

NTHMP MES Meeting

January 21, 2026

Agenda:

- Welcome and Sign In
- MES Partner Announcements
- 'Tsunami Aware' recognition
- MES Work Plan Discussion
- Next Meeting and Closing

****Please enter your name and affiliation in the chat.**

MES Partner Announcements

- Please use the raise your hand button if you would like to make an announcement to the group.

TsunamiAware Recognition Option

- Presentation by Ed Fratto, Executive Director
Northeast States Emergency Consortium (NESEC)

NTHMP MES Work Plan Review

Work Plan Activity Review

- 1) Will the activity continue or not?
- 2) Are there any updates or needs for the MES?

Next Meeting

- Date/Time
 - Wednesday, March 18, 2026
 - 1300-1400 PT
- Topics:
 - NTHMP Annual Meeting Planning

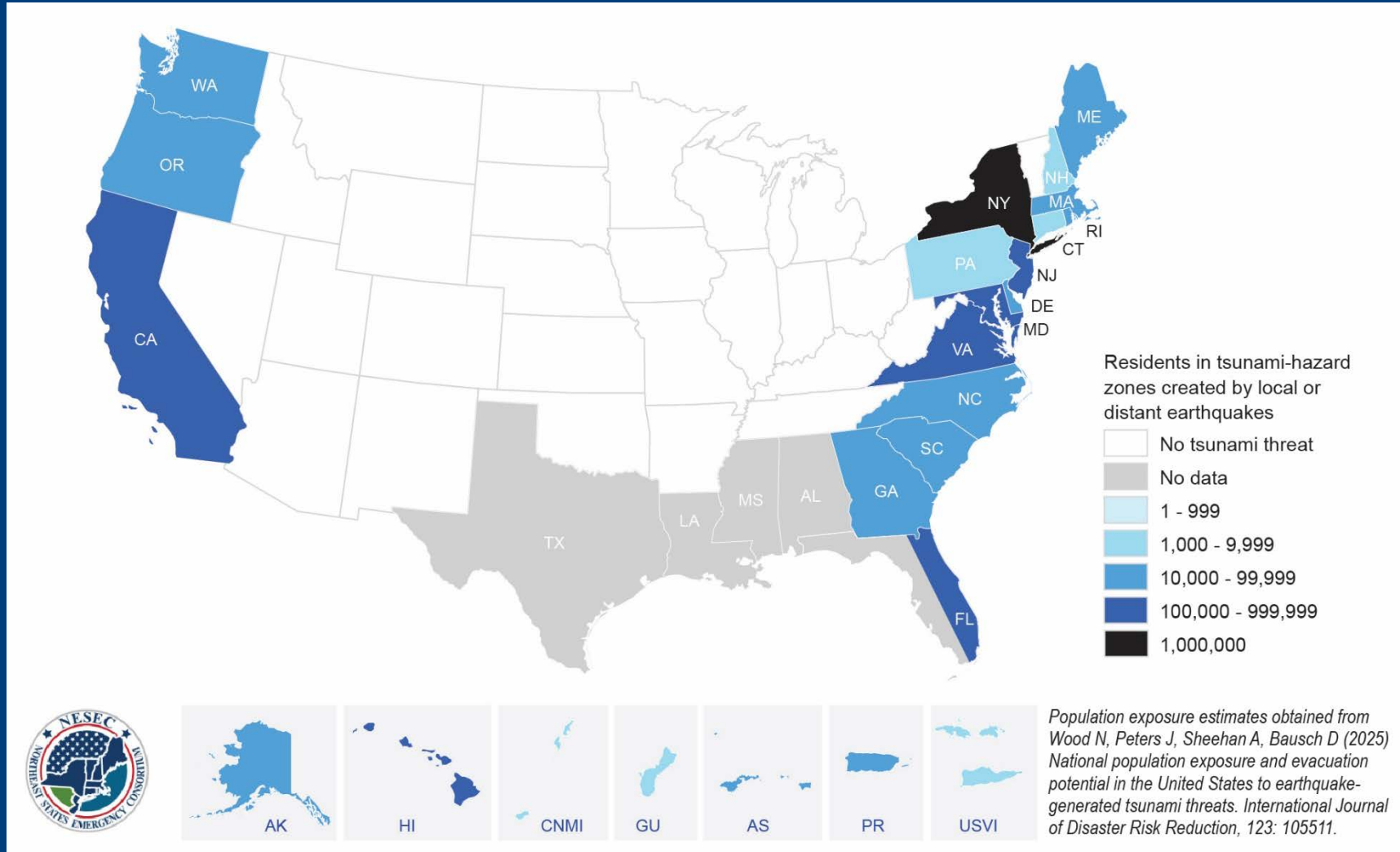
Establishing a TsunamiAware Recognition Option



Ed Fratto, Executive Director
Northeast States Emergency Consortium (NESEC)

