami Cooperation: Prof. Tanioka
- 5. GDRC:**
 - Prof. Dilanthi Amaratunga
 - Prof. Richard Haigh

Programme Organizing Committee

To coordinate and organize the 2nd Global Tsunami Symposium on the detailed planning of the program and agenda

1. Chair : Dr Harkunti Rahayu (UNESCO IOC-TOWS WG-TTDMP)
2. Co Chair 1: Dr. Yuji Nishimae (UNESCO IOC-TOWS WG-TTWO)
3. Co-Chair 2: Ms. Suci Dewi Anugrah (BMKG)
4. Members:
 1. Dr. Srinivasa Kumar Tummala (Chairperson of the Scientific Committee for the UN Ocean Decade Tsunami Programme - SC-ODTP)
 2. Mr. Hanif Andi (Deputy of Geophysics of BMKG)
 3. Mr. Rick Bailey (Secretariat of ICG/IOTWMS)
 4. Dr. Laura Kong (International Tsunami Information Centre)
 5. Denis Chang-Seng (Northeast Atlantic and the Mediterranean Seas TIC)
 6. Allison Broom (Caribbean Tsunami Information Centre)
 7. Ardito M Kodijat (Indian Ocean Tsunami Information Centre)
 8. Nora Gale (Secretariat of ICG/IOTWMS)
 9. (tbd)

National Committee Indonesia

to coordinate, support, and manage the technical arrangement and organization of the symposium nationally and in Banda Aceh (In collaboration with Programme Organizing Committee - POC)

1. Advisor: Deputy of Geophysics
2. Head of Technical Committee : Director of Earthquake and Tsunami
3. Members:
 - a. Mitigation Division and other Division of Center for Earthquake and Tsunami BMKG
 - b. Intl Cooperation BMKG
 - c. Public Affairs Division BMKG
 - d. Communication and Networks Division BMKG
 - e. Aceh Geophysical Station BMKG
 - f. Regional Centre Medan BMKG
 - g. BNPB (NDMO)
 - h. Indonesian Ministry of Foreign Affairs
 - i. BPBA Province Nangroe Aceh Darussalam (LDMO)
 - j. BPBA Kota Banda Aceh (LDMO)

Agenda of 2nd Global Tsunami Symposium (11-14 November 2024)

	Day 1 (11 Nov 2024)	Day (12 Nov 2024)	Day 3 (13 Nov 2024)	Day 4 (14 Nov 2024)
Morning (09:00–12:00)	Opening Ceremony	Session 3	All Day Excursion	Session 7
		Session 4		Session 8
<i>Lunch Break (12:00 – 14:00)</i>				
Afternoon (14:00–17:00)	Session 1	Session 5		Closing Ceremony
	Session 2	Session 6		
Side Events: Exhibitions, Posters, Ignite Stages and “ <i>Rumah Resilience Indonesia</i> ”				

Day 1 Morning:

Opening Ceremony

Opening Ceremony'

1. Indonesian Anthem
2. Prayer
3. Moment of Silent (Video) + eyewitness
4. Opening Performance (Saman Dance)
5. Remarks
 - a. Welcoming Remarks
 - Governor of Nangroe Aceh Darussalam Province
 - Head of BMKG
 - ADG/ES of UNESCO-IOC (*If not attending, Director of UNESCO Office Jakarta*).
 - The UN Resident Coordinator for Indonesia (*TBC*)
 - Special Representative of the Secretary-General for Disaster Risk Reduction (*TBC*)
 - b. Opening Remark
 - Coordinating Minister for Maritime and Investment (*TBC*)
6. Keynote Speech by the Newly Elected President (*TBC*)
7. Group Photo

Day 1 Afternoon:

Plenary Session

- **Session 1: *Review of the Tsunami Warning Systems in the past 2 decades* (90 min - invited speakers)**
 - a. Gaps, challenges, and priorities in detection, warning and dissemination
 - b. Gaps, challenges, and priorities in tsunami risk, awareness, and preparedness
 - c. Disruptive technology (4.0 and AI)
- **Session 2: *Non-Seismic Tsunami in response to UN Ocean Decade Tsunami Programme* (90 min - invited speakers)**
 - a. Gaps and emerging challenges on Non-Seismic Sources
 - b. Gaps, challenges, and priorities in Non-Seismic Tsunami Monitoring and Detection System: State of the Art

Day 2 Morning:

Plenary Session

- **Session 3: *State of the Art and Strategic Plans of Standard Operating Procedure for Tsunami early Warning System* (90 min - invited speakers)**
 - a. Seismic Generated Tsunami (Local vs Distant)
 - b. Non-Seismic Generated Tsunami(Local vs Distant)
- **Session 4: *Tsunami Disaster Governance, Policy, and Justice* (90 min - invited speakers)**
 - a. Learning from Mega Tsunamis : 2004 Indian Ocean Tsunami and 2011 Tohoku Tsunami → **Indonesia and Japan Govt Representatives**
 - b. Contributions of TEWS to global initiatives: UN Ocean Decade, SDGs, SFDRR, COP28, **EWS4ALL**, MCR2030

