

CONCEPT NOTE

REGIONAL STANDARD OPERATING PROCEDURE WORKSHOP for NTWCs, DMOs and BROADCASTING MEDIA IN THE TSUNAMI WARNING CHAIN

UNESCAP TTF-31 Project: “Strengthening Tsunami Early Warning in the North-West Indian Ocean through Regional Cooperation”

31 October – 3 November 2022

BACKGROUND

The Regional Standard Operating Procedure (SOP) Workshop for National Tsunami Warning Centres (NTWCs), Disaster Management Organisations (DMOs) and Broadcast Media to be conducted between 31 October and 3 November 2022 is part of continuous working process of the UNESCAP Project “Strengthening Tsunami Early Warning in the North-West Indian Ocean through Regional Cooperation” since its inception in 2019. The goal is to improve warning services and organize the national warning chains with an end-to-end perspective and SOPs at each step to assure timely warnings and effective community response, with due emphasis on self-protection for near source events.

The project strategy to improve warning chains is built around a working process at the national level in each of the North-West Indian Ocean (NWIO) countries involved. The project has accordingly provided support at the regional level by bringing together high-level representatives from the countries to: a) Highlight the need for the further development of the tsunami early warning system and the related processes in order to cope with near-field tsunamis; and b) Motivate the establishment of

the necessary conditions and responsibilities for the respective national working processes. In addition, the project has been providing technical assistance through a series of regional SOP training/workshops to adapt the national warning chains and SOPs for each link in the chain in each country where necessary. Additional technical assistance has been provided through international experts and national consultants to backstop the National Working Groups to support the working processes in the countries, especially in Iran and Pakistan.

The hereby outlined workshop will bring together representatives of the NTWCs, DMOs at the national (NDMO), provincial (PDMO), and local (LDMO) levels and the Broadcasting Media of the five countries involved in the project to: a) Share progress made since the end of Phase 1 of the project; b) Exchange good practices; and c) Discuss any persisting challenges in developing SOPs along the national tsunami warning chains. The main focus of this current workshop will be on the integration of local DMOs and Broadcast Media in the warning chain through well-coordinated and timeline-driven SOPs to assure the end-to-end functionality of the national warning chain.

The workshop will be conducted in a hybrid mode, including virtual meetings on the regional level combined with national face-to-face meeting in the participating countries.

Following this workshop and at the conclusion of the project's support to the warning chain development in the five partner countries, it is intended to test the developed SOPs in a simulation exercise. For this purpose, a tsunami warning table-top exercise is foreseen to be conducted in November 2022.

OBJECTIVES

Exchange of experiences, sharing of good practices and further work on open issues regarding the SOP development for NTWCs, N/P/LDMOs, and Broadcast Media along the tsunami warning chains in the Makran region through:

- a) Sharing the latest status of the SOP development along the tsunami warning chain in the participating countries
- b) Sharing of good practices and examples, especially for LDMO and Broadcast Media SOPs
- c) Discussing and continuing the work on unresolved issues related to LDMO and Broadcast Media SOP development by the country teams
- d) Outlook on further activities to be undertaken to consolidate the SOPs after the workshop and in order to prepare for the simulation exercise to be held in first quarter 2023
- e) Preparations for the simulation exercise

OVERALL SCHEDULE

The workshop will run over a period of 4 days (31 October – 3 November 2022) with a first regional virtual meeting on Day 1 to share progress made since the end of project Phase 1, exchange good

practices and identify any persisting challenges in developing SOPs along the national tsunami warning chains. The duration of this meeting will be around 3.5 hours.

Day 2 and 3 are reserved for national meetings in the partner countries. The venue, schedule and agenda will be determined by the national organizers. The same applies to the selection and invitation of participants. The objective of these meetings is to continue the work on still open issues, especially for LDMO and Broadcast Media SOPs.

Day 4 will be again a virtual meeting at the regional level. During this 3-hour meeting, participants will report back on the outcomes of the national meetings, progress made and possible actions to be taken to further consolidate the SOPs. Then modalities for a simulation exercise in 2023 and the respective agreements on preparations will be discussed.

ORGANISERS

The overall coordination of the workshop and organisation of the regional meetings will be assumed by the UNESCO-IOC/BMKG Indian Ocean Tsunami Information Center (IOTIC), UNESCO-IOC Secretariat of the Intergovernmental Coordination Group for Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWMS), and Project Team for the UNESCAP TTF-31 project in collaboration with the Tsunami National Contacts (TNCs), National Tsunami Warning Centres (NTWCs) and National Working Groups (NWGs) from India, Iran, Pakistan, Oman and UAE.

The national meetings in each country will be organized and hosted by the National Working Groups (NWGs) from India, Iran, Pakistan, Oman and UAE.

