



*Training/Workshop on
Tsunami Evacuation Maps, Plans, and Procedures and
the UNESCO-IOC Tsunami Ready Recognition Programme for the Indian Ocean Member States
Hyderabad - India, 15-23 April 2025*

UNESCO-IOC Tsunami Ready Indicators

TRRP 10: Preparedness Indicators 5

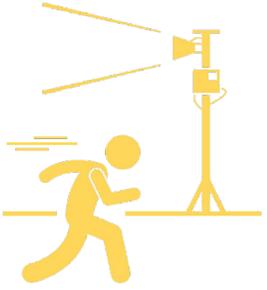
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- Ardito M Kodijat, IOTIC IOC-UNESCO
- Dr. Laura Kong, IOTIC IOC-UNESCO
- Tony Elliott, IOC-UNESCO Consultant



PREP-5: A community tsunami exercise is conducted at least every two years



<https://youtu.be/bANfS7TdVPoVideo>

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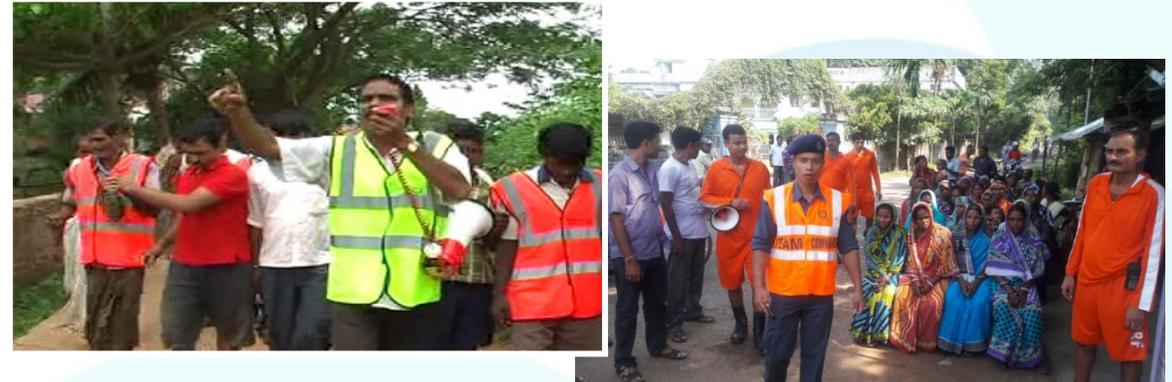
PREP-5: A community tsunami exercise is conducted at least every two years

The community should **conduct tsunami exercise**:

- At least every 2 years.
- Focus only on tsunami hazard or part of multi-hazard exercise that includes tsunami.
- Exercise type could be tabletop, functional, or full-scale, including the communications test.
- Can be part of a regional, national, or local exercise with a response by emergency services.
- Conduct post exercise evaluations to identify gaps and for improvements in preparedness, warning, and response.



Regional Exercises in Indian Ocean and Caribbean



National Tsunami Exercises in India

Introduction

Exercising is important to test the warning system and the evacuation plan to ensure that it is operating effectively and “fit for purpose”.

Without conducting exercises, it is impossible to know if the community understands what action has to be taken when a warning is issued.

Exercising also provides the opportunity to review the evacuation plan and fine tune it if necessary. More can be learnt from putting the plan into action and finding any gaps or weak points.

The exercise can focus solely on the tsunami hazard or can be a multi-hazard exercise that also addresses the tsunami hazard combined with a fire, hurricane and volcano exercise.

The exercises could be tabletop, functional or full-scale and should include a communications test between the components of the tsunami warning system.

An effort should be made for the schools within the mapped evacuation zone to participate by conducting an evacuation drill.