Over 2.5 M USEC Residents Live in Tsunami Hazard Zones

1M in New York and 600 K in Florida



The US East Coast Receives Monthly Tsunami Warning Center Tests



Product: WEXX20 PIL Header: TSUAT1		Start of Test Time Zones:	UTC	1630		
		12/16/2025				
Telecommunications Systems						
National Weather Service - AWIPS / GTS		AWIPS IDENTIFIER: ANCTSUAT1		Message Received	Comment	NAWAS Response
Eastern Region Coastal Forecast Offices		TMA code				
WFO Caribou ME	TMACAR SEUS41 KCAR	ME	x			
WFO Gray/Portland ME	TMAGYX SEUS41 KGYX	ME	x			
WFO Boston MA	TMABOX SEUS41 KBOX	MA	x			
WFO New York NY	TMAOKX SEUS41 KOKX	NY	x			
Philadelphia PA / Mt Holly NJ	TMAPHI SEUS41 KPHI	PA / NJ	x			
Wakefield VA	TMAAKO SEUS41 KAKO	VA	x			
Newport/Morehead City NC	TMAHMX SEUS42 KMHX	NC	x			
Wilmington NC	TMAILM SEUS42 KILM	NC	x			
Charleston SC	TMAHCS SEUS42 KCHS	SC	x			
Southern Region Coastal Forecast Offices			0:00			
Jacksonville FL	TMAJAX SEUS42 KJAX	FL	x			
Melbourne FL	TMAMB SEUS42 KMLB	FL	x			
Miami FL	TMAMFL SEUS42 KMFL	FL	x			
Key West FL	TMAKEW SEUS42 KKEY	FL	x			
Tampa FL	TMATBW SEUS42 KTBW	FL	x			
Tallahassee FL	TMATAE SEUS42 KTAE	FL	x			
Mobile AL	TMAMOB SEUS44 KMOB	AL	x			
New Orleans LA	TMALIX SEUS44 KLIX	LA	x			
Lake Charles LA	TMALCH SEUS44 KLCH	LA	x			
Houston TX	TMAHGX SEUS44 KHGX	TX	x			
Corpus Cristi TX	TMACRP SEUS44 KCRP	TX	x			
Brownsville TX	TMABRO SEUS44 KBRO	TX	x			
San Juan PR	TMASJU SECAR42 TJSJ	PR	x			
https://forecast.weather.gov/product_sites.php?site=CRH&product=TMA						
Hurricane/Tropical Prediction Center		FL	x			
Canada						
https://www.burqam.com/commtest/ovwf.php						
Forecasting Center in Toulouse	permanence-dprevi@meteo.fr	FR	x			
Forecaster St.-Pierre and Miquelon arch.	previ975@meteo.fr	FR	x			
Meteorological Service of Canada	Nova Scotia - @canada.ca					
Environment Canada	telecom@ec.gc.ca	NS	x			
FEMA NOAA Weather Wire			0:00			
Region I	Maine EMA - Dept of Public Safety	ME	x			
Region I	Connecticut Office of Emergency Management - State Police HQ	CT	x			
Region I	Massachusetts Emergency Management Agency (MEMA)	MA	x			x
Region I	New Hampshire Bureau Of Emergency Management - State Police	NH	x			
Region I	Rhode Island Emergency Management Agency (State Police)	RI	x			x
Region II	New York State Emergency Management Office (SEMO)	NY	x			x
Region II	New Jersey Office of Emergency Management - NJ State Police HQ	NJ	x			x
Region III	Delaware Emergency Management Agency - State Police	DE	x			
Region III	Maryland Department of Emergency Management - Joint Ops Center	MD	x			
Region III	Pennsylvania Emergency Management Agency	PA	x			
Region III	Virginia Emergency Operations Center	VA	x			x
Region IV	North Carolina Division of Emergency Management (State Hwy Patrol 919-73)	NC	x			x
Region IV	South Carolina Emergency Management Division	SC	x			x
Region IV	Georgia Emergency Management Agency (GEMA)	GA	x			x
Region IV	Florida Division of Emergency Management	FL	x			x
Region IV	Alabama Emergency Management Agency	SWP - 205-280-2310 or 800-843-0699	AL	x		x
Region IV	Mississippi Emergency Management Agency (MEMA)		MS	x		x
Region IV	Louisiana Office of Homeland Security and Emergency Preparedness (LHLSEP)		LA	x		x
Region VI	Texas Division of Emergency (TDEM) - The Watch		TX	x		
Canada	Government of Canada Operations Centre (GOC-COG)		ON	x		x
Region II	Puerto Rico Emergency Management Agency (PREMA) (Control AEMEAD). <i>No longer tested. Response optional!!</i>		PR			x
Military and U.S. Coast Guard			0:00			
USCG COMMCOM, Chesapeake (relay to CGMS)		VA	x			
USCG District 1, Boston		MA	x			
Atlantic Area Command Center - Portsmouth, USCG Atlantic Area - VA (replaces District 5 entry)		LANTWATCH	VA	x		
USCG District 7, Miami		FL	x			
USCG District 8, New Orleans		LA	x			x
FLEWEACEN, Norfolk		NAVVARFCSTCEN	VA	x		
Test...Tsunami Message Number 1...Test		Total participation in test:		100.0%		
		Phone calls to nonresponders:		0.0%		
		Total participation in NAWAS:			65.2%	

BUT WHAT IF A TSUNAMI WARNING IS ISSUED TONIGHT ?
IS THE EAST COAST READY?



