

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 (8-9 Nov 2024) Venue: USK Banda Aceh</p>	<p align="center">2nd UNESCO-IOC Global Tsunami Symposium Venue: Banda Aceh Convention Hall (11 – 14 November, 2024)</p>				<p>POST-EVENT ICG IOTWMS XIV Session Venue: Jakarta</p>
<p><i>Hosted by IABI in collaboration with UNESCO IOC, IUGG, TDRMC and 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 align="center"><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 (10-12 Nov 2024): 10 Nov 24: Opening Booth Exhibitions, Posters, Ignite Stages with Rumah Resiliensi Concept, located at Symposium venue BMA entrance and open spaces</p>					

Nov 10, 2024

**Opening of
Side Event
&
Gala Dinner**

Opening of Side Event				
10 - 12 November 2024				
Day and Venue	Session	Time	(Minute)	Rundown
10 November 2024 (In-door BMA- Balai Meuseraya Aceh)	Opening Site Event	09.30-09.35	5	1. Prayer
		09.35-09.40	5	2. National Anthem
		09.40-09.45	5	3. Opening Art
		09.45-09.50	5	4. Report of The Side Event: Deputy of Geophysics BMKG
		09.50-10.05	15	5. Welcoming Remarks: Head of BMKG
		10.05-10.10	5	6. Opening the Side Event by Cutting Ribbon
		10.10-10.30	20	7. Head of BMKG visit to the Booths and Poster Session
<i>Dress Code: Smart Casual</i>				
Gala Dinner				
10 November 2024				
Day and Venue	Session	Time	(Minute)	Rundown
10 November 2024 (Hermes Hotel)	Gala Dinner	18.30-19.00	30	1. Registration
		19.00-19.05	5	2. Opening MC + Prayer
		19.05-19.05	5	3. Opening Art
		19.05-19.15	10	4. Welcoming Remarks: Head of BMKG
		19.15-20.20	65	5. Dinner accompanied by Live Music
		20.20-20.30	5	6. Closing: Deputy of Geophysics BMKG
<i>Dress Code: Smart Casual</i>				

Site Event for Local SMEs from Aceh Province at Parking Area of BMA aiming for "Thanks to the Word from Aceh and Indonesia"

Day 1 Morning:

Opening Ceremony (Plan B)

Dress Code: formal or your national attire

Session	Time	Min	Rundown
Opening (PLAN B)	08.00-09.00	60	Registration Playing Violin while waiting for Guests
	09.00-09.05	5	Greeting VIP Guest with Rampai and Aceh Wonderland Dance
	09.05-09.10	5	Opening MC
	09.10-09.15	5	1. Reciting Al Quran and Prayer
	09.15-09.20	5	2. Indonesian Anthem
	09.20-09.30	10	3. Theatrical Performance Tsunami Aceh (8') + Moment of Silent (2')
	09.30-09.35	5	4. Report from Chair of POC: Dr. Harkunti Pertiwi Rahayu
			5. Welcoming Remarks
	09.35-09.40	5	a. Head of BMKG as Host - Prof. Dwikorita Karnawati
	09.40-09.50	10	b. Acting Governor of Aceh Province - Dr. H. Safrizal ZA, M.Si
	09.50-10.00	10	c. ADG/ES of UNESCO-IOC as Co-Host – Mr. Vidar Helgesen
	10.00-10.05	5	d. UNDRR - Mr. Marco Toscano Rivalta
	10.05-10.10	5	e. Director of UNESCO Office Jakarta – Ms. Maki Katsuno-Hayashikawa
	10.10-10.30	20	6. Opening Remark: Coordinating Minister for Human Development and Cultural Affairs, Prof Pratikno
10.30-10.35	5	7. Opening with Rampa'i Government of Indonesia with VVIP	
10.35-10.40	5	8. Group Photo	
10.40-11.00	20	9. Press Conference (with international and national media mainstream) + Coffee Break	
11.00-11.15	15	10. Keynote Speech 1 : Prof. Dwikorita Karnawati (Head of BMKG)	
11.15-11.30	15	11. Keynote Speech 2: Let Jen Dr. Suharjanto (Head of BNPB)	
11.30-11.45	15	12. Keynote Speech 3: Dr. Yutaka Michida (Chairperson of UNESCO-IOC)	
11.45-12.00	15	13. Recognition of New Tsunami Ready Community Inauguration	
	12.00-13.00	60	14. Lunch

