

MES Business Meeting at Winter Meeting

January 28, 2019

Agenda

9:00 - 9:30 Introductions and Agenda / Week Overview

9:30 - 10:30 MES 2018 Work Plan Topics

- Social Science Project Update (20 mins) - Maximilian Dixon/Keily Yemm
- Maritime Guidance (20 mins) - Kevin Miller/Yvette LaDuke
- Tsunami Zone Update (20 mins) - Jason Ballmann

10:30 - 11:30 Alert & Warning needs from state & territory perspective – Maximilian Dixon

11:30 - 12:30 - Lunch

12:30 - 1:30 FY2019 NEW Workplan discussion – State priorities to identify for FY2019

- What are your state priorities? Bring them to talk about!
- Are there grant activities needing subcommittee sponsorship?

MES Business Meeting at Winter Meeting

January 28, 2019

Agenda

1:30-2:10 Discussion: Mitigation and White Paper recommendations to Coord Committee – Tamra Biasco/Kevin Miller

Discussion Inputs:

- NTHMP Subcommittee Structure and Workload Analysis
- Mitigation and Recovery Recommendation Paper

2:10-2:30 – Exercise Discussion/Planning – Victor Huerfano

2:30-2:50 – HAZUS Tsunami Module Update – FEMA R10

Social Science Project

Overall Social Science Effort Goals

- Find out what works best at informing key audiences on risk and preparedness actions and motivating them to take appropriate actions. A starting point is to compare different tsunami products/outreach/processes, showing them to different audiences (e.g. hospitality) in different states/locations, in order to get their feedback.
- Who is leading/supporting
 - WA with HI, OR, CA, AK, FL
- Discussion and planning calls held
- Break the effort up into projects/milestones
 - Scopes of work for each project
- First Project: Evaluate evacuation products (and inundation products if feasible)
 - Compare evacuation products from the participating states/territories, showing them to different audiences (especially hospitality) in different locations, in order to learn what works best at:
 - informing these audiences on risk and evacuation/preparedness actions; and
 - motivating them to take appropriate actions.

NTHMP Maritime Guidance Project

Guidelines and Best Practices for Tsunami Hazard Analysis, Planning, and Preparedness for Maritime Communities

Developed by NTHMP Mapping and Modeling Subcommittee, Mitigation and Education Subcommittee, and Warning Coordination Subcommittee

Draft July 2015

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The
Tsunami

Register Here!

Register

<http://tsunami.org>

organizational

register to

**By registering
organizational**

- Be contacted
 - Be listed
 - Be an
 - Have input
- and more
- recovery**

The
TsunamiZone

Register Here!

Know Your Zone

Who is Participating?

How to Participate

Resources



CALENDAR: EVENT DETAILS

[Back to TsunamiZone Calendar of Events](#)

Tsunami Public Information Town Hall Meeting

March 28, 2017, 6 - 8 pm, *Community Event at Ventura County Fairgrounds*

Event location:

Ventura County Fairgrounds
Mc Bride Building
10 West Harbor Blvd
Ventura, CA 93001 ([Map](#))

Event Contact:

Darryl Smith, Ventura County Office of Emergency Services , Darryl.smith@ventura.org, 805 654-2551

Full Description:

This is a Tsunami Public Information Town Hall Meeting for the coastal community of Ventura County residing in the identified inundation zones.

Alert & Warning needs from State & Territory perspective (Discussion)

Talk amongst
yourselves...
Here's your topic:

The Great Awakening
was neither "great" nor
an "awakening."

Discuss.



Coffee Talk from SNL

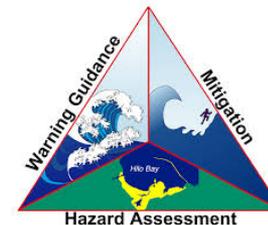
Mitigation & Education Subcommittee

The MES works to reduce tsunami impacts primarily through education and outreach that increase awareness and encourage preparedness. It also promotes and provides guidance on other risk reduction activities, such as evacuation planning and integration of tsunami risk into land-use policy and planning. And, it provides recommendations for NOAA's TsunamiReady program, which encourages communities to prepare for tsunamis.