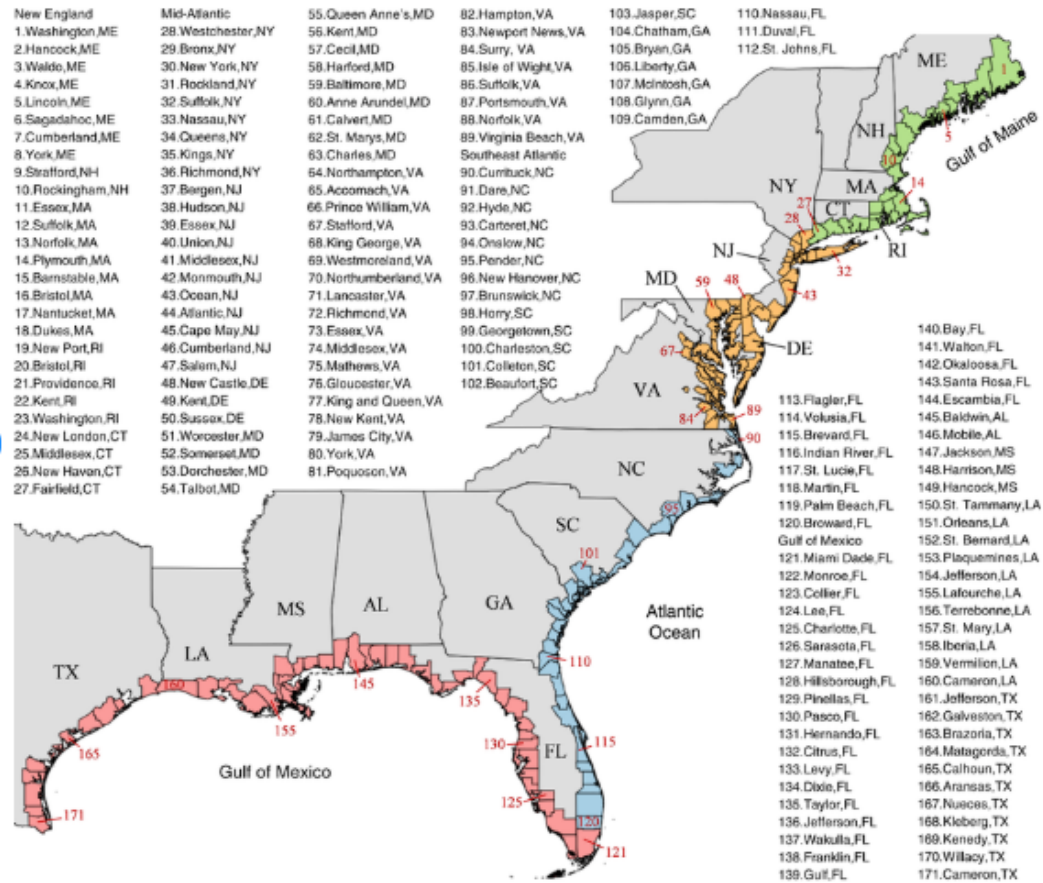
There are 121 Counties on THE USEC...

Figure - available from: [Nature Communications](#)

This content is subject to copyright. [Terms and conditions](#) apply.