Day 1 Afternoon:

Plenary Session 1

Session 1	Review of the Tsunami Warning and Mitigation Systems over the past 2 decades	
13.00-15.10	130	Chair Session: Dr. Idwan Suhardi and Dr. Jorn Lauterjung; Rapporteur: Ms. Nora Gale
		a. Presentation: Learning from Mega Tsunamis : 2004 Indian Ocean Tsunami and 2011 Tohoku Tsunami
13.00-13.12	12	1. Prof Jan Sopaheluwakan
13.12-13.24	12	2. Prof Shinishi Kuriyama
		b. Presentation: Gaps, challenges, and priorities in tsunami risk, detection, warning and dissemination, awareness and preparedness for the Global Tsunami Warning and Mitigation System
13.24-13.36	12	1. Prof. Dwikorita Karnawati (IOTWMS)
13.36-13.48	12	2. Mr. Yuji Nishimae (PTWS)
13.48-14.00	12	3. Mr. Gerard Metayer (CARIBE-EWS)
14.00-14.12	12	4. Dr. Alessandro Amato (NEAMTWS)
14.12-14.30	18	Q and A for topic a and b
	40	c. Panel on history of IOTWMS
14.30-14.40		1. Dr. Harsh Gupta: 10 min
14.40-14.50		2. Mr. Rick Bailey: 10 min
14.50-15.00		3. Dr. Yuichi Ono: 10 min
15.00-15.10		4. Dr. Charles McCreery: 10 min
15.10-15.25	15	Coffee Break

Dress Code: Smart Casual

Each chair session must develop brief summaries

Day 1 Afternoon: Plenary Session 2

Session 2 Tsunami generated by non-seismic and complex sources		
15.25-17.00	95	Chair Session: Mr. Bernardo Aliaga; Rapporteur: Dr. Srinivasa Kumar Tummala
15.25-15.30	5	Opening with Stromboli Volcano video
a. Progress, gaps and emerging challenges of detecting and warning for tsunamis generated by non-seismic and complex sources		
15.30-15.45	15	1. Dr. Francois Schindele
15.45-16.00	15	2. Dr. Fabricio Romano
16.00-16.15	15	3. Dr. Januar Arifin
b. Evaluating non-seismic generated tsunami modelling		
16.15-16.30	15	1. Dr Aditya R. Gusman
16.30-16.45	15	3. Prof. Yuichiro Tanioka
16.45-17.00	15	Q and A for topic a and b
17:00		<i>Close of the day</i>

Dress Code: Smart Casual

Each chair session must develop brief summaries

Day 2 Morning: Plenary Session 3

Session 3		Tsunami Hazard and Risk Assessment
09.00-10.40	100	Chair Session: Dr. Srinivasa Kumar Tummala Rapporteur: Mr. Rick Bailey
a. Evaluating seismic and non-seismic generated tsunami hazards		
09.00-09.08	8	1. Dr. Finn Løvholt (NEAM-Global Tsunami Model)
09.08-09.16	8	2. Dr. Shunichi Koshimura (PAC-Tsunami modelling simulations)
09.16-09.24	8	3. Dr. Stefano Lorito (NEAM-Probabilistic tsunami forecasting and hazard assessment)
09.24-09.32	8	4. Prof. Syamsidik (IO)
09.32-09.40	8	5. Dr. Mohammad Mokhtari (IO)
09.40-09.50	10	Q and A for topic a
b. Identifying communities at-risk		
09.50-10.00	10	1. Ms Sunnanda Manneela (IO)
10.00-10.10	10	2. Ms. Christa von Hilebrandt-Andrade (CARIBE)
10.10-10.20	10	4. Mr. Ignacio Aguirre-Ayerbe (NEAM)
c. Developing awareness and preparedness of communities for tsunamis generated by seismic, non-seismic and complex sources		
10.20-10.30	10	1. Dr. Laura Kong
10.30-10.40	10	Q and A for topic b and c
10.40-10.55	15	Coffee Break

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Each chair session must develop brief summaries

