



**unesco**

Intergovernmental  
Oceanographic  
Commission

INTERGOVERNMENTAL  
OCEANOGRAPHIC COMMISSION OF  
UNESCO

# FIRST CONFERENCE OF THE OCEAN DECADE TSUNAMI PROGRAMME (ODTP)

Building Resilient Coasts:  
Accelerating Actions to ODTP Challenge 6

10-11 November 2025, Hyderabad, India

---

## 1.0 BACKGROUND

At its 31<sup>st</sup> session, the IOC Assembly established the “Ocean Decade Tsunami Programme” and its Scientific Committee (SC-ODTP) by [Decision A-31/3.4.1](#). The SC developed the 10-Year Research, Development and Implementation Plan for the Ocean Decade Tsunami Programme which was presented and endorsed at the 32<sup>nd</sup> session of the IOC Assembly in June 2023. The SC has an advisory role to TOWS-WG for the duration of the Ocean Decade Tsunami Programme. The ODTP-SC has met 5 times since its establishment. At the [5th ODTP-SC](#) held in Paris, 16-17 January 2025 members agreed to collaborate on conferences addressing both the ODTP’s high-level objectives alongside the IAPSO/IASPEI/IAVCEI Joint Tsunami Commission (JTC) International Tsunami Symposium (ITS) in Hyderabad, scheduled for November 12–14, 2025. During the TOWS -XVIII meetings, it was decided to organize the first ODTP Conference in Hyderabad alongside the IUGG-JTC event, hosted by INCOIS, with a focus on advancing both ODTP’s high-level objectives (see 4.3).

The TRS has organized several activities and events related to the Ocean Decade Tsunami Programme (ODTP). These include a side event on Coastal Cities and Communities joining Tsunami Ready at the 2024 Ocean Conference in Barcelona and another on strengthening coastal resilience at the Fifty-seventh IOC Executive Council session. The events aimed to highlight progress, discuss challenges, and strategize actions to enhance coastal resilience against hazards like tsunamis and sea level rise. They also aligned with ODTP research recommendations, fostering collaboration with the Decade Coordination Unit (DCU) and encouraging Member States to submit coordinated actions for future Ocean Decade calls.

The first Conference of the ODTP offers a pivotal opportunity to unite the TEWS and coastal resilience communities within the framework of Ocean Decade Challenge 6 and the Ocean Decade Tsunami Programme, with a strong emphasis on coastal hazards, particularly tsunamis. The primary goal is to foster collaboration, strengthen connections, and co-design strategic pathways for the future.

To date, the Ocean Decade Unit (ODU) has endorsed over 20 ODTP-related actions. The leads of these ODTP actions, along with other interested stakeholders supporting or engaged in the ODTP, will be invited to participate in the first ODTP Conference (see 5.0 on expected participants). The conference will provide an opportunity to serve as a vital platform for networking and collaboration.

## 2.0 OBJECTIVES

The event will

- i. Review the endorsed ODTP related actions and their progress
- ii. Showcase how are ODTP actions contributing to challenge 6 on coastal community
- iii. Share knowledge and experiences
- iv. Identify gaps, challenges, priorities and opportunities to implement the ODTP-RDI.
- v. Energize and accelerate actions to contribute to the ODTP, challenge 6 on increasing coastal resilience.
- vi. Propose new actions, and way forward, especially in support for SIDS and LDCs
- vii. Identify how to enhance coordination, collaboration, cooperation, partnerships among ODTP actions and other similar initiatives.

### 3.0 PRINCIPLES GUIDING THE FIRST ODTP CONFERENCE PREPARATIONS

- Ocean Decade Tsunami endorsed actions and stakeholder interest in the programme
- Coherence with global agendas including OD challenge 6, EW4ALL Sendia Framework for DRR Target G;
- Multi-stakeholder approach;
- Focus on those most at risk and ensuring that no one is left behind;
- Interactive, innovative, scientific-based and impact-focused;
- Inclusion and accessibility;
- Gender equality and the promotion of women's agency and leadership.