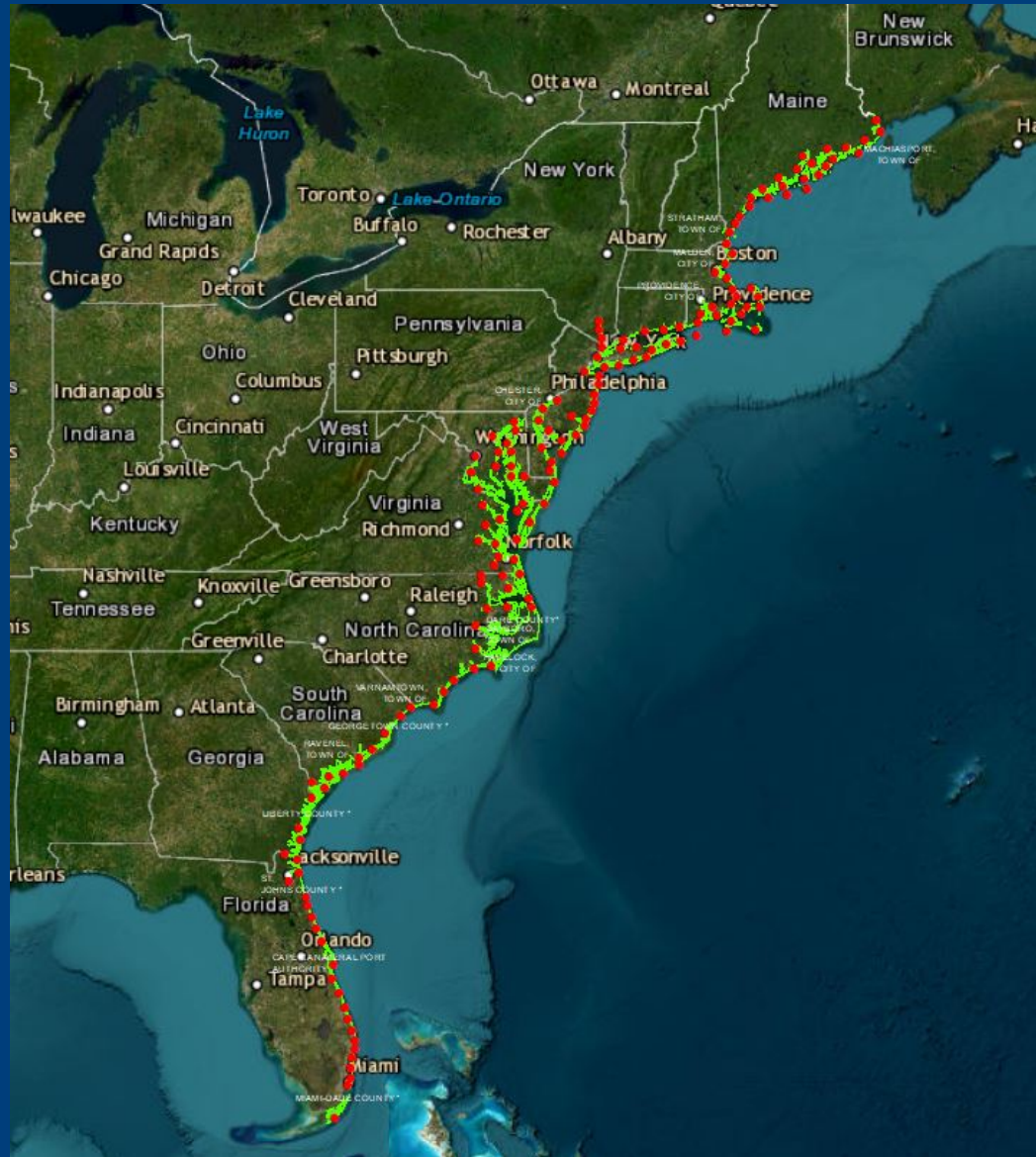
Download

View publication

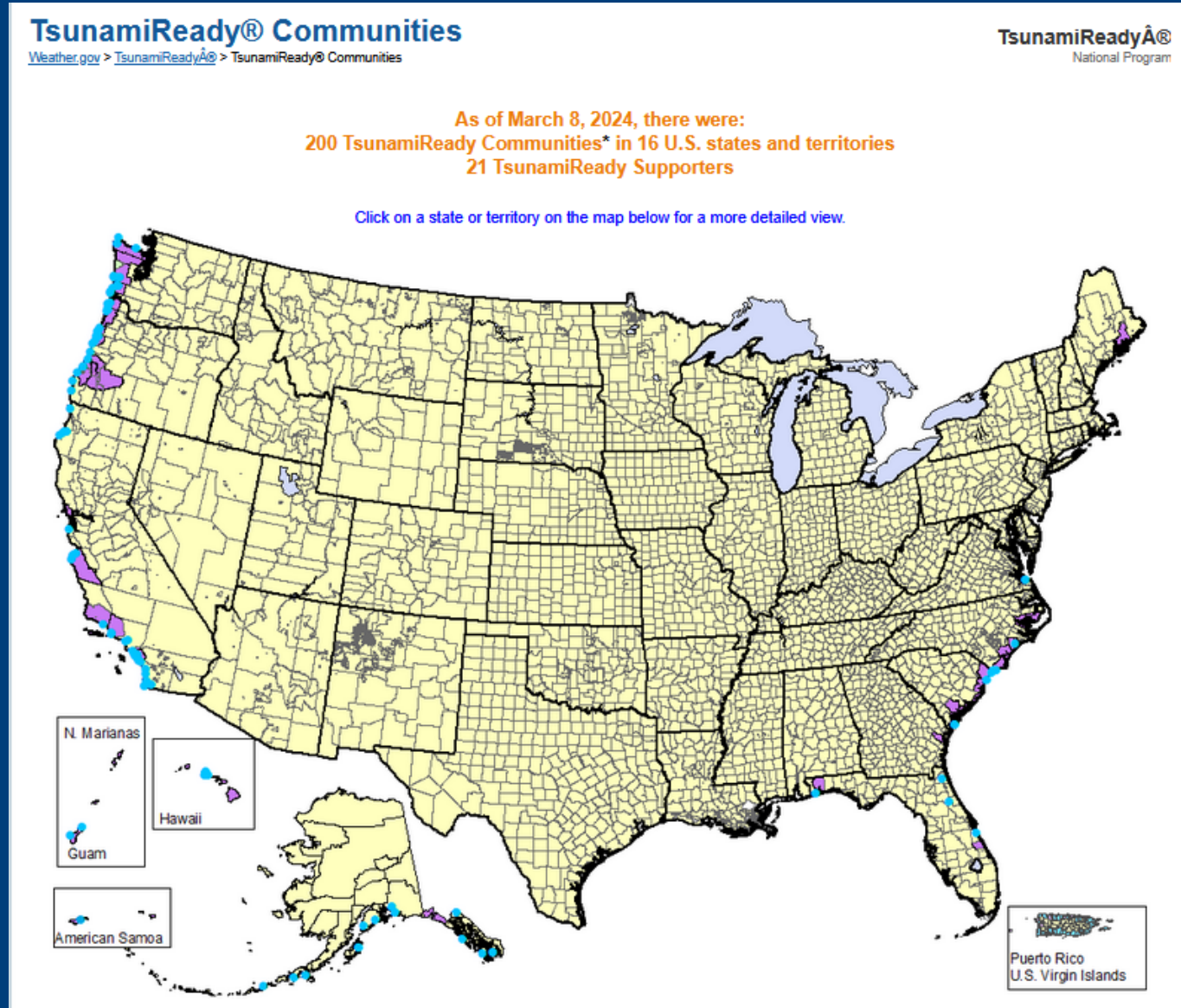


Coastal counties along the US Atlantic and Gulf Coasts (numbers represent the county ID). The study area is divided into four regions: New England (green), mid-Atlantic (orange), southeast Atlantic (blue), and Gulf of Mexico (red). Source data are provided as a Source data file

653 communities..



