

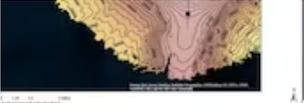
# Enhancing Disaster and Climate Resilient in the Republic of the Marshall Islands

## Monthly Update



### EDCR RMI Monthly Update February 2023

Output	Activities	Activity Details	Status as of February 2023	Next Action	Pictures
Output 1	1.1 Install inundation and tsunami and multi-hazard warning redundancy and climate data conduit through <b>Chatty Beetles</b> in 9 locations with 3 spares	<p>Chatty beetles are still the most reliable mean of communication with the outer islands. The possibility of sending warning sound alarm and text messages through satellite signal complements the HF/VHF communication and allow redundancy.</p> <p>9 Location: (to be stored at the weather stations)                      1) Ujae 2) Lae, 3) Wotho, 4) Likiep, 5) Ailuk, 6) Mejit, 7) Maloelap, 8) Aur, 9) Namu (changed from Arno), 10-12 Spare</p>	<ul style="list-style-type: none"> <li>NWSO has still been waiting from the University of Hawaii to ship chatty beetles.</li> </ul>	<ul style="list-style-type: none"> <li>Follow up with the shipment of chatty beetles.</li> </ul>	
Output 1	1.2 Provide 2 <b>Wave-Riders</b> that will support wave modelling and Realtime inundation forecasting and warning for coastal communities and long-term oceanographic measurements in strategic and vulnerable locations.	<p>Considering their proximity to the coast lines, the Waverider Buoys will enable NWSO to plan and predict level of erosion and salt water intrusion through storm damage and tsunami wave on coastal areas; and to make decisions oriented to the protection of natural ecosystems.</p> <p>Location:</p> <ol style="list-style-type: none"> <li>South of Jaluit, or</li> <li>North East of Kwajalein (pending subject to the budget availability)</li> <li>Spare</li> </ol>	<ul style="list-style-type: none"> <li>NWSO, PacIOOS and UNDP agreed to install a buoy at south of Kwajalein. PacIOOS has shared the map with potential location which requires verification. NWSO will seek supports from MIMRA to use their new equipment (eco sounder).</li> <li>PacIOOS researched on</li> </ul>	<ul style="list-style-type: none"> <li>NWSO to discuss with MIMRA if their new eco sounder is installed so that PacIOOS/NWSO could dispatch a mission to Kwajalein to verify the potential deployment location.</li> <li>NWSO to confirm</li> </ul>	 

			<p>the potential bathymetry equipment. They recommended to procure a single beam eco sounder which is estimated around 100,000 including equipment, software, training and pole mount. NWSO discussed further with MIMRA to provide a dedicated boat to mount this equipment.</p> <ul style="list-style-type: none"> <li>NWSO obtained marine traffic information around Kwajalein atoll.</li> </ul>	<p>with MIMRA on the type of the boat to be installed the new bathymetry equipment.</p> <ul style="list-style-type: none"> <li>NWSO to obtain marine traffic information around Kwajalein to check the vessel track.</li> <li>PacIOOS to design and build the mooring system for deployment.</li> </ul>	
Output 1	1.3 Link the Northern Meteorological Offices with HF radio as per Pacific Island Communication and Infrastructure (PICI) Panel Workplan 2019	Activity was cancelled as per Project Board decision.	Cancelled	<ul style="list-style-type: none"> <li>No action is required.</li> </ul>	
Output 1	1.4 Provide appropriate and improved disaster preparedness and response communication and other equipment to GOB/EOC.	<p>The project will provide the National EOC with the required equipment for information management, monitoring and coordination. This may include: computers and software, multimedia equipment, communication equipment (telephone, WIFI and fibre optic, if possible).</p> <p>HF/VHF, Furniture, equipment for national EOC HF/VHF radios</p>	<ul style="list-style-type: none"> <li>Final specification was drafted for ICT equipment for EOC Ebeye.</li> <li>Specification of drones were discussed for EOC Ebeye.</li> </ul>	<ul style="list-style-type: none"> <li>Obtain quotes from the potential supplier.</li> <li>Request NDMO for the ICT equipment to be procured for EOC Majuro.</li> </ul>	
Output 2	2.1 <b>Construct NDMO centre</b> (including NEOC and a disaster warehouse) facility in Majuro that meets disaster preparedness, international and functional standards	<p>A new building will be constructed for the Emergency Operations Centre (EOC) in a two-storey building. A warehouse will be accommodated on the ground floor (containing 2-3 level steel storage racks and storage room for chemicals), while the second floor will be used for office rooms (EOC management, information management, logistics and communication) and conference room. Facilities such as generator, fuel storage, potable water storage and water treatment</p>	<ul style="list-style-type: none"> <li>This activity was cancelled.</li> </ul>	N/A	

storage, potable water storage and water treatment plant will be accommodated on the ground floor. In addition, a separate building will be constructed in addition to the EOC as a back-up information centre for the whole of government. since the National Telecommunication Authority (NTA) has provided the land for these facilities.

Output 2	<p>2.2 Support construction of one <b>GOB/EOC in Ebeye</b> including feasibility option, design and technical file preparation, and finalize construction subject to availability of funds and Government of Japan approval</p>	<p>Considering the appalling conditions of the government building in Ebeye, a new facility will be constructed to accommodate public servants. In case of disasters, this building will be used as an Emergency Operations Centre. The building will be constructed in an area of 2,907 sqft. in two storeys. The ground floor will be used as an evacuation centre and for distribution of humanitarian assistance. The second floor will be used for the Deputy Chief Secretary Office and the disaster management team.</p>	<p>Progress as of February 2023 is the following</p> <ul style="list-style-type: none"> <li>• Temporary office at site has been completed.</li> <li>• Required epoxy coated rebar has been stored at site.</li> <li>• Electric cables under construction site has been relocated.</li> <li>• 23 submittals have been approved. 10 purchase request have been made. 7 purchase order have been placed.</li> </ul>	<p>Next action for the month of March 2023:</p> <ul style="list-style-type: none"> <li>• Submittals for the remaining materials including RFA.</li> <li>• Obtain the remaining permits.</li> <li>• Procurement and delivery of construction materials at site.</li> </ul>	
Output 2	<p>2.3 Supply and upgrade critical infrastructure and equipment for emergency response and preparedness</p>	<p>Procure followings:</p> <ul style="list-style-type: none"> <li>• Furniture and fixtures for Majuro/Ebeye EOC</li> <li>• Backup generators for MWSC</li> <li>• Water trucks for MWSC and KAJUR</li> <li>• Utility (pick-up) truck for Ebeye NDMO</li> </ul>	<ul style="list-style-type: none"> <li>• PO has been issued for water trucks and back-up generators.</li> <li>• Procurement of the pick-up truck is under evaluation.</li> <li>• Communicating with the vendor for furniture of EOC Ebeye.</li> </ul>	<ul style="list-style-type: none"> <li>• Finalize evaluation of the pick-up truck</li> <li>• Discuss on the training needs for generators and water trucks.</li> <li>• Discuss on the items required under furniture/fixtures for Majuro EOC</li> </ul>	