### 4.0 CONFERENCE STRUCTURE

The ODTP Research Development and Implementation Plan is organized around five key pillars. However, the first ODTP Conference will focus on the ODTP two High Level Objectives (HLO):

- 1. To develop the warning systems' capability to issue actionable and timely (<10 min) tsunami warnings for tsunamis from all identified sources to 100% of coasts at risk.**
- 2. 100% of communities at risk be prepared and resilient to tsunamis by 2030 through programmes like the IOC-UNESCO Tsunami Ready Recognition Programme (TRRP).**

**Day 1** will focus on both High-Level Objectives. It will start with an opening segment followed by two high level talks on each ODTP High Level Objectives. It will follow with several presentations focused on HLO 1 and then HLO 2 in the afternoon.

**Day 2** will focus on broader issues and objectives to trigger and support the ODTP RDI. A SIDS session followed by a round table discussion/panel are also planned to effectively engage experts participants and partners on key issues with the aim of driving new actions forward.

Additionally, the conference will pay attention to the outcome [summary report](#) of the 2nd UNESCO-IOC Global Tsunami Symposium: Two Decades After the 2004 Indian Ocean Tsunami: Reflection and the Way Forward and the external evaluation report of the Ocean Decade to identify how to further advance actions, collaboration and partnerships.

## 5.0 Agenda of the First Conference of the Ocean Decade Tsunami Programme (ODTP)

### Venue:

Auditorium Indian National Centre for Ocean Information Services (INCOIS)  
Ministry of Earth Sciences, Govt of India  
"Ocean Valley", Pragathi Nagar (BO), Nizampet (SO)  
Hyderabad 500 090  
Talangana, India

**Date:** 10 – 11 November 2025

<b>DAY 1</b>	<ul style="list-style-type: none"> <li>- Opening Ceremony</li> <li>- High-Level Talks on ODTP High Level Objectives</li> <li>- <b>Session 1:</b> ODTP High-Level Objective 1 (HLO 1)</li> <li>- <b>Session 2:</b> ODTP High-Level Objective 2 (HLO 2)</li> </ul>
<b>DAY 2</b>	<ul style="list-style-type: none"> <li>- <b>Session 2:</b> ODTP High-Level Objective 2 (HLO 2) (Con't)</li> <li>- <b>Session 3:</b> Tools &amp; Instruments to Support ODTP Implementation</li> <li>- <b>Session 4:</b> SIDS Panel Discussion</li> <li>- <b>Session 5:</b> Round Table Dialogue</li> <li>- <b>Session 6:</b> Synthesis &amp; Way Forward</li> <li>- Closing</li> </ul>

Event	Title	When, Where?
<b>Side Event</b>	Side Event to Launch Makran Phase 3 Project at the ODTP Conference (UNESCO-IOC / IOTWMS and UNESCAP) and results of the IOTWS and PTWS Capacity Assessment of Tsunami Preparedness	<b>10 November, 12:30-13:30</b> at Lunch Break, INCOIS Auditorium
<b>Side Meeting</b>	JTF India SMART Cable ( <a href="#">Ceci Rodriguez Cruz</a> , <a href="#">Balakrishnan Nair</a> , <a href="#">Srinivas Kumar</a> , <a href="#">Juan Jose Dañobeitia</a> )	<b>10<sup>th</sup> November</b> , 17:00-18:00, ITCOOcean Conference Room INCOIS
<b>Other Activities</b>	INCOIS Visit (Two Groups-Half lunch (canteen) while other half visit-rotate)	<b>11 November, 12:30-14:30</b> at Lunch Break
	Dinner	10 November, 19:00hrs

