

# 2<sup>nd</sup> UNESCO IOC Global Tsunami Symposium

## “Two Decades Post 2004 Indian Ocean Tsunami: A Reflection and Way Forward”

Monday 11<sup>th</sup> - Thursday 14<sup>th</sup> November 2024  
in BANDA ACEH, INDONESIA



<b>PRE-EVENT</b> <i>Venue: USK Banda Aceh</i>	<b>2<sup>nd</sup> UNESCO IOC Global Tsunami Symposium</b> <i>Venue: Banda Aceh Convention Hall</i>				<b>POST-EVENT</b> <i>Venue: BMKG Jakarta</i>	
<b>International Workshop (9 -10 Nov 2024)</b>	<b>Day 1 (11 Nov 2024)</b>	<b>Day ( 12 Nov 2024)</b>	<b>Day 3 (13 Nov 2024)</b>	<b>Day 4 (14 Nov 2024)</b>	<b>ICG IOTWMS XIV Session</b>	
Hosted by IABI in collaboration with TDRMC, IGI Location: USK	<b>Opening Ceremony</b>	<b>Session 3</b>	All Day Excursion	<b>Session 7</b>		
		<b>Session 4</b>		<b>Session 8</b>		
	Lunch Break (12:00 – 14:00)					
	<b>Session 1</b>	<b>Session 5</b>		<b>Closing Ceremony</b>		
	<b>Session 2</b>	<b>Session 6</b>				
<b>Side Events:</b> Exhibitions, Posters, Ignite Stages and “ <i>Rumah Resilience Indonesia</i> ” located at Banda Aceh Convention Hall						

**2<sup>nd</sup> UNESCO IOC Global Tsunami Symposium**

**“Two Decades Post 2004 Indian  
Ocean Tsunami: A Reflection and  
Way Forward”**

# Aims and Scope

- **Aims:**
  - To commemorate 2 decades after 2004 Tsunami
  - To reflect what has been achieved in two decades
  - To decide way forward in compliance with global challenges and global commitments
- **Scopes:**
  - Session 1-6 open to public + Session 7-8 for formulation of way forward action.
  - Invited speaker for the sessions will be nominated/selected by POC from global and local prominent academia, engineers, practitioner, politician and public figures.
  - Participants (500-800) of the first 2 days are open to public, who can express or give intervention during discussion in Session 1 to 6)
  - Participants (100) for Session 7 + 8 are by invitation
  - Each session will be chaired by 1 Chair Session supported by 1 Rapporteur + 1 Timekeeper
  - Chair Session and Rapporteur will be nominated by POC
  - Exhibitions, Poster Sessions, Ignites Stage, Rumah Resilience and local elementary school drawing competition will be organized by BMKG, Government of Banda Aceh, IABI, USK, IGI
  - Video Competition will be organized by IOTIC
  - Book of Commemoration as output of Global Symposium writer will be from all speaker – editor HPR, DA and RH
  - Extensive Promotion should start soon

# 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

# Programme Organizing Committee

*To coordinate and organize the 2<sup>nd</sup> 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

*In collaboration with Programme Organizing Committee, to coordinate, support, and manage the technical arrangement and organization of the symposium nationally and in Banda Aceh.*

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 2<sup>nd</sup> 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)	<b>Opening Ceremony</b>	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		<b>Closing Ceremony</b>
	Session 2	Session 6		
	<b>Side Events:</b> Exhibitions, Posters, Ignite Stages and “Rumah Resilience Indonesia”			

**Day 1:  
Monday  
11 Nov. 2024**

***Opening  
Ceremony***

## ***Day 1 Morning: 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:  
Monday  
11 Nov. 2024**

**Plenary  
Session**

## ***Day 2 Afternoon:***

- **Plenary Session 1: *Review of the Tsunami Warning Systems in the past 2 decades* (90 min - invited speakers)**
  - a. The gaps and challenges in detection, warning and dissemination
  - b. The gaps and challenges in tsunami risk, awareness, and preparedness
- **Plenary Session 2: *Non-Seismic Tsunami (to response to UN Ocean Decade Tsunami Programme)* (90 min - invited speakers)**
  - a. Emerging challenges on Non-Seismic Sources
  - b. Non-Seismic Tsunami Monitoring and Detection System: A State of the Art

**Day 2:  
Tuesday  
12 Nov. 2024**

**Plenary  
Session**

## ***Day 2 Morning:***

- **Plenary Session 3: *State of the Art and Strategic Plan 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)
- **Plenary 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
  - b. Contribution of TEWS to global initiatives: UN Ocean Decade, SDGs, SFDRR, COP27, UNDRR-EWS4ALL