Recent Accomplishments:

- National Tsunami Education and Outreach Action Plan
- Guidance for education and outreach planning and activities resulting in an increase in number of TsunamiReady communities
- National Media Tsunami Guidebook and increased number of corresponding state guidebooks

Source: NTHMP website



MES 2018 Workplan

Work Plan Development Group: Miller, Belanger, Dixon, Yemm, Rizzo, LaDuke, Richards

Questions:

1. Existing/Effectiveness. Based on existing state/territory partner projects/initiatives what areas of activity and accomplishments need to be surveyed, catalogued and assessed for effectiveness?
2. Gaps. What project/initiatives are yet to do or could benefit from guidance for consistent development?

Activity	Strategy(ies) addressed (#)	Action Step(s)/Milestones	Activity Lead and workers	Dependencies ¹ (including grants)	Metrics – expected outcome and target date
TsunamiAlert!	Strategy 2.1.2 Develop, update, and disseminate outreach materials and ensure consistency	1. Solicit articles 2. Review 3. Publish	Earls, Lopes, Von Hillibrand, Wilson, Eble	NOAA Grant (WA)	Ongoing Increase in annual readers
TsunamiZone.org	Strategy 2.1.3 Conduct training and educational outreach events and campaigns	1. Provide/develop content 2. Develop outreach campaign 3. Register activities 4. Register individuals	SCEC, CA, PR, USVI	NOAA Grant (CA)	Ongoing Increase in state/regional pages Increase in worldwide registration annually

¹ Dependencies: identify what this activity requires to get accomplished – personnel, estimated level of effort, inputs from other sources, and IF the activity depends on grant funding to a partner (and if so, which partner has the lead.)

MES 2018 Workplan

<p>Social Science Project(s)</p>	<p>Strategy 2.1.4: Conduct and incorporate social science evaluation of tsunami education outreach effectiveness</p>	<ol style="list-style-type: none"> Evaluate evacuation products (and inundation products if feasible). <ul style="list-style-type: none"> Maps Apps Outreach brochures Websites Compare different tsunami products/outreach/processes, showing them to different audiences (especially hospitality) in different states/locations, in order to get their feedback. 	<p>Dixon, Yemm, Richards, Rizzo, Miller, LaDuke, Belanger, Hahn</p>	<p>State of WA: 2018 NTHMP Grant - MES-Sponsored, Multi-state Proposed Project</p> <p>MES Subcommittee-initiated activity #22</p>	<p>2018 4th Quarter</p> <p>The goal is to compare evacuation products from the participating states/territories, showing them to different audiences (especially hospitality) in different locations, in order to learn what works best at informing these audiences on risk and evacuation/preparedness actions; and motivating them to take appropriate actions.</p>
<p>Complete development of Maritime Guidance Document (Chapters 2 & Chapter 3)</p>	<p>2.2.2 Increase TsunamiReady Communities 2.4.1 Engage stakeholders on preparedness and response 4.2.2 Improve community warning point reception capabilities</p>	<ol style="list-style-type: none"> Assess what exists by State/Territory (Existing protocols; Future mitigation planning recommendations) Develop National Guidance using MES/NTHMP partner Existing protocols; Develop future mitigation planning recommendations using experience and expertise. 	<p>Miller, LaDuke, Wilson, Richards, Waddell, Belanger, Biasco, Dixon, Rizzo, Preller</p>	<p>NOAA Grant (CA)</p> <p>MES + MMS Subcommittee-initiated activity #21: Evacuation Products/Tools Guidance (\$10,000 1 month of CA EM staff) time</p>	<p>2018 2nd Quarter</p> <p>NTHMP guidance document for consistency.</p>

MES 2018 Workplan

<p>MES – 2018 Tsunami Information Guide</p>	<p>2.1.2 Develop, update, and disseminate outreach materials and ensure consistency</p>	<ol style="list-style-type: none"> 1. Draft guide 2. Review 3. Publish 4. Promote 	<p>Lead: Rabenold, Supporters/Reviewe : Aitui, Brown, Belanger, Eble, Huerfano, LaDuke, Pselio, Preller, Richards, von Hillebrandt, Waddell</p>	<p>None</p>	<p>2018 2nd Quarter Information Guidance Document</p>
<p>MES – 2018 FEMA Community Rating System Fact Sheets</p>	<p>2.1.2 Develop, update, and disseminate outreach materials and ensure consistency; 2.1.3 Conduct training and educational outreach events and campaigns; 2.2.1 Recognize TsunamiReady communities</p>	<ol style="list-style-type: none"> 1. Finalize draft fact sheets 2. Publish 3. Promote 	<p>Lead: Rabenold, Supporters/Reviewe : Rizzo, LaDuke, Waddell, Biasco, von Hillibrandt, Miller, Jackson, Mahoney, Baker, Hahn</p>	<p>None</p>	<p>2018 2nd Quarter Two Fact Sheets</p>