PARTICIPANTS

- National Working Groups from India, Iran, Pakistan and Oman, representatives from UAE
- National Tsunami Warning Centres (NTWCs) and National Disaster Management Organisations (NDMOs)
- Representatives from P/LDMOs in the community Pilot Areas of each country
- Broadcasting Media representatives from India, Iran, Pakistan, Oman and UAE, especially those who have participated in the previous workshops
- Representatives of UNESCAP, UNESCO, UNDP, Asia-Pacific Broadcasting Union (ABU)
- Chairs and Vice-Chairs of ICG/IOTWMS NWIO Subregional Working Group and ICG/IOTWMS Task Team on Tsunami Preparedness for a Near-Field Tsunami Hazard
- Other interested parties and relevant project stakeholders

DAILY START TIME

- The online workshops will start at 0700 UTC on 31 October (Monday) and 3 November (Thursday).
- The national workshops will start at times determined by each country on 1 November (Tuesday) and 2 November (Wednesday)

EVENT WEBSITE

For further information on the event, please refer to the event website:

<https://oceanexpert.org/event/3629>

AGENDA AND TIMETABLE

REGIONAL STANDARD OPERATING PROCEDURE WORKSHOP FOR NTWCs, DMOs and BROADCASTING MEDIA IN THE TSUNAMI WARNING CHAIN

UNESCO Project on Strengthening Tsunami Warning in the North-West Indian Ocean through Regional Cooperation

31 October - 3 November 2022

Day #1: Monday, 31st October

Chair: Mr. Ardito Kodijat

Meeting link: TBA

Time	Agenda Item (Speaker/Lead)
0700 – 0735 UTC	1. Opening <ul style="list-style-type: none">• Welcome remarks (Head of ICG/IOTWMS Secretariat, Mr. Rick Bailey)• Workshop logistics (ICG/IOTWMS Secretariat, Ms. Nora Gale)• Background and review of the work process to date on SOP development (Mr. Rick Bailey)• Objectives of the Workshop (UNESCO Project Consultant, Mr. Harald Spahn)
0735 – 0915 UTC 0735 – 0755 UTC India 0755 – 0815 UTC Iran 0815 – 0835 UTC Oman 0835 – 0855 UTC Pakistan 0855 – 0915 UTC UAE	2. Reports on the latest status of the SOP development along the tsunami warning chain in the participating countries (Facilitation by Mr. Harald Spahn) <p>The country presentation should include (1) the latest version of the national warning chain with the symbols representing the current state of SOP development, (2) example of a LDMO or Media SOP and (3) information on open issues to solve and the topics that will be addressed during the national workshop on Day #2 and #3 (20 minutes per country)</p>
0915 – 0945 UTC	Break
0945 – 1030 UTC	3. Joint learning using examples of LDMO / Media SOP from the partner countries through a facilitated discussion of its various features and contents (Mr. Harald Spahn) <p>Partners countries will be asked to share LDMO / Media SOPs in advance of the workshop that can be used as examples for joint learning</p>
1030 – 1045 UTC	4. Summary, Outlook for Day #2 and #3, and Closing remarks for Day #1 (Mr. Rick Bailey)

Days #2 and #3: Tuesday – Wednesday, 1 – 2 November

National workshop in each of the 5 countries to be organized and implemented by the national contacts for the project (TNCs, NTWCs). These workshops should be implemented as face-to-face workshops if conditions in the country allow. The aim of the workshop is to discuss and continue the work on unresolved issues related to LDMO and Broadcast Media SOP development by the country teams.

Two days will be set aside for these national workshops, with each country deciding whether to hold them over one or two days. The detailed agenda of each national workshop will be developed by the national organizers according to the respective country processes.

For further information, please contact:

- India –Ajay Kumar Bandela, INCOIS, ajay@incois.gov.in
- Iran –Ali Khoshkholgh, INIOAS, <mailto:tahakhoshkholgh@gmail.com>
- Oman –Khalid Al-Wahaibi, DGMet, k.alwahaibi@met.gov.om
- Pakistan –Ameer Hyder, PMD, free2hyder@yahoo.com
- UAE –Khalifa Al Ebri, NCMS, KAIEbri@ncms.ae

Time	Proposed Agenda Items
Schedule to be determined by the participating countries To be confirmed	5. SOP Workshop in each of the participating countries <ul style="list-style-type: none">• Introduction• Present and discuss findings and conclusions from Workshop Day #1• Further work on NTWC, NDMO, P/LDMO and Media SOP development (as required)• Coordination and linkages between NTWC, N/P/LDMO and Media SOPs, especially with regards to timelines.• Discuss unresolved issues and how to move on after the workshop• Discuss mechanisms and opportunities to routinely exercise NTWC, DMO and Media SOPs individually and jointly going forward• Agree on the report back to the workshop on Day #4

Day #4: Thursday, 3 November

Chair: Mr Ardito Kodijat

Meeting Link: TBA

Time	Agenda Item (Speaker/Lead)
0700 – 0715 UTC	6. Introduction to Day #4 (Mr. Rick Bailey)
0715 – 0855 UTC 0715 – 0735 UTC India 0735 – 0755 UTC Iran 0755 – 0815 UTC Oman 0815 – 0835 UTC Pakistan 0835 – 0855 UTC UAE	7. Report back from the national workshops (20 minutes per country / Facilitation by Ms. Nora Gale) <ul style="list-style-type: none">• Country reports on the following topics (10 minutes total): (1) Topics addressed during the national workshop on Days #2/#3 (2) Progress made regarding NTWC, NDMO, P/LDMO and Media SOPs (3) Unresolved issues and the way ahead• Feedback by participants and project team (10 minutes)
0855 - 0925	Break
0925 – 0945 UTC	8. Review of the work process on Media SOP development up to now and suggestions for the follow-up process (ABU)
0945 – 1010 UTC	9. Preparations for the testing of the developed SOPs in a simulation exercise in first quarter 2023 (Mr. Rick Bailey and Mr. Harald Spahn)
1010 – 1015 UTC	10. Closing remarks (Mr. Rick Bailey)