MADAGASCAR





Webinar:
Lessons Learnt during
Exercise IOWave 2023

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Scenarios Exercised





National Disaster
Management Office
(BNGRC)



National Tsunami Warning Center (IOGA)

UNIVERSITE D'ANTANANARIVO



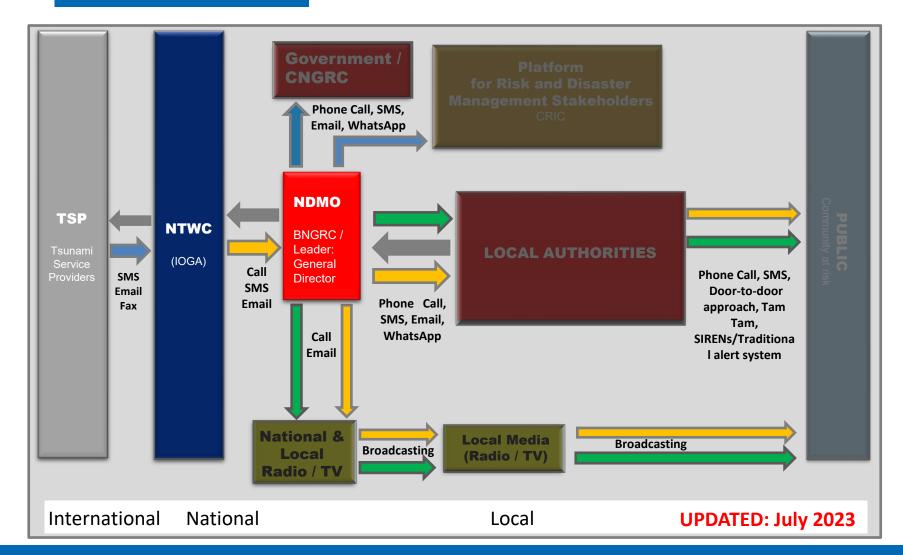
Institut et Observatoire de Géophysique d'Antananarivo

Exercise Participants



- The Tsunami Warning System in Madagascar, mainly with a joint collaboration between the Institute and Observatory of Geophysics of Antananarivo (IOGA) and the Bureau National de Gestion des Risques et des Catastrophes (BNGRC), is tasked to deliver a timely and accurate tsunami warning in a very reasonable time.
- Tsunami messages and warnings are disseminated to national and local authorities for their subsequent action (e.g. send the official call for evacuation).
- Tabletop exercise was conducted and therefore participants on this exercise are staff from IOGA and BNGRC plus some observers.
- The objective of the exercise was to test the warning chain between TSPs NTWC NDMO using different means of communication (Text message, e-mail, Phone call...).

National Tsunami Warning & Mitigation System





The IOGA plays role of focal point for the National Tsunami Warning System.
The BNGRC is responsible for disseminating warning and calling for evacuation.

Madagascar is now at the starting point of the implementation of Tsunami Warning and Mitigation System at the community level. Some activities are highlighted in the Early Warning for All Action Plan for the Country.

National Organisation of Exercise IOWave23



- The exercise was jointly organised by IOGA and BNGRC.
 - Each team worked with their respective staff members to discuss the different roles of each component during the exercise.
 - Then, a face-to-face technical meeting between the two teams was organise in order to evaluate the feasibility of the planned activities.
 - It was planned as a functional and skill drill exercise BUT it was executed as only a tabletop exercise between IOGA and BNGRC (Scenario One: Andaman Trench).
- o The exercise was not used to evaluate Tsunami Ready or similar indicators in Madagascar.
- o Summary of the exercise:
 - Table top exercise between IOGA (NTWC) and BNGRC (NDMO) was conducted in order to assess the reactivity of each organization on the warnings and alerts.
 - Time stamps of the tsunami bulletin were monitored.
 - No national warnings were issued.

Lessons Learnt





- What worked well?
 - The means of communication worked well: email, text messages and phone call.
 - The quality of IOGA's bulletins was excellent (from observers).
 - The BNGRC respond in time (from observers).
- o And what are the areas of improvement?
 - Tasks dispatching to be reviewed to meet the standard operating procedures (SOP).
 - Hotline Numbers for Tsunami Warning.
- O How can more at-risk communities be involved in future exercises?
 - Development of project based on Tsunami Ready Initiative indicators and a corresponding resources mobilization at the community level.
 - Involve at-risk communities, local authorities and partners in future exercises.

Images





BNGRC team and Observers participated in the exercise.



IOGA team and Observers participated in the exercise.





THANK YOU