and 26 or only about 4% are TsunamiReady



Tsunami Ready East Coast Communities Barriers to Entry



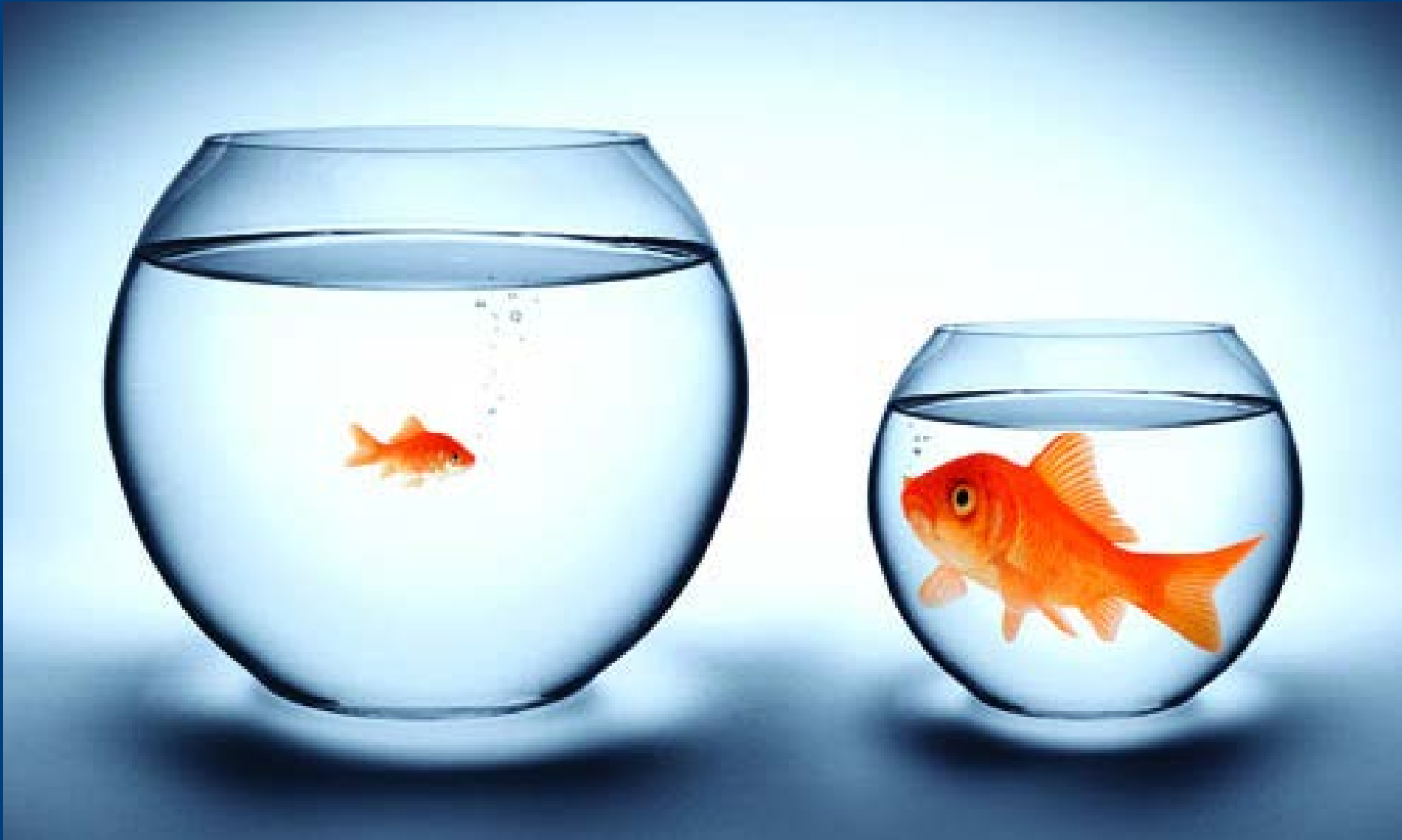
- Low perceived tsunami risk
- Cost/Benefit imbalance (requirements vs. perceived risk)
- Growing competing coastal threats (hurricanes, tropical storms, noreasters, etc)
- Diminishing EM resources
- Hazard zone signage requirements
- Recurring evacuation drills
- Ongoing sustained hazard awareness
- No intermediate milestone (interest stalls without achievable first step)

Proposed Solution – TsunamiAware Option

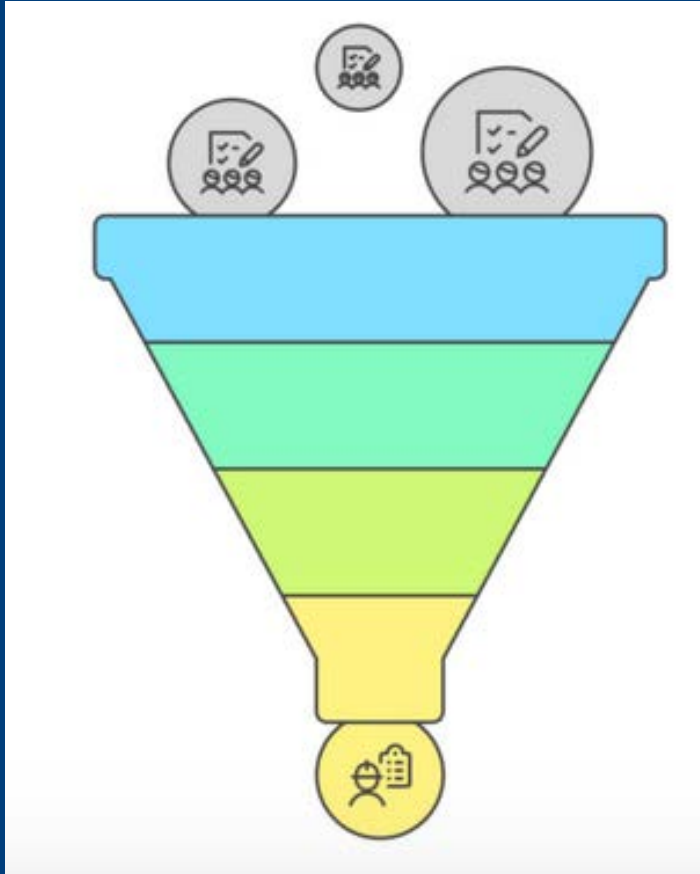


- Hazard awareness
- Receive warnings
- Notify the public
- Develop a basic plan
- Prepare a Hazard map
- Conduct a risk assessment