Day 2 Morning: Plenary Session 4

Session 4 Tsunami Detection, Warning, Dissemination, and Response

10.55-12.15	68	Chair Session: Prof Nanang Puspito and Dr. Chip McCreery; Rapporteur: Dr. Ocal Necmioglu
		a. Testimony for lessons to be learnt from past significant Tsunamis
10.55-11.00	5	1. Dr Rahmat Triyono (IO 2004 and 2018 events)
11.00-11.05	5	2. Dr. Osamu Kamigaichi (PAC 2011 event)
11.05-11.10	5	3. Dr. Stuart Weinstein (PAC 2004 event)
11.10-11.15	5	4. Dr. Nikos Kalligeris (NEAM 2020 event)
		b. How do we Enhance Timeliness and Accuracy of Tsunami Warnings?
11.15-11.23	8	1. Dr. Srinivasa Kumar Tummala (IO)
11.23-11.31	8	2. Mr Shingo Ushida (PAC)
11.31-11.39	8	3. Dr. Dakui Wang (PAC)
11.39-11.47	8	4. Mr. David Coetzee (PAC)
		c. How do we Ensure Tsunami Warnings Reach all in the community?
11.47-11.55	8	1. Mr. Harald Spahn
11.55-12.03	8	2. Dr. Harkunti Pertiwi Rahayu (IO)
12.03-12.15	12	Q and A for topic b and c
12.15-13.15	60	LUNCH

Dress Code: Smart Casual

Each chair session must develop brief summaries

Day 2 Afternoon: Plenary Session 5

Session 5 Achieving 100% Communities at Risk to be Prepared for and Resilient to tsunami by 2030 (Challenged by UN Secretary General)		
13.15-14.45	80	Chair Session: Prof. Faisal Fathani and Mr. David Coetzee Rapporteur: Prof. Dilanthi Amaratunga
a. UNESCO-IOC Tsunami Ready Recognition Programme in PTWS		
13.15-13.25	10	1. Dr. Ocal Necmioglu
b. UNESCO-IOC Tsunami Ready Recognition Programme in CARIBE-EWS and NEAMTWS		
13.25-13.35	10	1. Ms. Christa von Hillebrandt-Andrade
13.35-13.45	10	2. Dr. Elena Daskalaki
c. Synergising UNESCO-IOC Tsunami Ready with national programmes for tsunami preparedness in Indonesia		
13.45-13.55	10	1. Ms. Suci Anugrah (IOTWMS)
13.55-14.05	10	2. Dr. Rustian (BNPB-IDRIP)
14.05-14.15	10	3. Dr. Weniza (ISO)
14.15-14.25	10	d. UNESCO-IOC Tsunami Ready Coalition
1. Dr Laura Kong		
14.25-14.35	10	e. World Tsunami Awareness Day (WTAD)
1. Ms. Rosalind Cook		
14.35-14.45	10	Q and A for topic a, b and c
14.45-15.00	15	Coffee Break

Dress Code: Smart Casual

Each chair session must develop brief summaries

Day 2 Afternoon: Plenary Session 6

Session 6	Other critical issues for building community resilience (90 min - invited speakers)	
15.00-17.00	120	Chair Session: Mr. Ardito M. Kodijat and and Dr. Ocal Necmioglu ; Rapporteur: Dr. Laura Kong
		a. Social and Human perspective in Tsunami Science and Tsunami Early Warning System
15.00-15.10	10	1. Dr. Finn Løvholt
15.10-15.20	10	2. Prof. Nigel Clark
15.20-15.30	10	3. Dr. Triarko Nurlambang
15.30-15.40	10	4. Ms. Irina Rafliana
15.40-15.50	10	5. Dr Rina Suryani Oktari
15.50-16.00	10	Q and A for topic a
		b. Critical infrastructure ready for tsunami: design, implementation, and Operation and maintenance
16.00-16.10	10	1. Dr. Harkunti Pertiwi Rahayu (Airport Ready for Tsunami/IO)
16.10-16.20	10	2. Mr. Ruly (GM of Airport)
16.20-16.30	10	3. Ms. Suci Anugrah
		c. Cascading and compound hazards, systemic risk
16.30-16.40	10	1. Prof. Louise K. Comfort
16.40-16.50	10	2. Prof. Richard Haigh
16.50-17.00	10	Q and A for topic b and c
17:00		Close of the day

Dress Code: Smart Casual

Each chair session must develop brief summaries

Day 3: Excursion

All Day Excursion

1. Museum Tsunami Aceh
2. Affected area: Lampuu
3. Tsunami Ready Village: Tsunami Drill at Tsunami Ready Village
4. Maximum participants (300 for excursion) including invited speakers, chair session and raporteur