Day 2 Afternoon:

Plenary Session

- **Session 5: *Achieving 100% Communities at Risk to be Prepared for and Resilient to tsunami by 2030* (90 min - invited speakers)**
 - a. Progress of UNESCO IOC Tsunami Ready recognition programme
 - b. Synergizing Tsunami Ready with national programmes for tsunami preparedness
 - c. Tsunami Ready Coalition
- **Session 6: *Other Critical Issues* (90 min - invited speakers)**
 - a. Social and Human perspective in Tsunami Science and Tsunami Early Warning System
 - b. Critical infrastructure ready for tsunami: design, implementation, and maintenance
 - c. Mainstreaming DRR into Urban Planning
 - d. MHEWS
 - e. Cascading and compound hazards, systemic risk

Day 3:

Excursion

All Day Excursion

1. Museum Tsunami Aceh
2. Affected area: Lampuu
3. Tsunami Ready Village: Inauguration Tsunami Ready and Tsunami Drill
4. ...

Day 4 Morning:

Plenary Session

- **Session 7: *UN Ocean Decade Tsunami Programme Research, Development & Implementation Plan (2021-2030)*** (90 min - invited speakers)
 - a. ...
- **Session 8: *Wrap up /Synthesis/Way Forward***
 - a. An outcome document, drawing upon achievements, gaps, challenges, and priorities from each session, including pre-event. → coordinate with Pre event and 8 session chairs → input for the draft banda Aceh declaration

Banda Aceh Declaration (in one powerful sentence)

Registration

- One registration for all events → website unesco ioc or BMKG or others? → discuss with Bernado
- Question to Bernado about speaker logistic transportation
- BMKG expect co-sponsorship for accommodation for invited speakers
- BMKG will provide snacks and coffee for Day 1, Day2 and Day 3
- Lunch for Day 1 and Day 2: paying at the stalls at the exhibition
- BMKG will provide full meals for Day4
- BMKG will host gala dinner for Day 3 evening for invited by participants
- BMKG will provide transportation and snack Day 3 tour

**Day 4
Afternoon:
Closing
Ceremony**

Closing Ceremony

1. Indigenous Story-Teller – Pak Ngah
2. Hand-over price to the Indian Ocean Youth Tsunami Conversation and Campaign (IOYTCC) Winners (4 Indian Ocean competition regions)
3. Winner announcement for best poster presentation
4. Winner announcement for school children art/drawing competition
5. Closing Remark:
 - Head of BMKG
 - Representative of the Local Government
 - Representative of UNESCO IOC
 - Representative of the Government (Officially Closed the event)

Venues of Main Events

- **Day 1 and Day 2: Banda Aceh Convention Hall**
- **Day 4: Hermes Hotel**

Banda Aceh Convention Hall

Opening, Closing, Plenary and Side event activities

Main Event

11-12 November 2024



Capacity:1,000 people

Banda Aceh Convention Hall

Opening, Closing, Plenary and Side event activities

Main Event

11-12 November 2024



Capacity:1,000 people



Main Event

14 November 2024



Hermes Hotel

Session 7 & 8 and Closing Ceremony



Capacity: 200 people

Side-Events: Ignite Stage, Booth and Poster Exhibition

Date: 11 – 14 November 2024

Venue: Banda Aceh Convention Hall

Side-Event:

The side event using the concept of Rumah Resiliensi (Resilient House) "small expo from us to us"

- *Aims to provide platform for*
 - Tsunami open to public to participate for Global Tsunami Symposium
 - and DRR players to show product, result, and innovation on Tsunami Mitigation, Tsunami Preparedness, Tsunami Awareness, Tsunami Early Warning, etc.
 - Youth and young professionals (i.e. early career researcher and scientist) to showcase their research and activities on Tsunami Risk Reduction
 - For donor and sponsors to participate and showcase their engagement in the symposium

Side Events: 9-12 November 2024



1. Exhibitions



3. Poster Session: open to public to participate for Global Tsunami Symposium



2. Ignite Stage: for invited

- institutions/organization
- experts/celebrities/public figures
- tsunami survivors

4. Booth Display:

- winner of Banda Aceh local school art drawing competition
- Winner of Video competition

Side-Event:

- ***Ignite Stage***

- Interested party who wants to take the stage must register and will be given max 10 minutes to talk or present on the stage.
- Schedule: During Coffee Breaks, Lunch Breaks and 1 hour after the end of day of the main event activities.

