



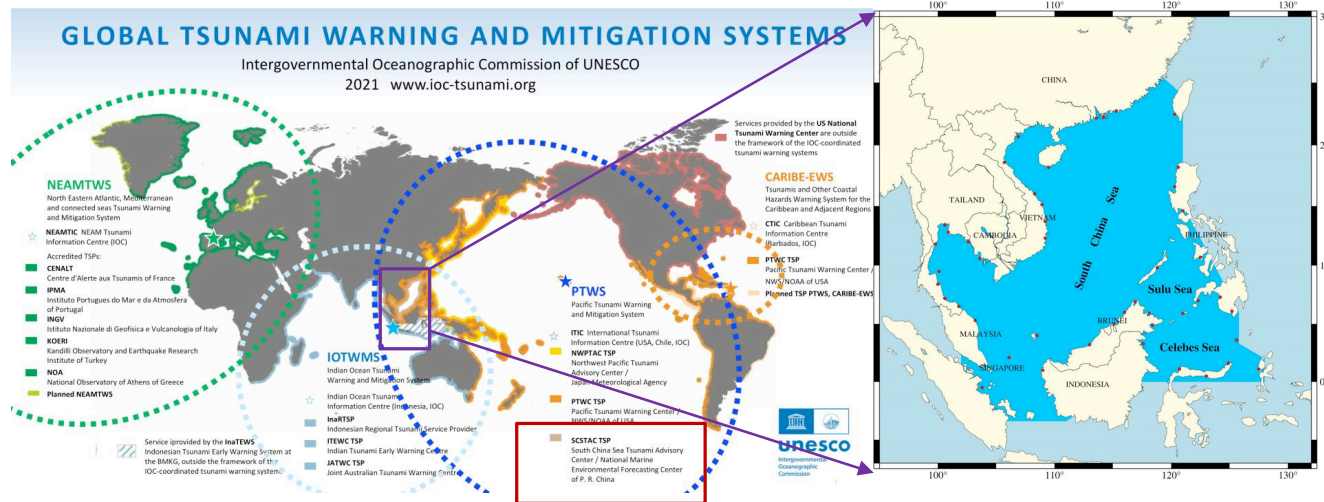
REVIEW OF DECISIONS, RECOMMENDATIONS AND ACTIONS ARISING FROM ICG/PTWS WG-SCS-XI MEETING

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South China Sea Working Group ICG/PTWS

12th MEETING OF THE ICG/PTWS REGIONAL WORKING GROUP ON TSUNAMI
WARNING AND MITIGATION SYSTEM IN THE SOUTH CHINA SEA

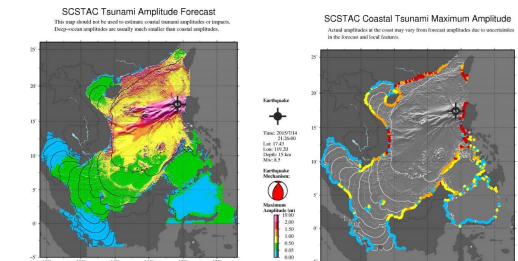
1. SCS Tsunami Warning and Mitigation System

1.2 UNESCO's IOC SCSTAC



Tsunami Advisory Products

- Text messages
- Graphical Products



The Area of Service (AoS) for the SCSTAC specified by ICG/PTWS embraces all coasts of the South China Sea, and the adjacent Sulu Sea and Celebes Sea, separated by Palawan and Sulu Archipelago from north to south respectively. Nine Member States of the SCS region include **Brunei, Cambodia, China, Indonesia, Malaysia, Philippines, Singapore, Thailand, and Vietnam** (in alphabetic order).



The South China Sea Tsunami Advisory Center (<http://scstac.oceanguide.org.cn>) has been in full operation since November 5th, 2019.

