



Tsunami Drills

Social media: *to view activities at your own discretion*

NEMO: <https://www.facebook.com/NEMOTONGA>

<https://www.facebook.com/sioloki.tonga>

<https://www.facebook.com/tongalands>

Prepared for UNESCO/IOC Tsunami Ready Recognition
Programme Training



Pre- Tsunami Drill

- EOC TTX with First Responders (Tongatapu, Eua, Vava'u, Ha'apai, Niua's)
- Table Top Exercises with Clusters & NGOs (Tongatapu, Ha'apai, Vava'u, 'Eua, Niua's)
- Community Engagements
- NEMPs, DEMPs, VEMPS & SOPs (Schools, communities etc.)
- Community Engagement Activities (School visits, coconut tree climbing etc)
- Radio Tests (daily basis)
- New Early Warning System (weekly – discussion under way to be conducted on a monthly basis)
- Tourism (Information, Education and Communication resources)
- Media (Radio/ television networks – ongoing)

Timeline of Tsunami Drills

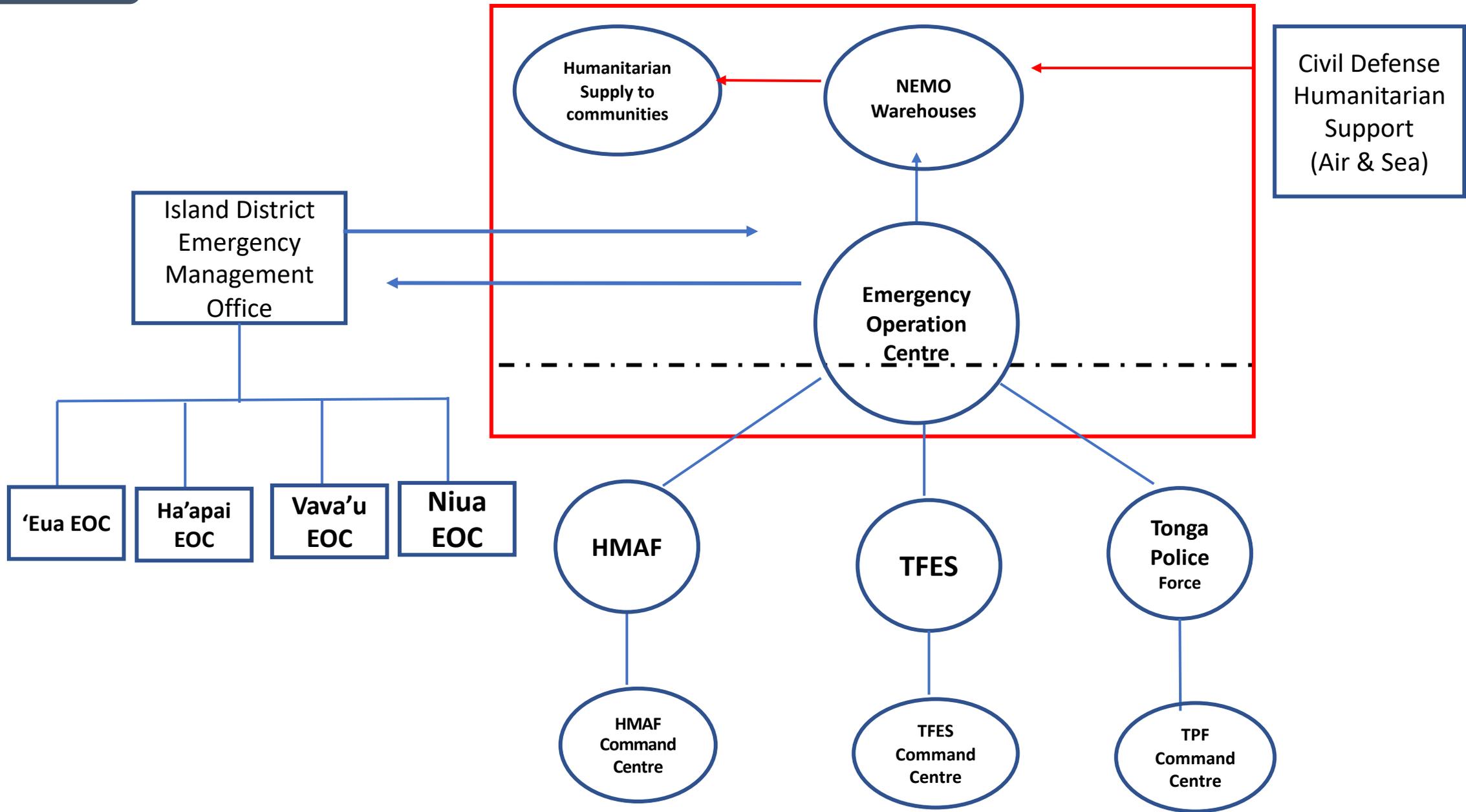


Year	Community	Donor	Challenges
2012	Tsunami Evacuation Drill; "Exercise Piha" at Hahake District – Afa ki Nukuleka	ADRA, NEMA, MFAT & DFAT	<ul style="list-style-type: none"> Evacuation route – it has been cleared however, previous rainfall before the drill had posed challenges with the evacuation Capacity of NEMO Staff
2017	National Drill "Safely to Safety" 1. Popua & Patangata 2. GPS Hala'ovave & GPS Kolomotu'a	PREP	<ul style="list-style-type: none"> Evacuation Route - needed to be paved to assist community in their evacuation National Drill was cancelled due to Security Reasons, and a smaller scale drill was conducted for the communities of Popua and Patangata
2018	GPS Liviela Niuatoputapu Niuafou'u	BSRP	<ul style="list-style-type: none"> Evacuation route – according to teachers it was too long The location of the school



2019	Popua & Patangata	Government of Tonga	<ul style="list-style-type: none"> Evacuation Route was too long and winding which essentially means that as people evacuate they are essentially still at the same location
2020	Pakilau Middle School	Government of Tonga	<ul style="list-style-type: none"> There were no identified challenge from this drill as route were quite accessible Pakilau Middle School also had developed through the assistance of NEMO a School Emergency Management Plan