## Day 1 – Monday, 10 November 2025

Time (LT)	Session / Activity	Details / Leads
08:30 – 09:00	Arrivals & Registration	
09:00 – 10:00	Opening Ceremony	<b>Inaugural Session</b> <ul style="list-style-type: none"> <li>- Welcome address by <a href="#">Dr T. M. Balakrishnan Nair</a>, Director, INCOIS</li> <li>- Opening Remarks by <a href="#">Dr M. Ravichandran</a>, Secretary, Ministry of Earth Sciences (MoES)</li> <li>- Opening Remarks by <a href="#">Prof. Harsh K. Gupta</a>, Emeritus Professor, NGRI</li> <li>- Address by Guest of Honor <a href="#">Prof. Yuichiro Tanioka</a>, Chair, Joint Tsunami Commission (JTC), IUGG &amp; Emeritus Professor, Hokkaido University, Japan</li> <li>- Address by Chief Guest <a href="#">Mr. Vidar Helgesen</a>, IOC Executive Secretary</li> <li>- Honoring the Guests with INCOIS Memento and Shawl</li> <li>- Vote of Thanks by <a href="#">Dr. Denis Chang Seng</a></li> </ul>
10:00 – 11:00	High-Level Talks on ODTP High Level Objectives	<b>MODERATOR: <a href="#">BERNARDO ALIAGA</a></b> <ul style="list-style-type: none"> <li>- <b>HLO 1</b> – <a href="#">Bill Fry</a> (GNS Science)</li> <li>- <b>HLO 2</b> – <a href="#">Harkunti Pertiwi Rahayu</a> (Chair, TT DMP)</li> </ul>
11:00 – 11:30	Tea Break	
11:30 – 12:30	Session 1: High-Level Objective 1 (HLO 1)	<b>12 min each PPT+ 3 min discussion</b> <b>Moderator: <a href="#">YUICHIRO TANIOKA</a> / <a href="#">YUTAKA HAYASHI</a> (back up)</b>
	- <b>PTHA/PTF and Knowledge Transfer</b>	<ul style="list-style-type: none"> <li>- GTM: Co-creating strategies for tsunami resilience - How the Global Tsunami Model Association will help in knowledge and technology transfer (<a href="#">Joern Behrens</a>)</li> <li>- GTM /Landslide assessment (<a href="#">Finn Løvholt</a>)</li> </ul>
	- <b>Observation [Part 1]</b>	<ul style="list-style-type: none"> <li>- SMART Cables: Tsunami and Earthquake Early Warning with Dual-Purpose Telecom Infrastructure (<a href="#">Ceci Rodriguez Cruz</a>)</li> <li>- The Nippon Foundation-GEBCO Seabed 2030 (<a href="#">Steve Hall</a>)</li> <li>- New Deep-Sea Buoys Installed in the Ionian Sea and the Deep Cabled Observatory and Progress on the SMART Cables Pre-Recorded PPT (<a href="#">Alessandro Amato</a>)</li> </ul>
12:30 – 14:30	<b>Lunch Break</b> <ul style="list-style-type: none"> <li>- Side Event to Launch Makran Phase 3 Project at the ODTP Conference (UNESCO-IOC / IOTWMS and UNESCAP)</li> <li>- Results of the IOTWS and PTWS Capacity Assessment of Tsunami Preparedness</li> </ul>	
14:30 – 16:00	Session 1 (cont.): High-Level Objective 1 (HLO 1)	<b>12 min each PPT+ 3 min discussion</b>

