

013020 – DRAFT Annual and Vision Plan Activities for the NTHMP Mitigation and Recovery Planning Work Group

Ranked Activities / Key Action Objectives	Strategy(ies) addressed (#)	POTENTIAL Annual Action Step(s) Milestones	Activity Leads and Workers	Activity Requirements	Supporting Resources / Existing Work / Dependencies	POTENTIAL Metrics – expected outcome and target date (**Many of these activities are multi-year projects which will be included in MRPWG Vision Plan**)
ANNUAL PLAN ACTIVITIES						
2019-20 – Guidance for Maritime Mitigation Activities and Planning (focus of this work has been on sharing mitigation and recovery strategies with previous M&R WG members)	3.1.1 Develop guidelines and model practices for mitigation and recovery for communities and critical infrastructure 3.1.2 Implement guidelines and model practices for mitigation and recovery	<ul style="list-style-type: none"> Develop initial web-based guidance format and available linked example products from NTHMP partners. Guidance addresses hazard assessment, preparedness and outreach, response, mitigation, and recovery planning. Update work group and NTHMP, and update products accordingly. Formalize location of webpage(s), possibly through NTHMP website, individual partner website, or both (plan finalized in 2020). Collect information on completed maritime mitigation projects and document application and funding best practices. 	Maritime Mitigation WG; CA (Kevin M., Todd, Rick, Nick G. leads)	<ul style="list-style-type: none"> Get feedback from work group and NTHMP, and update products. 	<ul style="list-style-type: none"> Significant work has been completed on draft products and guidance Funding from FEMA for CA leverages support of work Dependency – none 	<p>2019 – Continued development and format completion of maritime guidance website(s). This is a multi-year activity.</p> <p>2020 – Work finalized with guidance document and website; develop list of projects, POCs, scopes of work, and documentation of funding; publish mitigation success stories to Maritime Website; develop and implement maritime guidance engagement strategy.</p>
Guidance for Use and Communication of Probabilistic Tsunami Hazard Analysis (PTHA) and Other Hazard Products	Same as above	<ul style="list-style-type: none"> Develop WG including outside experts. Develop guidance for state/community adoption and implementation of ASCE 7-16/IBC/state building codes, and determine strategy for making improvements in the future Develop general user/audience messaging on probabilistic tsunami hazard mapping and determining acceptable level of risk for land-use planning. Develop recommended community planning, education, and design guidelines for development within known tsunami hazard zones. Develop guidance for communicating with constituents the benefits of adopting higher regulatory standards for inundation zones. 	Amanda and Corina (leads)	<ul style="list-style-type: none"> Include engineers, land-use planners, building code officials, and other planning experts 	<ul style="list-style-type: none"> FEMA has examples for tsunamis and other similar hazards Building code work in CA and HI Land-use planning in OR and CA Hazus work in multiple states 	<p>2020-Develop WG including outside experts; Develop outline of recommended strategies; develop guidance on ASCE 7-16/IBC/state building codes and their adoption; develop messaging on probabilistic mapping/products</p> <p>2021-Develop Draft Planning and Design Guidance for Inundation Zones”. Share with stakeholders for comment.</p> <p>2022: Finalize NTHMP Planning and Design Guidance for Development in Inundation Zones.</p>
Guidance for Debris Plans Related to Tsunamis	Same as above	<ul style="list-style-type: none"> Develop WG comprised of NTHMP partners, interested partners and communities. Develop webinars and guidance for local government tsunami debris modeling, mapping, and planning; include recommended MOUs with inland communities, suggested planning partners and opportunities to exercise local tsunami debris removal capacity. Develop a guidance document with examples of how communities could address tsunami debris in their response and recovery plans, as well as application for TsunamiReady Tier 2 qualification. 	Althea, Kevin R., Rick (leads)	<ul style="list-style-type: none"> Include outside experts at USACE, US Coast Guard, debris modelers, etc. 	<ul style="list-style-type: none"> Resources and references from debris plan workshop held in OR; CA and WA in attendance 	<p>2020-leverage tsunami debris webinars through OR; develop WG including outside experts; complete draft debris planning guidance document</p> <p>2021-Finalize guidance documents</p>
Guidance on Funding Strategies for Mitigation and Recovery Products	Same as above	<ul style="list-style-type: none"> Develop WG comprised of FEMA and outside funding groups. Document examples of successful and unsuccessful (with lessons learned) attempts to acquiring funding for mitigation and recovery planning and construction projects, including construct vertical evacuation structures, pylons, and maritime mitigation. Develop guidance document addressing issues like completing BCAs, garnering support from public/elected officials, how to obtain local match funds, and applying other best practices. Develop 1-pager of key steps “cook book” Define/explain the federal sources of mitigation funding (1 pager for each?) 	Amanda, Kevin M., Tim Cook (leads)	<ul style="list-style-type: none"> Engage and include FEMA and state mitigation funding groups. 	<ul style="list-style-type: none"> Resources and references from WA Tsunami Guide, FEMA funded Vertical Evacuation Projects Reference other FEMA, state, and local projects. 	<p>2020: Develop WG including outside experts; compile and review local, state, and FEMA approved tsunami mitigation projects; conduct interviews with project POCs documenting best practices, lessons learned.</p> <p>2021: Complete draft Implementation Best Practices for Funding Opportunity Document; Review/Comments and Finalization of Best Practices Document</p>
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