



Seychelles

Webinar: Lessons Learnt during Exercise IOWave 2025

16 - 17 December 2025

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Scenarios Exercised



Sunda Trench (25 Sept)



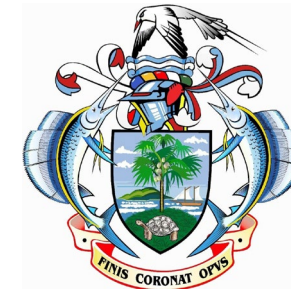
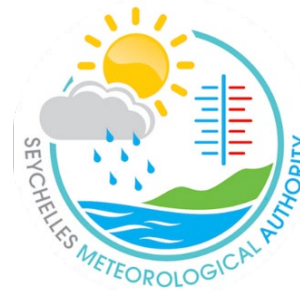
Makran Trench (15 Oct)



Fani Maore Volcano (25 Oct)



Sumatra Trench (05 Nov)



Exercise Participants

Exercise type: National-level tabletop (communications only)

Participants: Technical, duty & communications officers

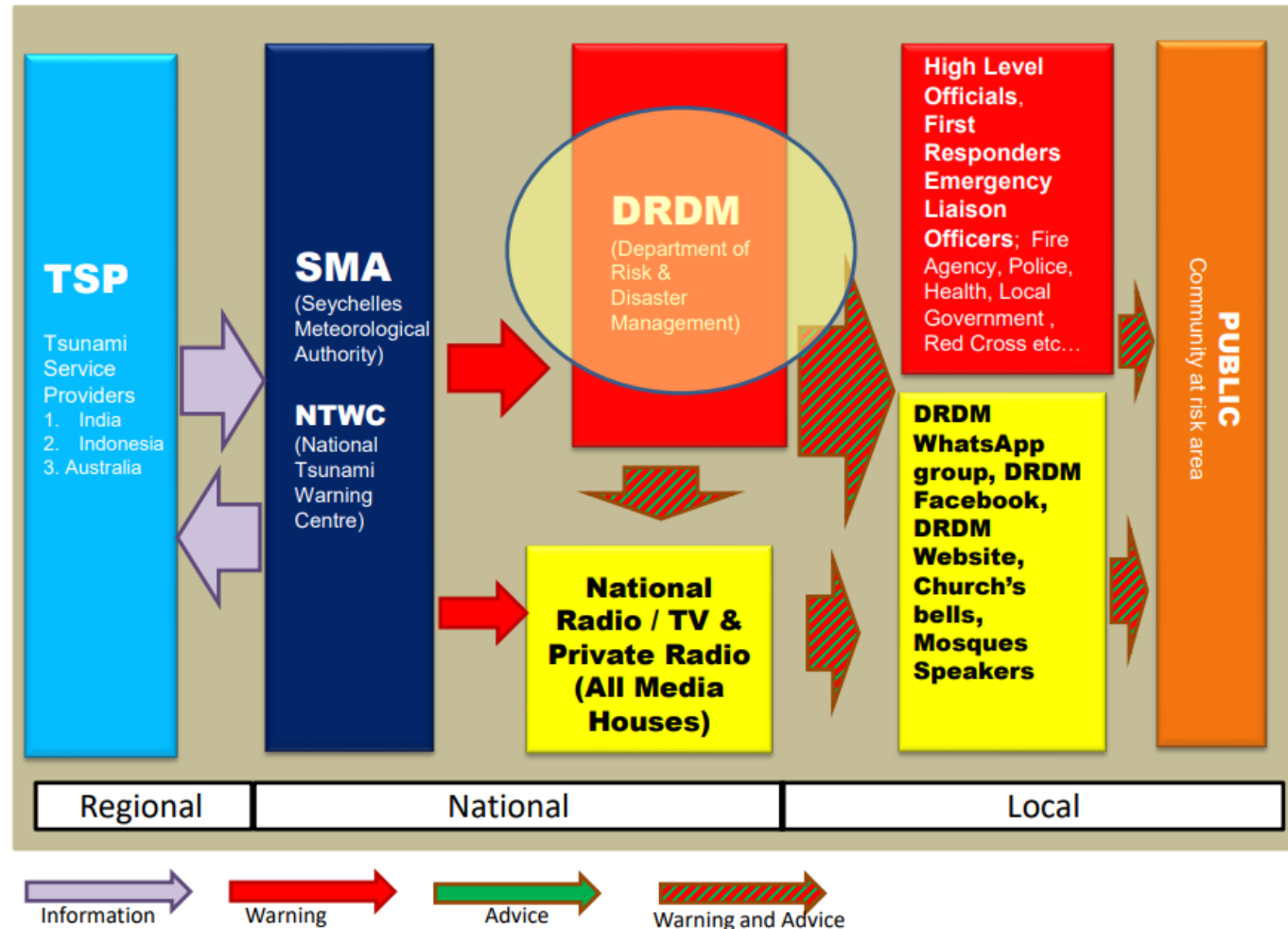
Sectors represented

- **National warning & coordination** – Seychelles Meteorological Authority (NTWC)
National Emergency Operation Centre (NEOC)
- **Emergency services** – Police, Fire, Health
- **Government & public services** – Local Government, Education, IDC
- **Tourism & Media**

No direct community participation: The exercise focused on testing the communication procedures for entities within the Tsunami Warning Chain.

Future focus: Finalise communications SOPs for TWC entities, and expand future IOWAVE exercises to include communities, schools & vulnerable groups.

National Tsunami Warning & Mitigation System



- No formal structural changes were made to the national warning chain during IOWAVE25.
- The exercise clarified roles, responsibilities, and communication pathways within the existing chain.
- IDC was invited to participate to validate inclusion in the TWC due to its mandate for outer islands.
- Post-exercise analysis will inform any future adjustments to the national TWC.

Support to communities to get prepared

- Seychelles supports community preparedness mainly through national public awareness activities led by DRMD.
- Awareness includes dissemination of educational materials, regional exercises, and tsunami messaging integration into multi-hazard initiatives.
- Schools are also engaged through basic disaster risk education curriculum.
- IOWAVE25 lessons will be used to further inform the Tsunami Ready Recognition Programme efforts and community-level preparedness.