11th Meeting of the SCS Working Group of the ICG/PTWS

Offline Meeting

Guangzhou, 25-27 September 2023

Participants: 15 participants from China, Indonesia, Malaysia, Vietnam, Secretariat



Government of the SCS WG

- **Recalling** that the Thirtieth Session of the Intergovernmental Coordination Group for the Pacific Tsunami Warning and Mitigation System (ICG/PTWS-XXVIII):
 - **Decided** to continue the Regional Working Group on Tsunami Warning and Mitigation System for the South China Sea Region (ICG/PTWS-WG-SCS, and the Chair and vice-chair to be elected at its eleventh meeting
- **Further Recalling** that the Thirtieth Session of the Intergovernmental Coordination Group for the Pacific Tsunami Warning and Mitigation System (ICG/PTWS-XXVIII):
 - **Decided** to continue the Task Team on Capacity Development and Services (TT-CDS), and the Chair and vice-chair to be elected at its eleventh meeting.

Action Taken

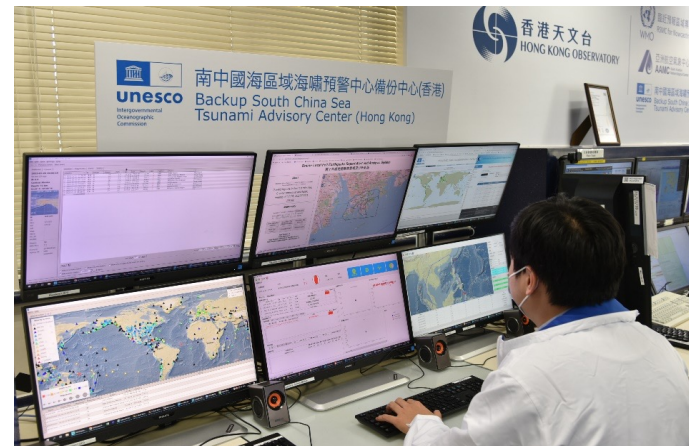
- Election of the new Chair and Vice Chair
Suci Dewi Anugrah (Indonesia), Ching-chi LAM (China)
- Election of the new Chair and Vice Chair of The Capacity Development
Dr Zhigou Xu (China), Indra Gunawan (Indonesia)

SCSTAC and BSCSTAC

- **Acknowledging with appreciation:**
- the satisfactory performance of the SCSTAC, since its full operation starting on 5 November 2019,
- BSCSTAC (Hong Kong), since its full operation on 29 March 2023.

BSCSTAC Activation

- Communication test was performed before the scheduled activation
- Switchover procedure laid down at ICG/PTWS-WG-SCS-X was followed.
Messages were issued:
- BSCSTAC will gradually increase the scheduled activation up to 2.4 months per year.



Tsunami Ready Recognition Programme (TRRP) and MHEWS

Noting

- SFDRR 2015–2030: access to MHEWS and disaster risk information and assessments to people by 2030 to contribute to the EW4All
- IOC Decision A-31/3.4.1 on Warning Mitigation Systems for Ocean Hazards approved the Ocean Decade Tsunami Programme
- OC Decision A-32/3.4.1 on Warning Mitigation Systems for Ocean Hazards decided the 10-Year Research, Development and Implementation Plan of the Ocean Decade Tsunami Programme

Encourages the Member States to implement the IOC-UNESCO TRRP or similar activities for vulnerable communities, to meet the UN Ocean Decade Tsunami Programme goal of 100% at-risk communities resilient and prepared for tsunamis by 2030, and contribute to the activities of the ICG/PTWS WG3 Task Team on Tsunami Ready established at the thirtieth Session of the ICG/PTWS in Tonga, 2023

Action Taken:

- Promoting the Tsunami Ready program on the 11th meeting of SCS WG
- Plan to conduct online and offline training of the Tsunami Ready coordinated by the Capacity Development Task Team
- Plan to Pilot the TRRP in the SCS region
- Supports the proposal of China to establish a MHEWS for the SCS region

Seismic And Sea Level Stations

Recognizes the paucity of seismic and sea level stations close to the major tsunami sources within the SCS region available to the South China Sea Tsunami Warning and Mitigation System;

Encourages the Member States of the WG-SCS to share more seismic and sea level stations for tsunami warning purposes in accordance with the IOC Oceanographic Data Exchange Policy to further enhance the tsunami warning capability in the South China Sea region, especially for the Sulu Sea, Celebes Sea and North Borneo;