**Day 2:  
Tuesday  
12 Nov. 2024**

**Plenary  
Session**

## ***Day 2 Afternoon:***

- **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. Accrediting national programme initiatives for tsunami preparedness
  - c. Tsunami Ready Coalition
  - d. Linkage with other Global Frameworks and initiatives, (SDG, SFDRR, EWA for ALL, Resilient City, etc.)
- **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 to tsunami: design and implementation
  - c. Mainstreaming DRR into Urban Planning
  - d. MHEWS
  - e. Cascading and compound hazards, systemic risk
- **Banda Aceh Declaration (in one powerful sentence)**

**Day 3:  
Wednesday  
13 Nov. 2024**

**Excursion**

***Day 3 : All Day Excursion***

1. Museum Tsunami Aceh
2. Tsunami Ready Village: Inauguration Tsunami Ready and Tsunami Drill
3. ...

**Day 4:  
Thursday  
12 Nov. 2024**

**Plenary  
Session**

## ***Day 4 Morning:***

- **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. Clear link to an outcome document, drawing upon achievements, gaps, challenges from each session, including pre-event. → Coordinate with Pre event and 8 session chairs?
  - b. Declare: Wrap up /Synthesis and Way Forward

**Day 4:  
Thursday 12  
November  
2024**

**Closing  
Ceremony**

## ***Day 4 Afternoon: 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. Closing Remark:
  - Representative of the Local Government
  - Representative of UNESCO IOC
  - Representative of the Government (Officially Closed the event)



# Potential Invited Speakers

## USA:

1. Prof. Hiroo Kanamori (California Institute of Technology)
2. Prof Emile Okal (Northwestern University)
3. Prof. Costas Synolakis (University of South Carolina)
4. Prof. Hermann Fritz (Georgia Institute of Technology)
5. Prof. Thorne Lay (University of California Santa Cruz)
6. Dr. Stuart Weinstein (NOAA)
7. Dr. Elena Suleimani (University of Alaska Fairbanks)
8. Dr. Bryan Atwater (USGS)
9. Prof. Louise Comfort (Univ of Berkley)

## AUSTRALIA:

1. Prof. Charita Pattiarachi (University of Southwest Australia)
2. Dr. Gareth Davies (Geoscience Australia)

## JAPAN

1. Prof. Shunichi Koshimura (Tohoku University)
2. Prof. Fumihiko Imamura (Tohoku University)
3. Prof. Yuichiro Tanioka (Hokkaido University)
4. Prof. Kenji Satake (University of Tokyo)
5. Prof. Yoshihiro Okumura (Kansai University)
6. Prof. Yushiro Fujii (Univ of Tokyo)
7. Prof. Megumi Sugimoto (Kyushu University)

## SINGAPORE

1. Prof. Philip Liu (University of Singapore)

## RUSIA:

1. Dr. Vasily Titov (NOAA Center for Tsunami Research)
2. Prof. Efim Pelinovsky (Russian Academy of Sciences)

## UK:

1. Mohammed Heiderzadeh (Univ of Bath)
2. Prof. Dilanthi Tumaratunga (Univ of Huddersfield)
3. Prof. Richard Haigh (Univ of Huddersfield)

## ITALY:

1. Dr. Laura Graziani (Institute of Geophysics and Volcanology)
2. Dr. Maurizio RIPEPE (Univ of Florence)

## SPANYOL:

1. Prof. Elisa Buforn (Universidad Complutense Madrid)

## PNG:

1. Prof. Hugh Davies (University of Papua New Guinea)

## INDONESIA:

1. Prof. Dwikorita Karnawati (BMKG)
2. Dr. Dimas Salomo Sianipar (BMKG)
3. Suci Dewi Anugrah (BMKG)
4. Dr. Harkunti P. Rahayu (ITB)
5. Prof Syamsul Maarief (former Head of BNPB)
6. Prof Yan Sophaheluwakan (UI)

**Side-Event:  
Booth and Poster  
Exhibition and Stages**

**Side-Event:  
Booth and  
Poster  
Exhibition  
and Stages  
(11-14  
November  
2024)**

Rumah Resiliensi – Resilience House  
“expo from us to us”

- *Aims to provide platform for*
  - Tsunami 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-Event:  
Booth and  
Poster  
Exhibition  
and Stages  
(11-14 November  
2024)**

Rumah Resiliensi – Resilience House  
“expo from us to us”

• ***Format***

- Exhibition booth
- Poster Exhibition
- Ignite stage
  - Eyewitnesses or Survivor of 2004 Tsunami
  - 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.