SEE MMS ANNUAL WORK PLAN FOR AREAS OF MES ENGAGEMENT: http://nws.weather.gov/nthmp/Minutes/mmsmeetings/MMSAnnualWorkPlan_2018.pdf

MES 2018 Workplan (Shared MMS tasks)

2018 - Tsunami source database	1.1.1 Identify and address gaps in tsunami source characterization and modeling	<ul style="list-style-type: none"> • Complete template for tsunami source database • Request existing sources from members • Fill out database with existing sources developed • Evaluate development of historical and prehistorical tsunami event database (for probabilistic sources) 	MMS, MES	<ul style="list-style-type: none"> • CA lead • Perform work through MMS meetings • Need MES support with a definition for worst-case scenarios 	<ul style="list-style-type: none"> • Review existing source database structures • Leverage USGS Powell Center work • Leverage NCEI historic event database • NTWC has initial source database from members • California grant dependency to support collecting and filling out the database (e.g. an Excel spreadsheet) 	2018 – Initial source database schema/attributes This is a multiyear activity.
2018 – Maritime guidance	1.1.3 Identify and address the tsunami hazard assessment and product requirements and 2.4.1 Engage stakeholders on tsunami preparedness and response	Work with MES to develop guidelines for the maritime community. Include reference of criteria/guidance for analysis of modeled tsunami currents/vorticity.	MMS, MES	<ul style="list-style-type: none"> • CA lead • Lead MMS and MES members with work group; Update guidance for modeling tsunami currents • Update mapping and modeling guidance • Initiate development of preparedness, response, mitigation, and recovery guidance • Incorporate special guidance for various customers, especially large ports, cruise industry, Navy, and US Coast Guard 	<ul style="list-style-type: none"> • Significant work has been completed on draft guidance • Will require grant support for lead MMS/MES representatives from CA • Funding from FEMA for California can help support work on guidance for currents and mitigation/recovery work • Dependency – none. 	2018 - Preparation for completion of maritime guidance document. This is a multiyear activity.
2018 - Complete inundation and evacuation map gap analysis	1.1.2 Complete inundation and evacuation maps for all unmapped U.S. coastal communities	Develop list of areas not covered by inundation and evacuation maps	MMS, MES	<ul style="list-style-type: none"> • MMS group activity • AK and East Coast will work together as leads 	<ul style="list-style-type: none"> • Some information on inundation maps has been collected • East Coast grant dependency to support identification of the gaps 	2018 – Develop a preliminary list/summary of areas/regions not covered by inundation and evacuation maps. This is a multiyear activity.

MES 2018 Workplan (Shared MMS tasks)

2018 - HAZUS guidance	1.2.1 Provide technical assistance for risk assessments and 1.2.2 Develop and implement a strategy for using HAZUS and product guidance	Develop guidelines for NTHMP partners and communities to use HAZUS tsunami module and results	MMS, MES	<ul style="list-style-type: none"> • WA lead 	<ul style="list-style-type: none"> • Dependency: WA beta test workshop (FEMA grant to WA-DNR if funded) 	<ul style="list-style-type: none"> • 2018 - Synopsis on beta testing workshop in WA
2018 – Tsunami Assembly Area Terminology and Guidance		Through a Work Group, develop guidance on terminology for tsunami assembly area, evacuation areas (reception center) and place of reunification / disaster recovery center.	MMS, MES	<ul style="list-style-type: none"> • Volunteers for work group selected by • MMS and MES • Convene conference calls, work through wording of guidance 	<ul style="list-style-type: none"> • Dependency – none. 	<ul style="list-style-type: none"> • 2018 - Complete guidance and develop terminology