Day 3 Agenda for Excursion

GROUP 1: 150 PARTICIPANTS (BUS 1, BUS 2, BUS 3)

07.30-08.00	30	Registration in Balai Meuseraya Aceh
08.00-09.00	60	Heading to Lamkruet Village
09.00-09.10	10	Arrive in Lamkruet Village + Preparation
09.10-09.15	5	Opening Art
		Welcoming Remarks
09.15-09.30	5	Head of BPBD Aceh Besar
	5	Representative of BMKG
	5	Head District of Lhoknga
09.30-09.40	5	Testimony by Tsunami Ready Community Mon Ikeun Village
	5	Testimony by Tsunami Ready Community Lamkruet Village
09.40-10.10	30	Simulation
10.10-10.30	20	Coffee Break on the bus heading to Lampuuk Village
10.30-11.00	30	Visit Lampuuk Rahmatulloh Mosque Participant will be grouped into 10 group to listen the testimony from local community
11.00-11.15	15	Heading to Restaurant for Lunch (Kuala Seafood, Awai Adun, Jaroe Get)
11.15-12.45	90	Lunch
12.45-13.45	60	Heading to Tsunami Museum Banda Aceh
13.45-14.45	60	Arrive in Tsunami Museum Banda Aceh
14.45-15.05	20	Return to Balai Meuseraya Aceh + Coffee Break

GROUP 2: 150 PARTICIPANTS (BUS 4, BUS 5, BUS 6)

07.30-08.00	30	Registration in Balai Meuseraya Aceh
08.00-08.30	20	Heading to Deah Glumpang Village
08.30-08.40	10	Arrive in Deah Glumpang Village + Preparation
08.40-08.45	5	Opening Art
		Welcoming Remarks
08.45-09.00	5	Head of BPBD Banda Aceh
	5	Representative of BMKG
	5	Head District of Meuraxa
09.00-09.10	5	Testimony by Tsunami Ready Community Deah Glumpang Village
	5	Testimony by Tsunami Ready Community Gampoong Jawa Village
09.10-09.40	30	Simulation
09.40-10.00	20	Coffee Break on the bus heading to Tsunami Museum Banda Aceh
10.00-11.00	60	Arrive in Tsunami Museum Banda Aceh
11.00-12.00	60	Heading to Restaurant for Lunch (Kuala Seafood, Awai Adun, Jaroe Get)
12.00-13.30	90	Lunch
13.30-13.45	15	Heading to Lampuuk Rahmatulloh Mosque
13.45-14.15	30	Visit Lampuuk Rahmatulloh Mosque Participant will be grouped into 10 group to listen the testimony from local community
14.15-15.15	60	Return to Balai Meuseraya Aceh + Coffee Break

Day 4 Morning: Plenary Session 7

Session 7		Contributions of TEWS to global initiatives
09.00-10.50	110	Chair Sessionr: Mr. Tony Elliot and Dr. Andi Eka Sakya; Rapporteur: Prof. Richard Haigh
	40	a. Panel on MHEWS & EW4ALL
09.00-09.10		1. Mr. Ben Churchil (WMO) – 10 min
09.10-09.20		2. Mr. Vijay Ummidi (FRC) – 10 min
09.20-09.30		3. Mr. Amin Riaz (ITU) – 10 min
09.30-09.40		4. Mr. Marco Toscano Rivalta (UNDRR) – 10 min
09.40-09.50	10	b. SDGs & COP28 & SFDRR: Mr. Marco Toscano Rivalta (UNDRR)
09.50-10.00	10	c. UN Ocean Decade: Dr. Srinivasa Kumar Tummala
10.00-10.15	15	Q and A for topic b and c
10.15-10.25	10	d. Synergies between the UNESCO IOC Tsunami Ready and the WMO Weather Ready Nations programs: Dr. Laura Kong
10.25-10.35	10	e. MCR2030 (Mainstreaming DRR into Urban Planning): Prof Dilanthi Amaratunga
10.35-10.50	15	Q and A for topic d and e
10.50-11.00	10	Coffee Break