National Organisation of Exercise IOWave25



- NCC planned the exercise through:
 - Bi-weekly meetings
 - Development of injects based on scenario and agencies
 - Working session guiding agencies to draft and align tsunami-communication SOPs within the TWC.
- The national TTx was conducted in-person via a paperless, digital message-based format.
- Agencies exchanged injects and messages, testing tsunami warning dissemination, inter-agency coordination, and communication flows.

National Organisation of Exercise IOWave25



- The exercise was evaluated via:
 - customised observer forms for each agency
 - review of all digital message exchanges and inject responses
 - facilitated hot debrief
- The exercise will inform UNESCO-IOC Tsunami Ready indicators, especially institutional coordination and warning dissemination.

What Worked Well?

- Strong engagement by the agencies in a simulated high-pressure, high workload environment exercise.
- Digital, paperless tabletop format enabling full message traceability and chronological reconstruction of each entity's timeline.
- The TTx exposed gaps and issues in SOPs and coordination, which can inform SOP development and Tsunami Warning Chain improvements.

Areas for Improvement

- Incomplete or non-existent SOPs for several agencies, whilst existing SOPs do not align within the Tsunami Warning Chain.
- Inconsistent coordination patterns between agencies, with unclear roles and responsibilities.
- Need for clearer delegation of authority, staff rotations, and continuity.

How Can More At-Risk Communities Be Involved?

- Conduct community-level drills/exercises in coastal districts, progressing towards functional and full-scale exercises.
- Integrate schools, elderly care facilities, tourism operators, and persons-with-disabilities groups etc. into exercises and emergency planning.
- Use public communication drills to test EWS reach and message comprehension at community levels.

Images



Members of NCC delivering injects and monitoring agency performance with observer forms



Participants of IOWAVE25 during TTx

THANK YOU