MES 2019 Workplan

Engage public education institutions	Strategy 2.1.1: Engage public schools and institutions of higher learning for tsunami preparedness	<ol style="list-style-type: none"> 1. Survey and catalogue where this has occurred 2. 			2019 XX Quarter
“TsunamiReady Tier 2” communities development	Strategy 2.2.2: Increase number of recognized TsunamiReady Tier 2 Communities	<ol style="list-style-type: none"> 1. Develop brochure describing BENEFITS of achieving “TR Tier 2” status 2. Develop NTHMP Vertical Evacuation Guidance <ol style="list-style-type: none"> a. Provide lessons learned from case studies of new construction implementation 1. Develop Guidance for communities use & mitigation regarding existing structures 	TBD		
“TsunamiReady Supporter” communities development	Strategy 2.2.3: Increase number of designated TsunamiReady Supporters	<ol style="list-style-type: none"> 1. Develop brochure describing BENEFITS of becoming a “TR Supporter” 1. Fully develop/define criteria, list of candidates, and provide examples of existing TR Supporter Case Studies 	TBD		

MES 2019 Workplan

Community and Emergency Management Support	Strategy 2.4.1: Engage stakeholders on tsunami preparedness and response	1. Ongoing: Conduct and Report out on Tsunami Campaigns			
Continued improvement to NTHMP Website	Strategy 2.x.x	3. Develop list of areas for improvement (e.g. photos rotating; videos)			

2018 MES Work Plan

Proposed MES-sponsored tasks

https://nws.weather.gov/nthmp/grants/Allowable_FY19.pdf or [Allowable_FY19.pdf](#)

Existing:

1. TsuInfo Alert!
2. TsunamiZone.org
3. Social Science Project
 - a. Evaluate existing products for effectiveness
 - b. Survey Hospitality, Public, Schools
 - c. Determine desired commonalities
4. Complete Maritime Guidance –
 - a. Alert & Notification
 - b. Recovery



Allowable Grant Activities needing MES Endorsement

SUBCOMMITTEE ENDORSED ACTIVITIES						
10	no change	MMS	Update of existing products or development of new products based on existing sources.	Can be requested if an NTHMP Subcommittee requests it and an NTHMP partner agrees to do it to serve NTHMP priorities. Includes identifying and locating the sources; determining a realistic magnitude, epicenter, source size (length and width), displacement/"slip," and other factors of fault/landslide geometry. For probabilistic work, it would also include the recurrence period for various size events on a particular source. May include acquisition of existing paleotsunami deposit data.	Maximum allowable cost on grant is \$75,000 (including applicable indirect costs). Full cost breakdown is required.	Strategy 1.1.1: Identify and address gaps in tsunami source characterization and modeling to improve hazard maps and products.
13	no change	MMS	Tsunami Hazard Assessments for sediment transport effects on sandy beaches and dunes (dynamic erosion from tsunami) and in harbors.	Can be requested if an NTHMP Subcommittee requests it and an NTHMP partner agrees to do it to serve NTHMP priorities.	May be a workshop (travel), pilot study, and production of Guidelines and/or a report for the NTHMP. (Academic journal articles permissible, but submission fees may not be paid with grant funds.)	Goal 1.1: Tsunami hazard assessment that supports informed decision-making Strategy 1.1.3: Identify and address the tsunami hazard assessment and product requirements
21	no change	MES	Develop guidelines to improve community tsunami related planning, education, training, exercises, warning and evacuation products and tools and foster the development of tsunami resilient communities.	Can be requested if an NTHMP Subcommittee requests it and an NTHMP partner agrees to do it to serve NTHMP priorities.		Goal 2.3: Conduct exercises that include tsunami scenarios 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 4.2.1: Encourage authorities to receive and respond to Tsunami Warning Center products Goal 4.3: Ensure effective tsunami response
22	no change	MES, WCS	Conduct social science research to develop and assess the effectiveness of education, outreach, community warning and evacuation programs and materials.	Can be requested if an NTHMP Subcommittee requests it and an NTHMP partner agrees to do it to serve NTHMP priorities.		Strategy 2.1.4: Conduct and incorporate social science evaluation of tsunami education outreach effectiveness Goal 2.4: Engage stakeholders to increase safety through proven and supported products and strategies
23	exclusions clarified	MMS	Create or analyze existing pilot projects and/or hold workshops to help develop and update guidelines for tsunami inundation models and maps that address preparedness, response, mitigation, and recovery planning.	Can be requested if an NTHMP Subcommittee requests it and an NTHMP partner agrees to do to serve NTHMP priorities. May include, but not limited to: Modeling of tsunamis in a built environment, dynamic erosion of dunes through tsunami sediment transport modeling, tsunami sediment transport effects in ports and harbors, meteotsunamis.	May be a workshop (travel), pilot study, and production of Guidelines and/or a report for the NTHMP. May not provide support for research or travel for any employee of the Federal Government. (Academic journal articles permissible, but submission fees are not fundable by grants.)	Strategy 1.1.1: Identify and address gaps in tsunami source characterization and modeling

Mitigation & Recovery Work Group

authorized July 25, 2018

Members may come from the [Mitigation & Education Subcommittee](#) and [Mapping & Modeling Subcommittee](#).