# Side Events: 9-12 November 2024



## 1. Exhibitions



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



## 2. Ignite Stage:

- Invited institutions/organization
- Invited experts

# Side Event Technical and Scope Guidelines

- ***Exhibition***
  - ... (tbd)
- ***Poster Session:***
  - ... (tbd)
- ***Ignite Stages:***
  - ... (tbd)
- ***Rumah Resilience:***
  - ... (tbd)
- ***Drawing Competitio:***
  - ... (tbd)

# Venues

## Venue

- Auditorium – University of Syiah Kuala
- Banda Aceh Convention Hall
- Hermes Hotel



# Pre-Event Venue

9-10 November 2024



## AAC Dayan Dawood Auditorium – University of Syiah Kuala



Capacity: 1,000 people

# Banda Aceh Convention Hall

Opening, Closing, Plenary and Side event activities

## Main Event Venue

11-12 November 2024



Capacity: 1,000 people

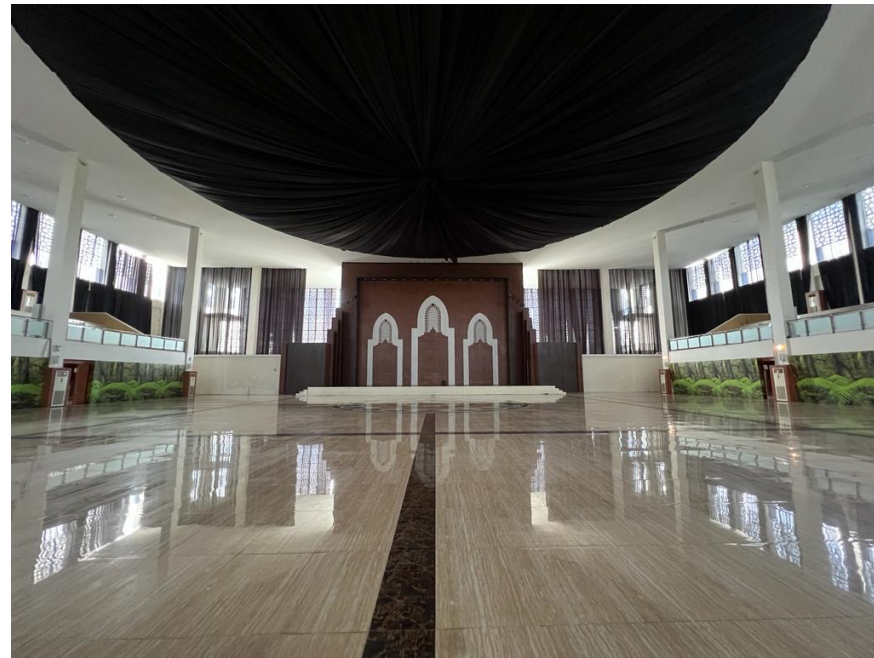
# Main Event Venue

11-12 November 2024



## Banda Aceh Convention Hall

Opening, Closing, Plenary and Side event activities



Capacity:1,000 people

# Session 7 & 8 Venue



## Hermes Hotel

Session 7 & 8 and Closing Ceremony



Capacity: 400 people

# Preparation Done

## *Follow up Meeting after TOWS WG Meeting*

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

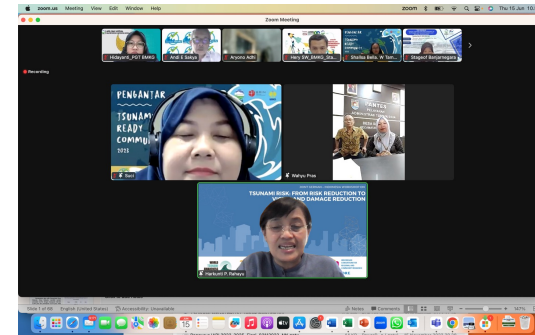
# Preparation Meetings



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



# Example of Rumah Resilience Indonesia @GPDRR





# Hotel and Accommodations

# Hotels

## *Alternatives Hotel for Delegation/Participants*

1. Hermes Hotel (4 star)
2. Kyria (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

# Post Event: UNESCO IOC/ICG IOTWMS XIV

In BMKG Jakarta

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