Type of Exercise

Type #1: Orientation Workshop

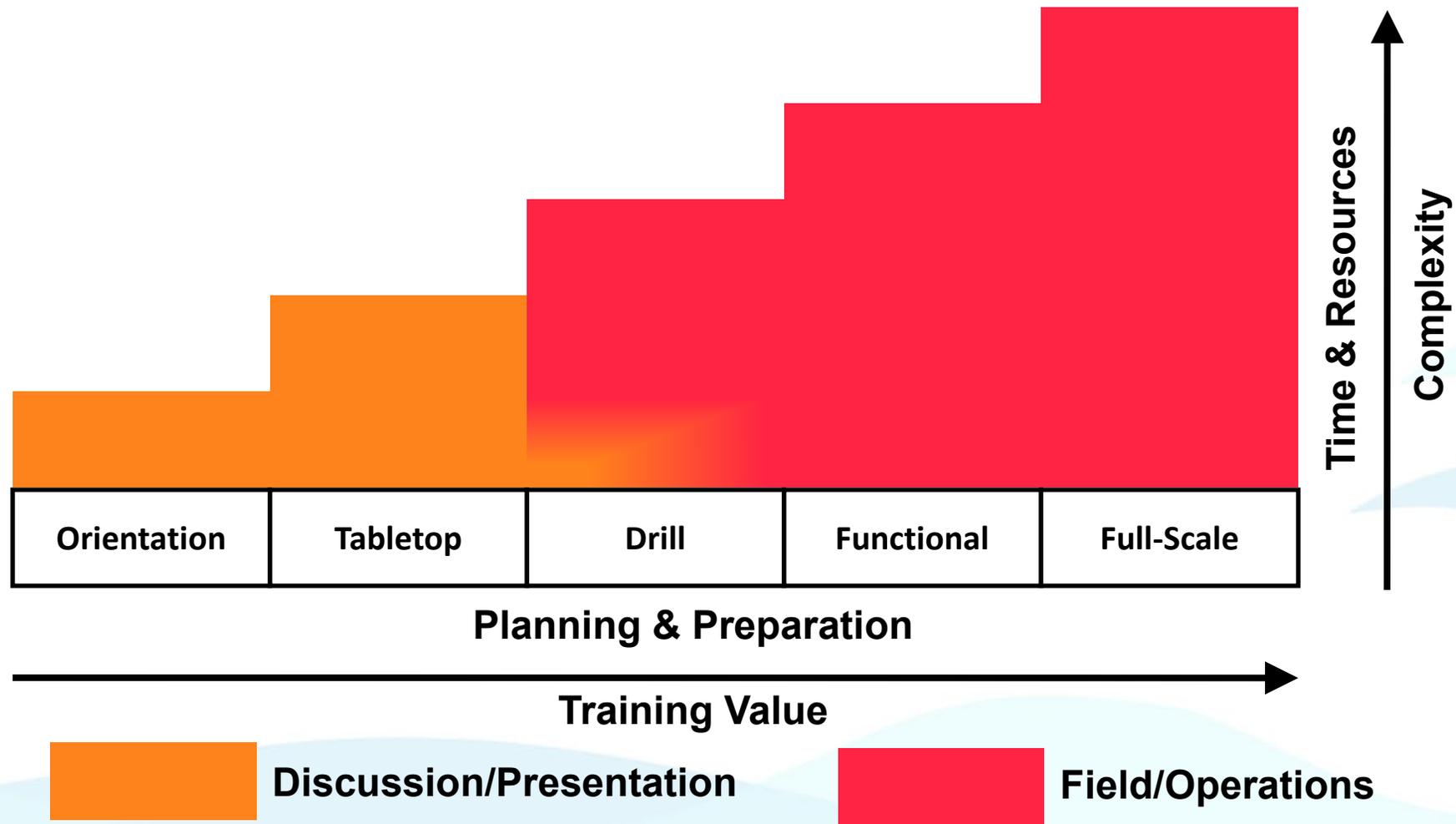
Type #2: Tabletop Exercise

Type #3: Drill

Type #4: Functional Exercise

Type #5: Full-Scale Exercise

Exercise Planning, Preparation and Complexity

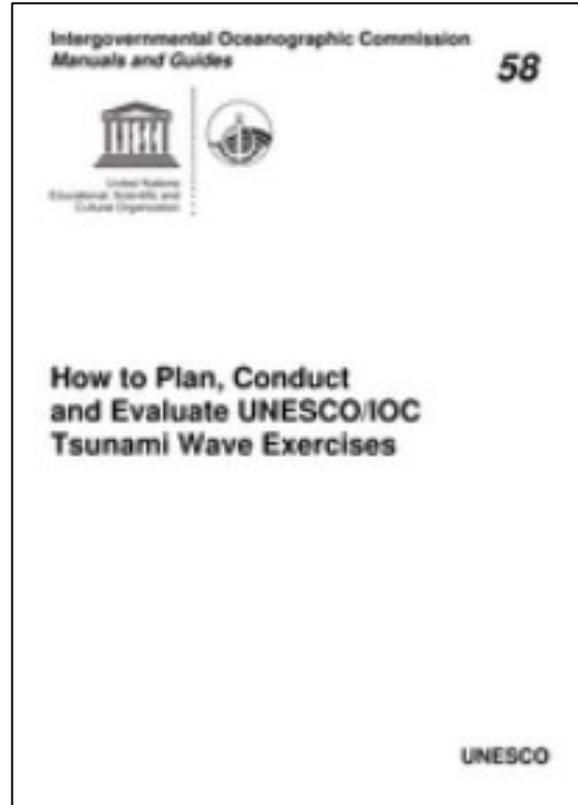


Planning an exercise

Exercises should be part of a Master Plan for readiness within the framework of overall national strategies, established policies, laws, regulations and budget resources. At agency level, exercises may be conducted within the agency's own resources but full scale, multi-agency exercises involving community evacuations require larger budget resources that may require national level funding and coordination. Regular biennial exercises may therefore need to be underpinned by government policy supported by budget appropriations

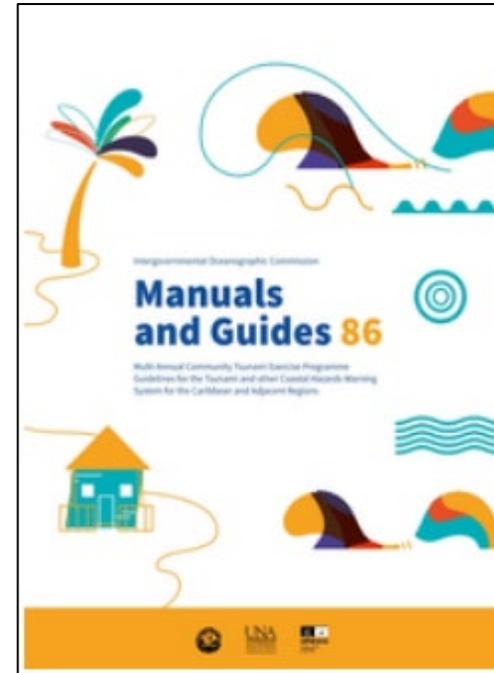


Manual and Guide No 58



<https://unesdoc.unesco.org/ark:/48223/pf0000218967>

Manual and Guide No 86



Multi-annual community tsunami exercise programme: guidelines for the tsunami and other coastal hazards warning system for the Caribbean and Adjacent Regions

<https://unesdoc.unesco.org/ark:/48223/pf000380540.locale=en>

Thank you



***IOC/UNESCO Indian Ocean Tsunami Information Centre
IOTIC-BMKG Programme Office***

***Disaster Risk Reduction and Tsunami Information Unit
UNESCO Jakarta Office***

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