Communication Test

- Agrees and supports the quarterly communication tests (CTs) by SCSTAC, tentatively on the first day of each quarter with the last test of the year to be conducted by BSCSTAC (Hong Kong) before its commencement of scheduled operation, with an announcement by the IOC Secretariat to WG-SCS Member States through a circular letter before the effective and efficient use of online survey tools (links) embedded/included in the CT message itself to collect feedback for the CTs

Action Taken:

- SCSTAC has conducted 4 communications tests since Sep. 2023
- Quarterly communication tests exercises by SCSTAC, on the first day of each quarter with the last test of the year to be conducted by BSCSTAC (Hong Kong)



Fax



GTS

The International Staff Programme

- Welcomes SCSTAC's proposal to continue with the International Staff Programme to host seconded experts from the Member States of the WG-SCS in 2024, with the travel and local expenses covered by SCSTAC, and requests the IOC secretariat to make an announcement to all Member States' TNCs, TWFPs and NTWCs of WG-SCS on this matter;

Action Taken:

- The SCSTAC continues International Secondment Programme with full funding by hosting 3 experts from SCS-WG Member States from Jul. to Sept. 2024 for a two-month period.
 - Mr. Mohammad Obie Restianto from BMKG of Indonesia,
 - Mr. Bhenz Rodriguez from PHIVOLCS of the Philippines
 - Mr. Yip Weng Sang from MMD of Malaysia.



Update Information

- Requests the Member States of the WG-SCS to regularly update information on National Tsunami Warning Center (NTWC), Tsunami National Contacts (TNC) and Tsunami Warning Focal Points (TWFP) with IOC Secretariat following the established procedures, and further encourages the Member States to make use of centralized/institutional e-mail addresses as an internal e-mail list to efficiently accommodate changes to the responsible persons for receiving tsunami messages.

Training

- Agrees to conduct an online Training Workshop on Tsunami Warning Technology and Platforms in late 2023 or early 2024 at the kind invitation of SCSTAC and NMEFC, China;

□ International Training Course on Numerical Tsunami models for the South China Sea Region (Hybrid)

Hosted by the Intergovernmental Oceanographic Commission (IOC) and the National Marine Environmental Forecasting Center (NMEFC), about 100 people from Indonesia, Malaysia, the Philippines, Vietnam, Tonga, China and other countries.



□ Management and operation seminar on seismic station for tsunami warning services

Hosted by the National Marine Environmental Forecasting Center (NMEFC), domestic technicians from Marine bureaus, central stations, ocean observation stations et al..



Role of the SCS WG

- Recalling that Mr Dakui Wang (China) was elected Chair of WG-SCS at the 29th Session of ICG/PTWS (online), 2021, and elected Vice Chair of ICG-PTWS at its 30th Session, Tonga, 2023;
- Take active in the ITIC Training Program (Hawaii) in 2023;
- Attend the ICG/PTWS-XXX hosted by Tonga in 2023;
- Attend the SC the ICG/PTWS in Hawaii, September 2024



Meetings of the SCS WG ICG/PTWS

- Accepts with appreciation; Indonesia to host the 12th Meeting of the Regional Working Group on Tsunami Warning and Mitigation System for the South China Sea Region in 2024 back-to-back with the International Tsunami Symposium 2024 in Banda Aceh to commemorate the 20th Indian Ocean Tsunami.
- The Group welcomes the possibility of Malaysia for hosting the Thirteenth Meeting of the Regional Working Group on Tsunami Warning and Mitigation System for the South China Sea Region in 2025.
- The Group also welcomes the possibility of China to host the Fourteenth Meeting of the Regional Working Group on Tsunami Warning and Mitigation System for the South China Sea Region in 2026 in Hong Kong.
- The 31st of the ICG/PTWS, on 7-11 April 2025, in Beijing

The 12th meeting participated by China, Brunei, Indonesia, Malaysia, Philipines, Vietnam (online)



Thank You

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WARNING AND MITIGATION SYSTEM IN THE SOUTH CHINA SEA