Time (LT)	Session / Activity	Details / Leads
		<i>Moderator: JUAN JOSE DANOBEITIA / YUTAKA HAYASHI (back up)</i>
	- <b>Observation [Part 2]</b>	<ul style="list-style-type: none"> <li>- BOM: Sea level observation and monitoring (<a href="#">Yuelong Maio</a>)</li> <li>- Monitoring high-frequency sea level fluctuations in coastal regions of Ukraine (<a href="#">Alexander Matygin</a>)</li> <li>- Tsunami detection on standard telecom cables (<a href="#">Mikael Mazur</a>)</li> </ul>
	- <b>Forecasting and Warning</b>	<ul style="list-style-type: none"> <li>- Global Real-Time Early Alarm for Tsunami (Great) (<a href="#">Usama Kadri</a>)</li> </ul>
	- <b>Tools</b>	<ul style="list-style-type: none"> <li>- Development of Comprehensive Tsunami Software (<a href="#">Toshitaka Baba</a>)</li> </ul>
	- <b>Services</b>	<ul style="list-style-type: none"> <li>- EPOS Thematic Core Services (<a href="#">Andrey Babeyko</a>)</li> </ul>
16:00 – 16:30	Tea Break	
16:30–18:00	<b>Session 2: High-Level Objective 2 (HLO 2)</b>	<b>12 min each PPT+ 3 min discussion</b> <i>Moderator: HARKUNTI PERTIWI RAHAYU /ARDITO KODIJAT</i>
	- <b>Hazard, Risk Management</b>	<ul style="list-style-type: none"> <li>- NEAM-Commitment (<a href="#">Marinos Charalampakis</a>)</li> </ul>
	- <b>Community Response &amp; Exercises</b>	<ul style="list-style-type: none"> <li>- CoastWAVE: Scaling up community engagement and exercise (<a href="#">Denis Chang Seng</a>)</li> <li>- Tsunami &amp; Climatic Risk Reduction at Protected Areas in Costa Rica (<a href="#">Silvia Chacon-Barrantes</a>)</li> </ul>
	- <b>Technology and Inclusiveness</b>	<ul style="list-style-type: none"> <li>- ODTP Actions supporting people-centred tsunami early warning systems in the Indian Ocean region (<a href="#">Balakrishnan Nair/ Fatemeh Jalayer</a>)</li> <li>- USA: Integration of the Blind and Visually Impaired in Tsunami Warning Services (<a href="#">Christa von Hillebrandt-Andrade</a>)</li> <li>- /<a href="#">Glorymar Gomez</a></li> <li>- . (Pre-Recorded PPT/<a href="#">Harkunti Rahayu</a> to support PPTN /Discussion (Tech / Disability)</li> </ul>
19:00 ?	DINNER KINDLY OFFERED BY INCOIS TO ALL PARTICIPANTS	

## Day 2 – Tuesday, 11 November 2025

Time (LT)	Session / Activity	Details / Leads
09:00 – 10:00	<b>Session 2 (cont.): HLO 2</b>	<i>Moderator: DENIS CHANG SENG/ ARDITO KODIJAT</i>
	<ul style="list-style-type: none"> <li>- <b>Tsunami Ready and Preparedness</b></li> </ul>	<ul style="list-style-type: none"> <li>- Tsunami Ready in the Caribbean (<a href="#">Silvia Chacon</a>)</li> <li>- Tsunami Ready in the Pacific (<a href="#">Juita Korovulavula</a>)</li> <li>- Tsunami Ready in IO (<a href="#">Suci Dewi Anugrah Anugrah</a>)</li> <li>- Tsunami Ready in Büyükçekmece and Izmir, Türkiye (NEAM) (<a href="#">Didem Cambaz and Ahmet Yalciner</a>)</li> </ul>
	<ul style="list-style-type: none"> <li>- <b>Critical Infrastructures</b></li> </ul>	<ul style="list-style-type: none"> <li>- Sustain: Tsunami Resilient Critical Infrastructure (<a href="#">Harkunti Pertiwi Rahayu</a>)</li> </ul>
	<b>Session 3: Tools &amp; Instruments to Support ODTF Implementation</b>	<i>Moderator: SUNANDA MANNEELA / ARDITO KODIJAT</i>
	<ul style="list-style-type: none"> <li>- <b>Tsunami Ready Toolkit and Automation</b></li> </ul>	<ul style="list-style-type: none"> <li>- Tsunami Ready Toolkit (<a href="#">Ardito Kodijat</a>)</li> </ul>
	<ul style="list-style-type: none"> <li>- <b>Training/Capacity Development</b> (Role of Cat 2 Centers, OTGA, STCs &amp; TICs in implementation of the ODTF.</li> </ul>	<ul style="list-style-type: none"> <li>- <a href="#">Ardito Kodijat</a></li> </ul>
	<ul style="list-style-type: none"> <li>- <b>Impact Forecast</b></li> </ul>	<ul style="list-style-type: none"> <li>- Real Time Tsunami Impact Forecast (<a href="#">Shunichi Koshimura</a>). <i>Recorded PPT</i></li> </ul>
	<ul style="list-style-type: none"> <li>- <b>Sectorized EWS</b></li> </ul>	<ul style="list-style-type: none"> <li>- Sectorized EWS -Coastal Block (<a href="#">Carlos Zuniga</a>)</li> </ul>
11:00 – 11:30	Tea Break	
11:30 – 12:30	<p><b>Session 4: Strengthening Tsunami Resilience in Small Island Developing States (SIDS): Gaps, Priorities, and Partnerships</b></p> <p><i>The aim is to identify 2-3 key gaps and needs and propose new projects opportunities and partnerships to secure SIDS full engagement with ODTF e.g. observation gaps. PTWS-Optimal Obser Network.</i></p>	<p>Organizers: SRINIVASA KUMAR, ARDITO KODIJAT, JUITA KOROVULAVULA &amp; DENIS CHANG SENG</p> <ul style="list-style-type: none"> <li>- <a href="#">Hussain Waheed</a>, Maldives</li> <li>- <a href="#">Chathura Liyanaarachchige</a>, Sri Lanka</li> <li>- <a href="#">John Niroa</a>, Vanuatu (TBC)</li> <li>- <a href="#">Alexander Rilifia</a>, Solomon Islands (TBC)</li> <li>- <a href="#">Temily Baker</a>, ESCAP</li> <li>- <a href="#">Soojin Bang</a>, UNDP</li> <li>- <a href="#">Shivraj Dhuppe</a>, IORA</li> <li>- <a href="#">Bernardo Aliaga</a>, UNESCO-IOC</li> </ul>