This "working group" is within purview of the Mitigation & Education Subcommittee. No leadership selected.

Purpose: develop a discussion paper for the Coordinating Committee in-person meeting on February 1, 2019, with iterative sharing and input requests leading up to the meeting.

Goals of M&R Working Group:

- Address M&R Strategic Plan elements.
- Review/Provide feedback to existing state products.
- Bring in outside expertise, as needed, to help address technical solutions to the strategic planning elements and state needs.
- Rank potential tasks/projects/guidance and determine what tasks should be included in the first-year annual plan.
- Develop 2-tier guidance system which addresses M&R issues through both low-cost, general products (“recommended” level) and more advanced, site-specific products (“advanced” level).
- Assist states and communities in implementing guidance and creating products.

Example tasks:

- Develop Mitigation Project list
 - Success stories, examples
 - How to Develop/Support/Receive funding for Projects
- Develop Tsunami-relevant Recovery Guidance
- Recovery Lessons Learned
- Nat’l Disaster Recovery Framework-based planning examples from states, counties, etc.

NTHMP Subcommittee & Workload Analysis Paper

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Discussion Questions

<https://nws.weather.gov/nthmp/review/NTHMPSubcommitteeStructureAnalysis.pdf>

Meetings and collaboration

1. What can be done to build more participation in NTHMP activities, to work on the development of products such as Guidelines, and participation in both face-to-face and virtual meetings?
2. What can be done to make meetings more open (free-flowing) for participation by attendees who have different interests?
3. What can or should be done regarding meeting scheduling issues that present conflicts of time for people wishing to engage on certain topics? **Did the change in format to have workshops on Tuesday address this? What worked and what didn't regarding that meeting format change?**
4. Given the constraints on travel funding, what should or can be done regarding perceived needs for more face-to-face workshops and meetings, especially if that means not having Federal agency partners be able to participate due to funding constraints? **What is a reasonable limit the CC would recommend for additional travel placed on grants beyond the two regularly-scheduled meetings?**

Discussion Questions

Meetings and collaboration (cont'd)

5. There has been a recommendation to engage local emergency managers and NWS WCMs beyond inviting them to various meetings. How can we engage these people given the constraints described above?
6. The learning curve to participate fully is steep. What can be done to increase participation from a few core participants and be more inclusive of new members?
7. How do we build on the strength and caliber of the knowledge being developed rather than “hold back” the entire organization to the level of most basic capability of newer partners?
8. Should anything be done differently regarding frequency of subcommittee meetings (in-person and virtual?)

Discussion Questions

Current Subcommittee Structure

9. How should the NTHMP balance interests of serving the nation vs. serving individual states? Should the NTHMP be structured by geographic area rather than subject area?

Note: the History section in Appendix B shows that a geographic structure was attempted in 2006 to 2008, but only the Pacific Region met.

10. Should anything be done regarding subcommittee leadership and frequency of Co-Chair change?

11. Given the constraints on travel funding, should anything be done regarding subcommittee Membership?

Note: there is no restriction on membership to serve on subcommittees. Anyone may serve upon acceptance by the respective subcommittee.

12. Considering a perceived drift from original expectations, should subcommittee statements of purpose and duties (found in each subcommittee's *Terms of Reference*) be revised?

Discussion Questions

Workload

- Much has been discussed in the past several years and presented in this paper about the workload placed upon the NTHMP to consider dynamic and increasing activities that have varying priority for different states.
- Ideas have been floated to create a formal Mitigation Subcommittee, Recovery Subcommittee, or a Mitigation & Recovery Subcommittee.
- Another idea has been presented to form a Pacific Caucus (A geographic organization structure rather than topical) so that the five NTHMP founding states that have a need to address ASCE Chapter 7-16 tsunami load issues, land use planning, and “hard” mitigation, could have a forum in which to meet and conduct business to serve their interests, which are not of priority to the East Coast region, Gulf Coast region, or territories.

