

NTHMP Mitigation and Education Subcommittee (MES) FY2024 Annual Work Plan.

Dates of implementation: September 1, 2024 – August 31, 2025

Version date: October 7, 2024

Activity Number	Activity	Goal/Strategy addressed (#)	Action Steps / Milestones	Activity Leads	Dependencies	Metrics: expected outcome and target date(s)	Status Update
#1	Exercise Support for NTWC, PTWC, and WCS in annual exercises (CaribeWave, Lantex, Pacifex)	Strategy 2.3.1: Conduct exercises that include tsunami scenarios to improve future response; Strategy 4.2.1: Coordinate periodic system-wide communication tests and encourage authorities to participate and provide feedback; Strategy 4.2.2: Dedicate outreach and exercise efforts for underrepresented communities and entities who are critical to tsunami alerting and response	<ul style="list-style-type: none"> ● Encourage Participation. Regions socialize and contact local emergency management to encourage participation. ● Track registration and participation in TsunamiZone ● Develop and distribute surveys. NTWC, WCS, and MES review and discuss survey results. 	NTWC, WCS, PTWC, ITIC/ITIC-CAR	Tsunami Warning System Exercises	Outcome: Increased participation in exercises. Exercise feedback from local entities to inform future exercises.	

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#2	Hazus Tsunami Expansion	Strategy 1.2.2: Support the development and appropriate use of tsunami loss-estimation methods and tools, such as Hazus and the National Risk Index	Continue to encourage FEMA to enable Hazus tsunami risk assessment capability that is currently not available for US East Coast States and Gulf Coast States thereby achieving uniform and equitable tsunami risk assessment for all vulnerable coastal populations.	Northeast States Emergency Consortium, WA, CA, OR	This activity is contingent upon FEMA's involvement and support and completion entirely reliant on FEMA's resources and timeline.		
#3	Tsunami Debris Guidebook	Goal 3.1: Mitigation and recovery strategies are developed for long-term community planning; Strategy 3.1.1: Develop guidelines and model practices for mitigation and recovery for communities and critical infrastructure; Goal 3.2: Mitigation and recovery strategies are initiated and incorporated into long-term community planning		Oregon			
#4	TsulInfo Alert newsletter	General: NTHMP partner communication and program awareness.	Promote NTHMP partner involvement in article writing	Washington	extension and reprogramming of FY23 funds.	6 bi-monthly editions of TsulInfo from September 2024-August 2025.	Funding and extension have been approved, so WA is prepared to support TsulInfo through 8/31/25.

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#5	Identify methods and sources for estimating temporary populations in tsunami hazard zones	<p>Strategy 1.2.1: Complete assessments of population exposure, vulnerability, and evacuation potential to tsunami hazards</p> <p>Strategy 1.2.2: Support the development and appropriate use of tsunami loss-estimation methods and tools, such as Hazus and the National Risk Index</p>	Continue to work with FEMA to incorporate population estimation methodology for use in NRI	Washington	Depends on FEMA's incorporation and citation of methodology in NRI	<p>WA EMD will publish CSZ Loss Estimation study by the end of 2024 along with methodology for temporary loss estimation adopted from Oregon DOGAMI</p> <p>FEMA uses tsunami temporary loss estimation methods in NRI</p>	<p>Letter of Support from FEMA for WA methodology received by WA EMD, including building inventorying, permanent population, and temporary population estimation methodology.</p> <p>WA, OR, and CA are providing initial feedback for NRI technical documentation and methodology this fall. FEMA plans on sending this by 9/23/24 to have by 10/4 so they are able to publish.</p> <p>WA EMD working on updating methodology and materials to share with stakeholders and for publication by end of 2024.</p>

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#6	Hazard simplification project "deep dive"	Goal 2.1: At-risk populations are informed and prepared to respond appropriately to tsunamis; Strategy 2.1.2: Develop, update, and disseminate consistent outreach materials; Strategy 4.1.4 Support the National Weather Service Hazard Simplification Project	MES Partners continue to work with WA Tsunami Program Coordinator to document alerting and communication gaps, needs, and challenges for their respective tsunami programs	Washington WCS	Continuous partner support through the duration of the project	Gaps, needs and challenges assessment for end of January 2025 with report out at NTHMP Winter Meeting Implementation strategy completion target NTHMP Summer meeting or end of fiscal year (8/31/25).	Majority of partners have completed Phase 1 and are participating in Phase 2. Partners still in Phase 1 nearing completion and entering Phase 2 shortly.
#7	Evacuation route wayfinding project	Strategy 1.2.1: Complete assessments of population exposure, vulnerability, and evacuation potential to tsunami hazards; Strategy 3.1.1: Develop guidelines and model practices for mitigation and recovery for communities and critical infrastructure; Strategy 3.2.1: Implement guidelines and model practices for mitigation and recovery; Strategy 3.2.2: Increase local stakeholder capacity by supporting tsunami mitigation and recovery efforts	Current draft of the Tsunami Wayfinding Guide is 95% complete, just awaiting final review by WA team.	Washington	Time and capacity of WA team	Completed guidance document published by end of 2024 calendar year.	Draft guidance doc pending final review.

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#8	TsunamiZone.org	Strategy 2.1.2: Develop, update, and disseminate consistent outreach materials; Strategy 2.3.1: Conduct exercises that include tsunami scenarios to improve future response; Strategy 4.2.2: Dedicate outreach and exercise efforts for underrepresented communities and entities who are critical to tsunami alerting and response	Expand and review the availability of translated materials and website content with MES; Support NTWC tsunami warning system; Develop and distribute social media; Maintain a calendar of events and refresh the website with new and updated outreach materials using input from MES partners	CA	NTHMP partner inputs	Outcome: Continue MES participation in development and socialization of resources using TsunamiZone Expected date of completion: Ongoing	California has funding for continued support of TsunamiZone.org for FY2024.
#9	Update MES Terms of Reference (ToR)	Update ToR to reflect changes at NTHMP (i.e., in-person meetings); need to collaborate with other Subcommittees/Working Groups; etc. Last update was 2019.	Review and Update ToR	MES co-chairs, in coordination with MES members	clarity on in-person meetings from NTHMP and NWS leadership	Outcome: MES approves of updated ToR	
#10	Documentation of MES Partner dependence on TsuInfo Alert and Tsunami Zone	Goal 2.1: At-risk populations are informed and prepared to respond appropriately to tsunamis; Strategy 2.1.3: Conduct training and outreach events and campaigns	Compile information from MES partners on how they utilize both products: TsuInfo Alert and TsunamiZone.	MES co-chairs, in coordination with MES members	NTHMP partner inputs	Outcome: Document that summarizes the different MES Partner needs met by both products (TsuInfo Alert and TsunamiZone).	