Example of Rumah Resiliensi Indonesia @GPDRR



Banda Aceh Convention Hall

Outdoor Tents surrounding the Convention Hall area

Exhibition

Venue

9-12 November 2024



Hotel and Accommodations

Hotels

Alternatives Hotel for Delegation/Participants

1. Hermes Hotel (4 star)
2. Kyriad (4 star)
3. Many 3 star hotels

Pre-Event: International Scientific Workshop

Hosted by IABI collaborated with TDRMC
– USK and IGI

Pre-Event: International Scientific Workshop 9-10 November 2024

Aims:

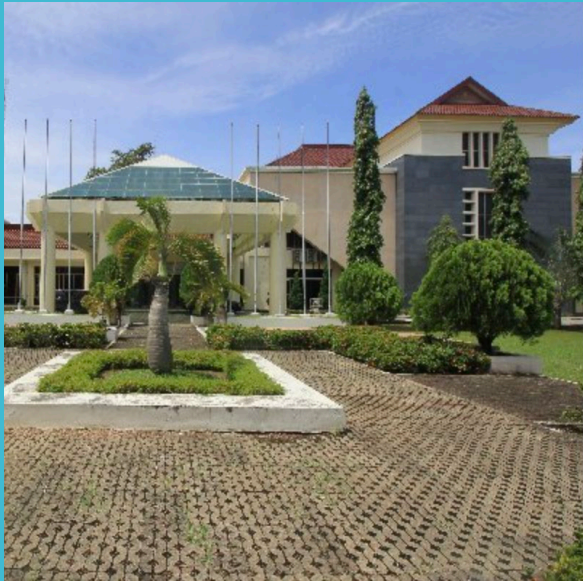
- To commemorate 2 decades post 2004 Tsunami
- To conduct PIT IABI 2024 collaborate with AIWEST
- To accommodate International and National Public to present their works/thoughts before participate the UNESCO IOC Global Symposium

Scope:

- Call for papers for Scientific Workshop
- Pre event scientific workshop Book of abstracts, Indexing proceedings, Special issue of journals
- Open to global scientific and practitioner communities

Pre-Event Venue

9-10 November 2024



AAC Dayan Dawood Auditorium – University of Syiah Kuala



Capacity: 1,000 people

Preparation done

Preparation Done

Follow up Meeting after TOWS WG Meeting March 2023

1. Discussed with Prof Dwikorita (Head of BMKG), Prof Syamsul Maarief (Former Head of BNPB/NDMA) (March 2023)
2. Discussed with BMKG and BNPB core team (March and April)
3. Discussed with IABI (April 2023)
4. Meeting with Prof Tanioka (May 2023)
5. Meeting with IABI and IGI (August 2023)
6. Meeting with BMKG, IOTIC, University Syiah Kuala, Government of Aceh (September 2023)
7. Hand over PIT IABI from UB in 2023 to USK 2024 (27-28 November 2023)
8. Symposium Technical Meeting with BMKG, BNPB, IOTIC, and Ministry of Foreign Affairs (8 December 2023)
9. Online meeting with Program Organizing Committee
10. Site Visit to Banda Aceh by Chairs (HPR and SA) and BMKG team (20 December 2024)
11. Several meeting conducted in January 2024 online and offline

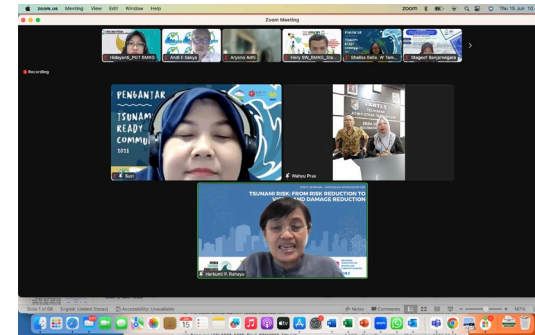
Preparation Meetings



March 2023



April 2023



August 2023



8 December 2023

Courtesy Local Governments and Site Visits (19-21 December 2024)



Courtesy to Vice Rector of USK and TDRMC



Courtesy to Vice Rector of USK and TDRMC



Socialization Presentation for the Symposium

1. Steering Group online meeting (January 2024)
2. UN ODTP meeting in UNESCO Headquarter Paris, 25-26 January 2024
3. ICG/CARIBE EWS Midterm Officers Meeting - Day 2 – online 2 February 2024
4. Indian Ocean Decade Conference in Hyderabad India – offline 2 February 2024
5. ICG/NEAMTWS-XVIII - Eighteenth Session of the Intergovernmental Coordination Group for the Tsunami Early Warning and Mitigation System in the North- Eastern Atlantic, the Mediterranean and connected Seas - online 7 February 2024 (today)

Post Event: UNESCO IOC/ICG IOTWMS XIV

In BMKG Jakarta / Banda Aceh

16-19 November 2024 (tbd with Chair of ICG IOTWMS)