2021	Tsunami Drill with all Schools at Lifuka Ha'apai	UNICEF/ NEMA	<ul style="list-style-type: none"> This is the first drill whereby the NEWS was used. It was done manually, where Com's officers were installed by each NEWS station to manually operate the system
2022	<ol style="list-style-type: none"> Tsunami Drill at GPS Liviela Vava'u Tsunami Drill with GPS Navutoka, GPS Nukuleka, EOC & Tonga Met Office and all relevant stakeholders 	UNICEF	<ul style="list-style-type: none"> Depending on the winds direction, the message may not be very clear or received by the community Evacuation route for GPS Navutoka – needs Ministry of Education/ School and Community to make sure that road is accessible for the children

2.2 EOC Links to District Emergency Operation Centres and First Responders Command Centres





Exercise Piha: 2012 Vahe Hahake Nukuleka - Afa



Exercise Safely to Safety: 2017 GPS Kolomotu'a

Exercise Safely to Safety: 2021 Lifuka Schools EOC at Ha'apai



Pictures 3 & 4: Children from the GPS Pangai evacuating their classrooms and following their evacuation route to their assemble zones



Pictures 5 & 6: Students from Tailulu and St. Joseph Colleges evacuating their school premises and following their evacuating routes to the assemble areas.



Pictures 7 - 10: Teachers from GPS Tongaleleka, Ha'apai High School, St. Joseph College, Tailulu College and GPS Pangai taking roll and final head count at each of their respective assemble areas.



Picture 11 - 13: First Responders from the Tonga Red Cross Society, His Majesty's Armed Forces, and Tonga Fire & Emergency Services helping distress students/child get to the assemble areas

GPS Tongaleleka, GPS Pangai, GPS Koulo, Ha'apai High School, Tailulu College and St. Joseph College students were the participants, with the First Responders supporting in the safe evacuation from the physical locations to the meeting points/ assembly areas, with Tonga MET supporting with the broadcasting. Further instruction was disbursed by EOC in Lifuka.

