## Overview of the agenda, logistics and introductions of those in attendance.

### Tsunami Preparedness Week Activities Overview

Presentations and discussions included California, Hawaii, Puerto Rico, Alaska, Oregon, Washington, NOAA, American Samoa, USVI.

Christa Rabenold NOAA report out on:

- 2015 social media, graphics, text and how to leverage PIOs to readily share information.
- In May we held a re-cap conference call summarizing the year’s series of planning calls for Tsunami Preparedness Week/Campaigns.
- Will restart conference calls for 2016 in November.
- NTHMP needs to decide on date of 2016 Tsunami Preparedness Week.
- Pacifex movement to June (Cascadia Rising), Lantex - March 16, Caribe Wave - March 17 (moved to mid-March to accommodate Easter holidays)#TsunamiPrep

### Tsunami Zone presentation – Mark Benthien

<table>
<thead>
<tr>
<th>Name</th>
<th>Agency</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tamra Biasco, MES co-chair</td>
<td>FEMA Region 10</td>
<td><a href="mailto:tamra.biasco@fema.dhs.gov">tamra.biasco@fema.dhs.gov</a></td>
</tr>
<tr>
<td>Kevin Miller, MES co-chair</td>
<td>California OES</td>
<td><a href="mailto:Kevin.Miller@CalOES.ca.gov">Kevin.Miller@CalOES.ca.gov</a></td>
</tr>
<tr>
<td>Laura Kong, MES co-chair</td>
<td>NOAA ITIC</td>
<td><a href="mailto:laura.kong@noaa.gov">laura.kong@noaa.gov</a></td>
</tr>
<tr>
<td>Christa von Hillebrandt</td>
<td>NWS/CTWP</td>
<td><a href="mailto:Christa.vonH@noaa.gov">Christa.vonH@noaa.gov</a></td>
</tr>
<tr>
<td>Althea Rizzo</td>
<td>Oregon OEM</td>
<td><a href="mailto:althea.rizzo@oem.state.or.us">althea.rizzo@oem.state.or.us</a></td>
</tr>
<tr>
<td>Nate Wood</td>
<td>USGS</td>
<td><a href="mailto:nwood@usgs.gov">nwood@usgs.gov</a></td>
</tr>
<tr>
<td>Wilfredo Ramos</td>
<td>Puerto Rico EMA</td>
<td><a href="mailto:wramos@prema.pr.gov">wramos@prema.pr.gov</a></td>
</tr>
<tr>
<td>Aimee Devaris</td>
<td>NOAA/NWS</td>
<td><a href="mailto:Aimee.devaris@noaa.gov">Aimee.devaris@noaa.gov</a></td>
</tr>
<tr>
<td>Mike Angove</td>
<td>NOAA/NWS</td>
<td><a href="mailto:Michael.angove@noaa.gov">Michael.angove@noaa.gov</a></td>
</tr>
<tr>
<td>Christa Rabenold</td>
<td>NOAA/NWS</td>
<td><a href="mailto:christa.rabenold@noaa.gov">christa.rabenold@noaa.gov</a></td>
</tr>
<tr>
<td>Kelly Stroker</td>
<td>NOAA/NCEI</td>
<td><a href="mailto:Kelly.stroker@noaa.gov">Kelly.stroker@noaa.gov</a></td>
</tr>
<tr>
<td>John Schelling</td>
<td>Washington EMD</td>
<td><a href="mailto:John.Schelling@mil.wa.gov">John.Schelling@mil.wa.gov</a></td>
</tr>
<tr>
<td>Vinnie Atofau</td>
<td>American Samoa</td>
<td><a href="mailto:v.atofau@asdhs.as.gov">v.atofau@asdhs.as.gov</a></td>
</tr>
<tr>
<td>Kevin Richards</td>
<td>Hawaii EMA</td>
<td><a href="mailto:krichards@scd.hawaii.gov">krichards@scd.hawaii.gov</a></td>
</tr>
<tr>
<td>Anne Gravier</td>
<td>Alaska DHSEM</td>
<td><a href="mailto:ann.gravier@alaska.gov">ann.gravier@alaska.gov</a></td>
</tr>
<tr>
<td>Chayne Sparagowski,</td>
<td>Gulf Coast States</td>
<td><a href="mailto:chayne.cbcog@gmail.com">chayne.cbcog@gmail.com</a></td>
</tr>
<tr>
<td>Mona Barnes</td>
<td>U.S. Virgin Islands</td>
<td><a href="mailto:mona.barnes@vitema.vi.gov">mona.barnes@vitema.vi.gov</a></td>
</tr>
<tr>
<td>Rocky Lopes</td>
<td>NOAA/NWS</td>
<td><a href="mailto:Rocky.Lopes@noaa.gov">Rocky.Lopes@noaa.gov</a></td>
</tr>
<tr>
<td>Cindi Preller</td>
<td>NOAA/NTWC</td>
<td><a href="mailto:Cindi.preller@noaa.gov">Cindi.preller@noaa.gov</a></td>
</tr>
<tr>
<td>Mark Benthien</td>
<td>SCEC</td>
<td><a href="mailto:benthien@usc.edu">benthien@usc.edu</a></td>
</tr>
<tr>
<td>Stephanie Ross</td>
<td>USGS</td>
<td><a href="mailto:sross@usgs.gov">sross@usgs.gov</a></td>
</tr>
<tr>
<td>Rick Wilson</td>
<td>CA Geological Survey</td>
<td><a href="mailto:Rick.wilson@conservation.ca.gov">Rick.wilson@conservation.ca.gov</a></td>
</tr>
<tr>
<td>Karen Parmelee</td>
<td>OR EM</td>
<td><a href="mailto:Karen.parmelee@state.or.us">Karen.parmelee@state.or.us</a></td>
</tr>
<tr>
<td>Jeri Siegel</td>
<td>Cal OES</td>
<td><a href="mailto:Jeri.siegel@caloes.ca.gov">Jeri.siegel@caloes.ca.gov</a></td>
</tr>
</tbody>
</table>
• ShakeOut, Preparathon, TsunamiZone branding
• CARIBEwave, California Registration capabilities will solidify and bookend TsunamiZone development as a national resource for preparedness.
• UNESCO: TsunamiReady