Time (LT)	Session / Activity	Details / Leads
12:30 – 14:30	Lunch Break VISIT INCOIS	
14:30 – 16:00	<p><b>Session 5: Round Table Dialogue</b></p> <p><b>Towards 2030 Tsunami Resilience: Optimizing Observations and Empowering At-Risk Communities</b></p> <p>-</p>	<p><i>Moderator/Back up:</i></p> <ol style="list-style-type: none"> <li><b>HLO1</b> – CARLOS ZUNIGA / JOERN BEHRENS</li> <li><b>HLO2</b> – SILVIA CHACON / IRINA RAFLIANA</li> </ol> <p><i>Proposed Panel Members</i></p> <p><b>HLO1</b></p> <ol style="list-style-type: none"> <li>Bill Fry</li> <li>Steve Hall</li> <li>Toshitaka Baba</li> <li>Andrey Babeyko</li> <li>John Niroa (Vanuatu, PAC SIDS)</li> </ol> <p><b>HLO2</b></p> <ol style="list-style-type: none"> <li>Marinos Charalampakis</li> <li>Irina Rafliana</li> <li>Silvia Chacon-Barrantes</li> <li>Doreen Lugemalila Ikula (Seychelles, IO SIDS)</li> </ol>
16:00 – 16:30	Tea Break	
16:30 – 17:30	<p><b>Session 6: Synthesis &amp; Way Forward</b></p>	<p>Moderator: <i>BILL FRY/ YUELONG MIAO</i></p> <p>Reports from session leads/moderators</p> <ul style="list-style-type: none"> <li>- <b>SESSION 1:</b> CARLOS ZUNIGA, YUICHIRO TANIOKA &amp; JUAN JOSE DANOBEITIA</li> <li>- <b>SESSION 2:</b> HARKUNTI PERTIWI RAHAYU, DENIS CHANG SENG &amp; ARDITO KODIJAT</li> <li>- <b>SESSION 3:</b> SUNANDA MANNEELA AND ARDITO KODIJAT</li> <li>- <b>SESSION 4:</b> SRINIVASA KUMAR /ARDITO KODIJAT, DENIS CHANG SENG /JUITA KOROVLAVULA, IORA</li> <li>- <b>SESSION 5:</b> CARLOS ZINIGA &amp; SILVIA CHACON</li> </ul>



Time (LT)	Session / Activity	Details / Leads
		<p><i>*One lead to present</i></p> <p>To provide feedback, key outcomes and new actions for advancing ODTP &amp; Challenge 6</p>
17:30-18:00	<b>Closing (15-30 min)</b>	<p>Conference concludes</p> <p><i>Balakrishnan Nair (INCOIS Director)</i></p> <p><i>Partners</i></p> <p><i>Denis Chang Seng (IOC TSR/ODTP)</i></p>