Ha'apai's EOC was staffed by NEMO, the First Responders, MEIDECC Officers and volunteer officers from the Governor's Office and the Ministry of Revenue and Customs.



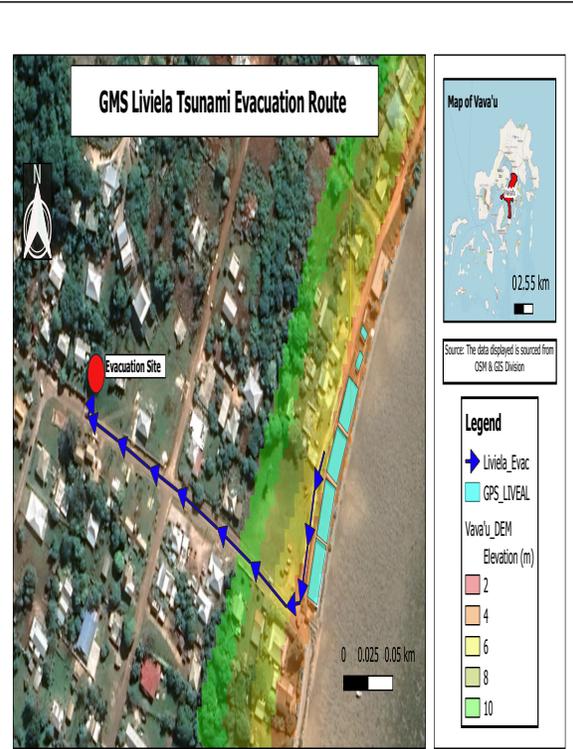
On Friday 5th November 2021, the World Tsunami Day was marked with program conducted by the Geo-Hazards Unit of Ministry of Land and Natural Resources, with the support of NEMO (with key focus on disaster risk management – prevention, mitigation, preparedness, response, recovery) and Tonga MET (with key focus on early warning systems).



The exercise was made possible with the collaboration of all emergency agencies – HMAF, Tonga Police, Tonga Fire & Emergency Services, NEMO, Tonga Meteorological Services,

Highlights of Safely to Safety Tsunami Drill 2022

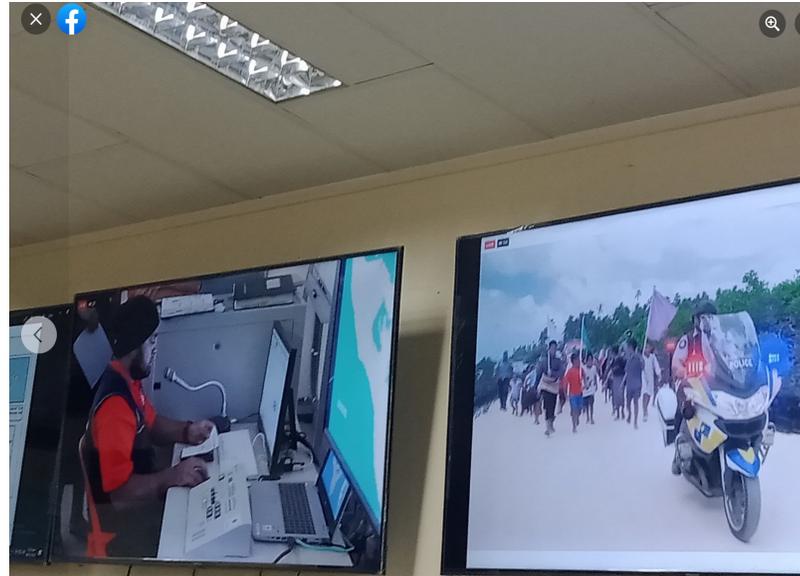
GPS Lifuka, Vava'u



Tsunami Drill at Tongatapu



Tonga Meteorological Centre



GPS Nukuleka & GPS Navutoka











Annex 1: Evacuation Map

GREATER NUKUALOFA TSUNAMI EVACUATION MAP