Discussion Questions

Workload

13. What can/should be done regarding subcommittee workload?

14. How does the Coordinating Committee support maintaining the duties assumed by the subcommittees and ask them to take on new responsibilities with the limited funding, time and participation we have?

15. Should the tasks assigned to subcommittees be prioritized and some not accepted?

16. What does the Coordinating Committee recommend be done about the workload and a path forward to address gaps and weaknesses identified in this paper?

17. How does the NTHMP bring new members up to speed and keep all members engaged?

18. How can the NTHMP be expanded given constraints described in this paper?

Recommendations for Discussion

There are 5 (with the rest of the questions having no recommendations yet)

NTHMP SUBCOMMITTEE PAPER – RECOMMENDATIONS FOR CC CONSIDERATION AND ACTION

Topic of Concern	Recommendation	Applicable NTHMP governing document	Actions required to implement recommendation	Leadership and accountability	Comments, additional thoughts
<p>Recommendation #1</p> <p><u>Related to CC questions #1, #2, and #3</u></p> <p>NTHMP meetings are not specifically meant to address only grant-funded topics, yet this seems to be a direction we've gone lately. The NTHMP is a forum for all tsunami topics for all members and should continue to expand capabilities based on new knowledge, experience, and opportunities to develop coordination and consistency among member states and territories.</p>	<p>Convene some existing meetings to coincide with science (AGU), engineering (EERI), and emergency management (IAEM) conferences and leverage authoritative and collective non-member expertise to benefit the program.</p> <p>Invite SMEs from various disciplines including mitigation, engineering and more to participate with NTHMP.</p> <p>May consider leveraging existing meeting as described above with NTHMP workshops.</p>	<p><i>NTHMP Strategic Plan (Mission & Vision)</i></p>	<ol style="list-style-type: none"> 1. Discuss and plan at coordinating committee meeting(s). 2. Plan for future meetings on a trial basis (year 1) 3. Alternate among conferences? (Science, Emergency Management, Engineering) 4. Overcoming logistical obstacles. 	<p>CC Approval of calendar and location recommendations</p>	<p>We can test and discuss effectiveness after trying this at least once or twice.</p> <p>Not talking about new meetings – talking about existing meetings.</p> <p>NTHMP Administrator's comments:</p> <p>Per NOAA General Counsel, NOAA/NWS grant funds cannot support registration fees for AGU, EERI, IAEM, or similar meetings because they are not specific enough to tsunami.</p> <p>A plan to convene meetings at other conferences must consider that we should not place a demand on NTHMP members to register</p>

Recommendations for Discussion

There are 5 (with the rest of the questions having no recommendations yet)

					<p>for a conference that grant funds cannot support. That would be an unfunded mandate.</p> <p>Meeting space for NTHMP not available.</p> <p>See separate backgrounder on this matter.</p>
<p>Recommendation #2 <i>Note: similar to Rec. #3</i> <u>Related to CC Q#4</u> States in the Pacific have some specific needs that could use focus of a Caucus meeting opportunity to coordinate capability, share ideas, learn/share expertise, and develop actions. Relevant topics include “hard mitigation” needs, building code, land-use planning, Recover planning, policy and legislative recommendations, and more.</p>	<p>Form a Pacific Caucus to provide an NTHMP-sanctioned forum</p>	<p><i>NTHMP Rules of Procedure</i></p>	<ol style="list-style-type: none"> 1. Get commitment from states to participate 2. Nominate leader(s) 3. Create accountability measurement reporting process 4. Obtain CC approval 	<p>Decide who will lead the Caucus and obtain agreement to serve.</p> <p>The leader(s) of this Caucus should not also be a leader of any other subcommittee or caucus.</p> <p>Develop accountability measurement tool, such as an Annual Work Plan</p> <p>Provide periodic progress reports to the CC</p>	<p>Subcommittees Work Group suggests two hour meeting held concurrently with Island Caucus. Virtual meetings may occur throughout the year.</p> <p>After 1-year trial, if successful, will need to develop Caucus <i>Terms of Reference</i> to codify how Caucus will operate.</p>

Recommendations for Discussion

There are 5 (with the rest of the questions having no recommendations yet)