Not Lowering TsunamiReady Standards - Right Sizing them for the USEC



Seven Right-Size Requirements



TsunamiAware Requirements

1. Hazard zones mapped (MIT1)
2. Hazard data in mitigation plan (MIT2)
3. Evacuation map posted online (PREP1)
4. Tsunami procedures in EOP (RESP1)
5. EOC activation/support (RESP3)
6. Redundant alert reception systems (RESP4)
7. Redundant public alert dissemination methods (RESP5)

Strategic Plan Alignment

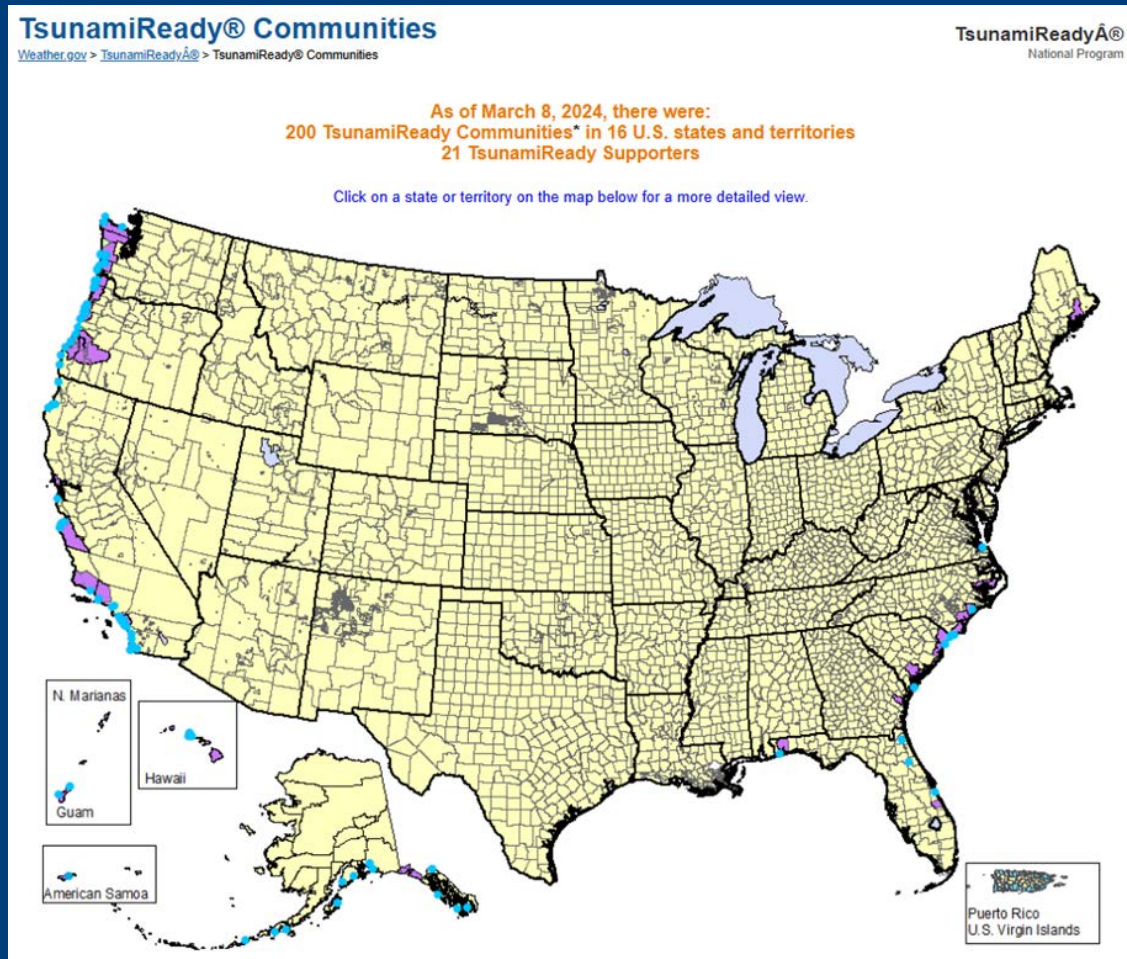


United States National Tsunami
Hazard Mitigation Program
Strategic Plan for 2024 - 2029



- Theme 1 Hazard & Risk Assessment
Communities Identify Tsunami Hazard Areas
- Theme 2 Education & Preparedness
Communities Build Foundational Tsunami Preparedness
- Theme 4 Alert, Warning & Response
Verified Warning Reception & Dissemination
- Efficient Resource Use
Leverage Existing Federal, State and Local Data and Resources

