

NTHMP Mitigation and Education Subcommittee (MES) 2022-2023 Annual Work Plan

Version date: 11/17/2022

Activity Number	Activity	Goal/Strategy addressed (#)	Action Steps / Milestones	Activity Leads	Dependencies	Metrics: expected outcome and target date(s)
#1	Exercise Support for NTWC and WCS in annual exercises (CaribeWave, Lantex, Pacifex)	Goal 2.3: Exercises are effectively supported. Strategy 2.3.1: Conduct exercises that include tsunami scenarios	<ul style="list-style-type: none"><li>Encourage Participation. Regions socialize and contact local emergency management to encourage participation.</li><li>Track participation in TsunamiZone</li><li>Develop and distribute surveys. NTWC, WCS, and MES review and discuss survey results.</li></ul>	NTWC, WCS, PTWC	NTWC exercise	Outcome: Increased participation in exercises. Exercise feedback from local entities to inform future exercises.  Date of completion: June 2023

Activity Number	Activity	Goal/Strategy addressed (#)	Action Steps / Milestones	Activity Leads	Dependencies	Metrics: expected outcome and target date(s)
#2	Expansion of TsunamiReady to support and/or encourage recognition for maritime communities such as ports and harbors.	<p>Goal 2.4: Stakeholders are adequately engaged Strategy 2.4.1: Engage stakeholders in tsunami preparedness and response</p> <p>Goal 2.1: At-risk populations are informed and prepared to respond appropriately to tsunamis Strategy 2.2.3: Increase number of designated TsunamiReady Supporters</p>	<ul style="list-style-type: none"> <li>Meet with NWS to discuss support to pursue TsunamiReady for maritime communities.</li> <li>Develop list of future steps</li> </ul>	California	NWS staff availability	<p>Outcome: Initiate discussion and meeting with NWS.</p> <p>Date of completion: August 2023</p>
#3	Hazus Tsunami Expansion	<p>Goal 1.2: U.S. tsunami risk assessment methodologies are developed and properly applied Strategy 1.2.2: Develop and implement a strategy for using HAZUS and create product guidance</p>	<ul style="list-style-type: none"> <li>Support Northeast States Emergency Consortium to initiate discussions with FEMA to expand Hazus Tsunami to all 14 US East Coast States as well other states, territories, etc. that may not be included. This expansion would occur over time with the goal of achieving a uniform Tsunami Risk Assessment for all</li> </ul>	Northeast States Emergency Consortium, WA, CA	FEMA Hazus team availability. NTHMP partner availability and participation.	<p>Outcome: Initiate discussion with FEMA regarding Hazus Tsunami expansion.</p> <p>Date of completion: March 2023</p>

Activity Number	Activity	Goal/Strategy addressed (#)	Action Steps / Milestones	Activity Leads	Dependencies	Metrics: expected outcome and target date(s)
			coastal states and territories.			
#4	Method for Identifying Potentially Tsunami Vulnerable Populations	<p>Goal 1.1: Tsunami hazard assessments support decision-making</p> <p>Goal 2.1: At-risk populations are informed and prepared to respond appropriately to tsunamis</p>	<ul style="list-style-type: none"> <li>Review and comment on Northeast States Emergency Consortium DRAFT Hazus related process to identify potentially vulnerable populations, relative to tsunami inundation, to help promote equity and inclusion in tsunami related emergency plans and programs with the goal of understanding who is most at risk and how that can affect our decision making process.</li> </ul>	Northeast States Emergency Consortium, WA, CA	NTHMP partner availability and participation	<p>Outcome: MES input on draft document.</p> <p>Date of completion:</p> <p>March 2023</p>
#5	Tsunami Debris Guidebook	<p>Goal 3.1: Mitigation and recovery strategies are initiated and incorporated into long-term community planning</p> <p>Strategy 3.1.1: Develop guidelines and model practices for mitigation and</p>	<ul style="list-style-type: none"> <li>MES review draft and provide comments</li> </ul>	Oregon	NTHMP partner availability and participation	<p>Outcome: MES input on draft document.</p> <p>Date of completion:</p> <p>August 2023</p>