Dress Code: Smart Casual

Each chair session must develop brief summaries

Day 4 Morning: Plenary Session 8

Session 8		Wrap up/Synthesis/Way Forward
11.00-12.10	80	Chair Session: Dr. Harkunti P. Rahayu and Mr. Yuji Nishimae; Rapporteur: Bernardo Aliaga
	50	a. Round Table Discussion on Way Forward
11.00-11.10	10	1. TOWS-WG Chair
		2. ICG Chairs:
11.10-11.20	10	a. Prof. Dwikorita Karnawati
11.20-11.30	10	b. Mr. Yuji Nishimae
11.30-11.40	10	c. Dr. Alessandro Amato
11.40-11.50	10	d. Mr. Gerard Metayer
11.50-12.20	30	b. Contributions to an outcome document, drawing upon achievements, gaps, challenges, and priorities from each session, including pre-event, Ignite stage and posters _ by the Team of Drafting the Banda Aceh Recommendation
12.20-13.30	70	LUNCH

Dress Code: Smart Casual

Each chair session must develop brief summaries

Day 4 Afternoon: Closing Ceremony

Dress Code: Smart Casual

Closing Ceremony		
13.30-13.40	10	a. Indigenous Story-Teller
13.40-13.50	10	b. Hand-over prize to the Indian Ocean Youth Tsunami Conversation and Campaign (IOYTCC) winners (4 Indian Ocean regions)
13.50-14.00	10	c. Winner announcement for best poster presentation
14.00-14.10	10	d. Winner announcement for school children art/drawing competition
		e. Closing Remark:
14.10-14.20	10	1. Representative of the Local Government (City Major)
14.20-14.30	10	2. Government of Indonesia
14.30-14.40	10	f. Banda Aceh Statement (in one powerful sentence) presented by Chair of Steering Committee
14.40-14.50	10	g. Representative of the Government (Official Close of the event)
14:50		Press Conference

Etiquette & Useful Tips during Symposium

Etiquette & Useful Tips

Aceh has strong cultural and religious traditions, with a special emphasis on **Peumulia Jamee**, or "**honoring guests**". This tradition reflects the Acehnese people's deep-rooted hospitality and their appreciation for visitors who show respect for their way of life. Small adjustments to your behavior can make a big difference in expressing this respect. Here are some helpful tips on how to "blend in" and show respect:

- **Body Language:** Avoid placing your hands on your hips, as this can be seen as a sign of anger or arrogance.
- **Foot Etiquette:** Do not point your feet towards others; showing the soles of your feet is considered rude.
- **Passing Items:** Instead of throwing objects to someone, it's more polite to hand them over directly, even if it means moving closer to the person.
- **Touching Norms:** Same-gender physical contact, like men touching men or women touching women, is normal. However, touching between the opposite sexes in public is rarely done.
- **Entering Homes:** Remove your shoes when entering a home.
- **Timing Visits:** Avoid visiting Muslim homes during prayer times.
- **Using the Right Hand:** Always use your right hand when giving or receiving items, and when eating.
- **Dress Code:** Your attire significantly affects how you're perceived. Dressing appropriately can earn you respect and better service.

·In government offices, wear long trousers, a collared shirt, and shoes to convey respect.

·Aceh is a province in Indonesia with rich Muslim traditions. We encourage participants to respect these customs, one of which suggests that women wear a headscarf.

091024: Registered Participants 387 participants – expected will be 500 participants by November (from Pre-event)

- 400 Participants
- 54 Countries



List of Countries' Participants

Asia – Africa

1. Indonesia
2. Afghanistan
3. Australia
4. Bangladesh
5. Bharat
6. Brunei Darussalam
7. Cameroon
8. China
9. DR Congo
10. Hongkong (China)
11. Haiti
12. India
13. Iran
14. Japan
15. Madagascar
16. Malaysia
17. Mauritius
18. Morocco
19. Myanmar
20. Nepal
21. New Zealand

Asia – Africa

22. Nigeria
23. Oman
24. Pakistan
25. Republic South Korea
26. Russia
27. United Arab Emirates

Europa, Pacific, North-America and South America

1. United Kingdom
2. United States of America
3. Türkiye
4. Spain
5. Italy
6. France
7. Germany
8. Greece
9. Chile
10. Haiti
11. Puerto Rico
12. Portugal
13. Sierra Leone
14. Solomon Island
15. Barbados
16. Costa Rica
17. Norway



Thank you ...