Why TsunamiAware is Needed

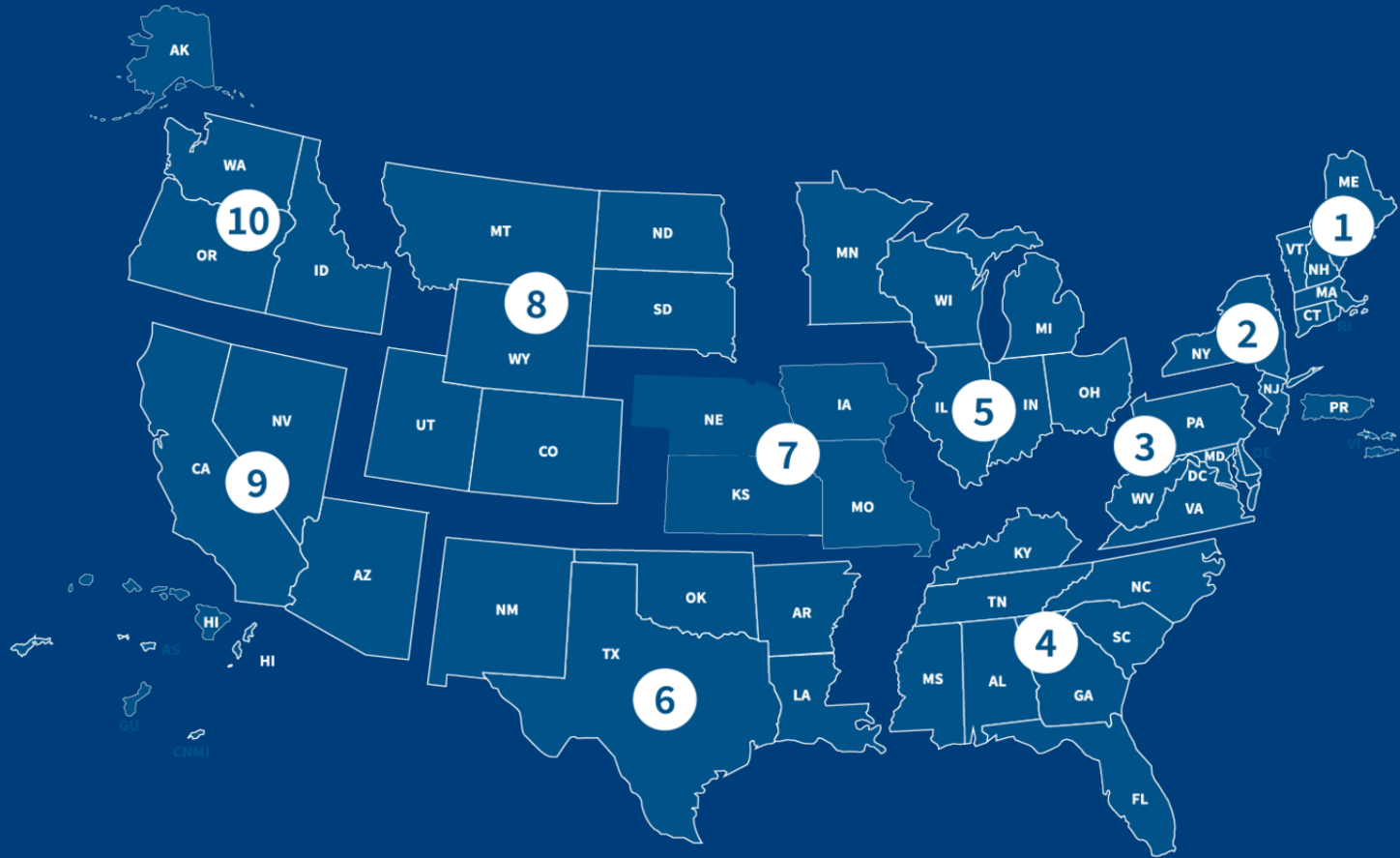


- USEC has only 26 (4%) TsunamiReady Communities
- 96% have no tsunami preparedness designation
- If only 25% of USEC Communities became TsunamiAware - six fold improvement in preparedness
- If 50% participated - order of magnitude improvement

We Need the Regional Weather Forecast Offices to Participate and Encourage Participation of State and Local Emergency Managers



We Need the Regional FEMA Offices to Participate and Encourage Participation of State and Local Emergency Managers



We Need the Regional Coast Guard Offices to Participate and Encourage Participation of State and Local Emergency Managers

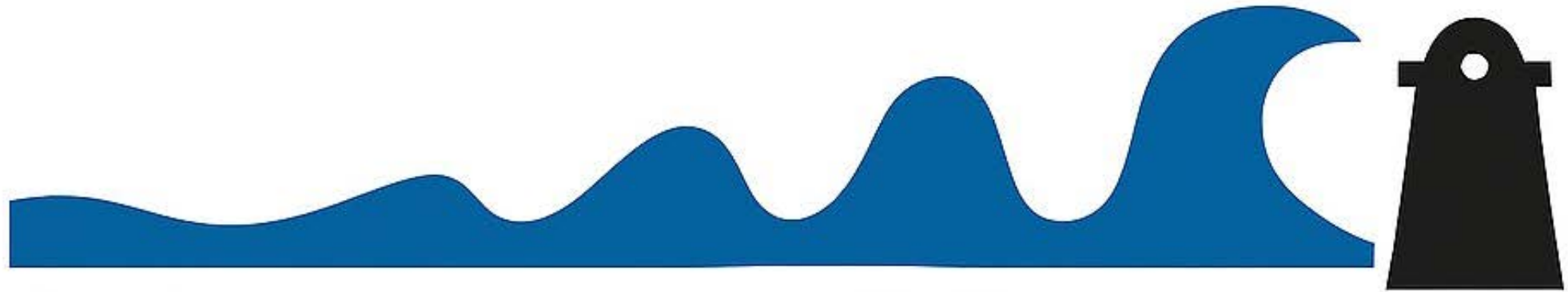


TsunamiAware Exponentially Increases Opportunities to Achieve NTHMP Metrics



- Improves Public Safety
- Strengthens the NTHMP
- Demonstrates National Progress
- Justifies Continued Federal Investment