Activity Number	Activity	Goal/Strategy addressed (#)	Action Steps / Milestones	Activity Leads	Dependencies	Metrics: expected outcome and target date(s)
		<p>recovery for communities and critical infrastructure</p> <p>Goal 2.1: At-risk populations are informed and prepared to respond appropriately to tsunamis</p> <p>Strategy 2.1.2: Develop, update, and disseminate consistent outreach materials</p> <p>Goal 2.2: New TsunamiReady® sites established and existing sites maintained</p> <p>Strategy 2.2.2: Increase number of recognized TsunamiReady Tier 2 Communities</p>				
#6	Tsunami Vertical Evacuation Guidebook	<p>Goal 2.1: At-risk populations are informed and prepared to respond appropriately to tsunami</p> <p>Strategy 2.1.2: Develop, update, and disseminate consistent outreach materials</p>	<ul style="list-style-type: none"> <li>MES review draft and provide comments</li> </ul>	Oregon	NTHMP partner availability and participation	<p>Outcome: MES input on draft document.</p> <p>Date of completion: August 2023</p>

Activity Number	Activity	Goal/Strategy addressed (#)	Action Steps / Milestones	Activity Leads	Dependencies	Metrics: expected outcome and target date(s)
		Goal 2.2: New TsunamiReady® sites established and existing sites maintained 2.2.2: Increase number of recognized TsunamiReady Tier 2 Communities				
#7	TsuInfo Alert newsletter	General: NTHMP partner communication and program awareness.	<ul style="list-style-type: none"> <li>Promote NTHMP partner involvement in article writing</li> </ul>	Washington	NTHMP partner availability and interest	<p>Outcome: Continued MES participation in TsuInfo Alert newsletter.</p> <p>Date of completion: Ongoing</p>
#8	Tsunami canned messaging	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	<ul style="list-style-type: none"> <li>Present drafts to MES for comment/review; align messaging with NTHMP partners; upload finalized messaging to NTHMP website for international use? maybe translations as well?</li> </ul>	Washington	NTHMP partner availability Washington team capacity	<p>Outcome: MES input on draft documents.</p> <p>Date of completion: Spring/summer 2023</p>

Activity Number	Activity	Goal/Strategy addressed (#)	Action Steps / Milestones	Activity Leads	Dependencies	Metrics: expected outcome and target date(s)
#9	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 material	<ul style="list-style-type: none"> <li>MES to provide information about “hazsimp” impact to educational materials, resources, outreach campaigns, training, exercising, etc</li> </ul>	Washington, WCS	NTHMP partner availability and participation Subject matter expert availability	<p>Outcome: MES partner provide Washington with needed input to HazSimp “deep dive”</p> <p>Date of completion: August 2023</p>
#10	Evacuation route wayfinding project	Goal 1.1: Tsunami hazard assessments support decision-making	<ul style="list-style-type: none"> <li>Present findings to MES for discussion and potential to expand to other partners</li> </ul>	Washington	Weather (for field work) UW student availability	<p>Outcome: MES awareness of project and potential for expansion to other partner regions.</p> <p>Date of completion: Summer 2023 (Phases 1 and 2)</p>

Activity Number	Activity	Goal/Strategy addressed (#)	Action Steps / Milestones	Activity Leads	Dependencies	Metrics: expected outcome and target date(s)
#11	TsunamiZone.org	<p>Strategy 2.1.2: Develop, update, and disseminate consistent outreach materials</p> <p>Goal 2.3: Exercises are effectively supported. Strategy 2.3.1: Conduct exercises that include tsunami scenarios</p> <p>Goal 2.4: Stakeholders are adequately engaged Strategy 2.4.1: Engage stakeholders in tsunami preparedness and response</p>	<ul style="list-style-type: none"> <li>Expand and review the availability of translated materials and website content with MES;</li> <li>Support NTWC tsunami warning system;</li> <li>Develop and distribute social media;</li> <li>Maintain a calendar of events and refresh the website with new and updated outreach materials using input from MES partners</li> </ul>	CA	NTHMP partner inputs	<p>Outcome: Continue MES participation in development and socialization of resources using TsunamiZone</p> <p>Date of completion: Ongoing</p>