<p>Recommendation #3 <u>Related to CC Q#4</u></p> <p><i>Note: similar to Rec. #2</i></p> <p>Addressing mitigation and recovery planning</p>	<p>Form a trial workgroup within the NTHMP to look at ways to address M&R for states that want to pursue this</p>	<p><i>NTHMP Rules of Procedure</i></p>	<ol style="list-style-type: none"> 1. Get commitment from members/states to participate in trial workgroup 2. Nominate leader(s) 3. Create accountability measurement reporting process/ document to develop 4. Obtain CC approval 	<p>Decide who will lead the workgroup and obtain agreement to serve.</p> <p>The leader(s) of this Work Group should not also be a leader of any other subcommittee or caucus.</p> <p>Develop a goal for the first year to test if a workgroup is the best format for this effort</p> <p>Provide periodic progress reports to the CC</p>	<p>Subcommittees Work Group suggests two hour meeting held concurrently with Island Caucus. Virtual meetings may occur throughout the year.</p> <p>After 1-year trial, if successful, will need to develop into a caucus or formal subcommittee in the <i>Terms of Reference</i> to codify how a caucus or subcommittee would operate.</p>
<p>Recommendation #4 <u>Related to CC question #5</u></p> <p>Not enough people participate in various collaborative/cross-state initiatives, work groups, meetings, and projects between the two face to face meetings.</p>	<p>1. Beginning with subcommittee meetings, rotate responsibility among member states (as opposed to solely Co-Chairs). For instance, have an annual rotating Secretary who sets the agenda.</p>	<p><i>NTHMP Rules of Procedure, Grant Allowable Activities</i></p> <p>Each position would have to be identified in January, added to a grant proposal, be recommended for funding, be awarded, then work only within the</p>	<ol style="list-style-type: none"> 1. Discuss at Annual Meeting with all three subcommittees together 2. Three different states or territories would need to designate one person for this role who will commit to carrying out this activity within a 	<ol style="list-style-type: none"> 1. Subcommittee Co-Chairs will lead 2. State / territory partners will commit personnel and include necessary cost figures in grant proposal. 3. NTHMP CC will confirm. 	<p>1 year selections in first year.</p> <p>Subcommittee Work Group estimates 400 hours/year for staff time to serve as Subcommittee Secretary.</p> <p>This establishes a precedent on grant funding that will</p>

Recommendations for Discussion

There are 5 (with the rest of the questions having no recommendations yet)

	<p>coordinates the meeting, and serves as a note-taker.</p> <p>2. Funding to pay for hours by a grant-funded staffer to serve as Subcommittee Secretary (MES, MMS, WCS). Partners should be compensated for time spent away from state-specific activities for the greater good of the nation.</p>	<p>grant performance period from September 1 to August 31. This schedule is different from when Co-Chairs are elected (as it stands now.)</p>	<p>grant performance period.</p> <p>3. Bring to CC</p> <p>4. Motion and vote at CC</p>		<p>require review and approval by NOAA General Counsel.</p> <p>Funding that goes with it must be related to the cost of that person's time per the individual's salary, fringe benefit and indirect rates. Based on actual salaries, fringe benefits, and indirect cost rates from FY18 grants, 400 hours of staff time can range from \$8,800 to \$25,900 each depending on employer.</p>
<p>Recommendation #5</p> <p><u>Related to CC question #15</u></p> <p>Limited amount of time for current NTHMP members to lead, organize, and manage the workload currently on the plate of each subcommittee.</p>	<p>Recommendation:</p> <p>1. Do a strategic review of all activities on the plate for each subcommittee.</p> <p>2. Review should be done by an external SME.</p> <p>3. Develop a list of priorities for these activities. What activities are most important for national tsunami capabilities? Which activities are specific only to one or a few states?</p>	<p><i>NTHMP Subcommittee Terms of Reference</i></p>	<p>Develop recommendations for the Coordinating Committee to enable a deliberate decision on what activities will be taken on by subcommittees and which ones will not be done based on available resources (people, funding, time.)</p>	<p>1. Subcommittee Co-Chairs will lead</p> <p>2. External SME(s) will conduct review</p> <p>3. Recommendations developed for CC.</p> <p>4. NTHMP CC will confirm</p>	<p><i>NTHMP Administrator Comments:</i></p> <p>The subcommittees have many activities on their plates and need to be strategic on deciding priorities for work to be done with acknowledgement to available resources (time, personnel, funding.)</p> <p>It really is okay to say, "sorry, we don't have resources to do this now, but we will consider it in the future."</p>