Let's Work Together to Empower USEC Communities to Become TsunamiAware



TsunamiAware

NTHMP MES Meeting, March 18, 2026

Skylar Suiso, HIEMA; Nick Graehl, CGS; Sarah Rogowski, NOAA; Althea Rizzo, Oregon; Stephanie Ross, USGS; Robert White, BC EMCR; Todd Becker, Cal OES; Stephen Cahill, Guam MES; Mike Lucio, AK DHS&EM; Pat Leisure, NOAA; Regina Browne, VITEMA; Nic Arcos, NOAA; Gregory Schoor, NOAA; Ed Fratto NESEC; Don Leisure, NOAA; Dave Snider, NOAA; Christa VonHilbrandt, NOAA; Ethan Weller, WA EMD; Rebecca Heim, NOAA; Elyssa Tappero WA EMD; Althea Rizzo, OEM; Victor Huerfano, PRSN; Jeremy Agee, AK DHS&EM; Ling Liu, NOAA; Aukusitino Steffany, AS DHS

Caribe Wave 26, Registration on TsunamiZone is over 460k. Scenarios: Cayman Islands source and Kick'em Jenny Volcano. Puerto Rico and USVI are using the volcano scenario.

NTWC coordinating with TsunamiZone for PACIFEX for registration.

ACTION: If you did not receive emails about the exercise, please let someone at NTWC know so you can be added.

Tori Tsunami and Teo Earthquake video launched. Audience visually impaired or deaf children. This resource includes sign language and special effects to make tsunami and earthquake safety information accessible to all, with English and Spanish versions coming soon. This is a collaboration between ITIC and PRSN.

MES on NTHMP Website.

- Sarah R. has been building it out.
- May not be the best place for a “base camp” for document storage.
- Primarily a landing place for MES meeting info/notes and work plans.
- Consider including NTHMP-funded mitigation and education docs would be good, maybe, since those have to be publicly available anyway. Oregon's debris guide, our wayfinding guide, etc. (*comment from E. Tappero*)

ACTION: Call to MES for any resources you may want to have posted. Please share with the MES Co-chairs past documents and/or final products of NTHMP funded work.

MES Meeting in May (in-person):

Request from MES Co-chairs went out for a call for discussion topics. Session will be 60 -min for MES. WA EMD and Island Caucus will have a separate session about hospitality industry session and cruise ship evacuation planning.

Discussion about MES briefings:

- Sarah notes that there may be an option for “NTHMP-wide Brief outs”. Discussion about how this may make the brief-outs to rushed, unless a large chunk of time was dedicated.
- Discussion about how brief outs are beneficial.
- Focus on updates and deeper discussion about topics that are meaningful or how we may have been struggling.
- Need to consider how we structure time.
- It would be good to have examples in the room of materials we have so you can see it more clearly than on a slide. Materials could be shipped to WA office ahead of time.
- Regions should coordinate their MES/MMS/WCS briefings so they don't overlap too much as many will be in attendance
- Overall, it seems that partner briefs are what people want, but maybe they don't need to be mandatory.

ACTION: MES Co-chairs will send out an email to partners to see if they want to submit a brief and how much time you would like to take if available.

We will work at developing at 60-minute agenda for the MES Annual meeting by next week.

MES Co-chair openings:

Todd ends in Nov 2026

Nic ends in January 2027

ACTION: Call for people to fill the State and Federal Position.

For NTHMP Annual meeting:

- Make your hotel reservations if not done already.
- Some meeting room space limitations, they are being worked out.
- Virtual option will be available.
- Other discussion on travel logistics.

ACTION: Please contact Elyssa Tappero if you would like to ship materials to display/distribute at the annual meeting in May.

NTHMP MES Meeting March 18, 2026

Agenda:

- Welcome and Sign In
- MES Partner Announcements
- MES on NTHMP website
- MES at in-person meeting in May
- Next Meeting and Closing

****Please enter your name and affiliation in the chat.**

MES Partner Announcements

- CARIBE WAVE 26 exercise on March 19, 2026
- PACIFEX tsunami exercise on May 5th, 2026
 - Register your on TsunamiZone.org
- **Please use the raise your hand button** if you would like to make an announcement to the group.

***Please enter your name and affiliation in the chat.*

MES on NTHMP website

<https://www.weather.gov/nthmp/SubEducation>

Additional resources you'd like to see? Email co-chairs

Currently:

- Overview of MES
- Meeting Info/Notes
- Work Plans

***Please enter your name and affiliation in the chat.*

MES meeting in May

- Tentatively 60 minutes for MES, *might request 90 minutes*
- Possibly WA EMD and Island Caucus will have a 60-minute session to discuss hospitality industry (including a focus on cruise ship evacuation)
- Options for MES time:

(a) **Partner briefings focusing on one or two selected topics** (i.e., TsunamiReady, WEA outreach, etc.). If so, what topic area(s) would you like addressed?

Alternatively, could have a topics be on any MES prioritized strategies:

- Develop, update, and disseminate consistent outreach materials;
- Promote effective planning for tsunami preparedness response;
- Conduct training and outreach events and campaigns.

(b) **A single topic selected for a 'workshop' type session.** Are you looking to gain feedback and discussion on a specific MES focus area and would like to use the May meeting for it?

If you have an topic you would like considered, please come prepared to discuss it at the March meeting and send the co-chairs an email beforehand.

(c) MES Workplan updates ***NEW***

Next Meeting

- Date/Time
 - Week of May 11, 2026
 - In-person in Seattle (*possible virtual component*)

- MES co-chairs openings

Todd ends his 2nd (and last term) at the end of November 2026 (State/Territory)

Nic ends his 2nd (and last term) at the end of January 2027 (Fed)

Please consider this leadership opportunity