**TsunamiReady Guidelines Overview and feedback – Althea Rizzo:**
• The new TsunamiReady Application will require OMB approval which can take up to a year. The new Guidelines do not require OMB approval, but can’t be fully implemented until a new application is approved.
• Tier 1 and Tier 2 guidelines approved by MES
• National TsunamiReady Board – MES involvement – MES approves 2 reps to be on National TsunamiReady Board (Alaska and Hawaii)
• Grandfathering- Agreed to finalize grandfathering when guidelines are going through OMB approval. Discussion included 3yr, 1 yr, other.

**Evacuation Guidelines:** Discussion by the MES included: Comparisons to earthquake modeling, range of products needed, Inundation vs. Evacuation maps, community resources, state of science, best practices, and assumptions (distant vs. near).

• **Tasks:** John Schelling will provide an updated timeline, OR will volunteer to write narrative, flow charts on the process of mapping. Kevin Miller will provide an example write up.

**Investment Report:** Discussion included: accomplishments, strategies, the future goals/objectives Primary Audience is Congress and NOAA leadership; other documents that need to be created to support this were discussed.

• *Current Tasks: Additions, corrections, and comments due by July 31.*
• *Population at Risk in tsunami inundation zone question will be asked and please supply Rocky an answer by July 31.*

**NTHMP Education Priorities:**
Public Relations Subcommittee
How to capture anniversaries and public relations in tandem with other states and territories

Maritime Guidance:
• MMS in final review
• Response (TBD) MES/WCS/MMS task
• Recovery & Mitigation (TBD) MES/MMS task

Impact of Extreme Events
Vertical Evacuation
Observer Program and leveraging existing protocols
NTHMP and EQ early warning
MeteoTsunami Fact Sheet (In Final Review)
NTHMP Fact Sheet (final)

**Strategic Plan Milestone update:**

Education Strategy Status/Priorities:
Tsunami Awareness Safety Fact Sheet: Ann, Cindi, Kevin R.
Evacuation/Inundation Maps online: John, Chip, Kevin M., Vinnie
Disaster Prep Education and Outreach Guide: Tamra, Cindi, Ann, Karen, Kevin M

Common Survey Questions for baseline of outreach provision feedback (measurement capability)
• Still need to select three based on email, phone (?) vote by MES members.

MES/MMS Meeting:
Hazus Tsunami Presentation
Powerpoint provided on website.

Evacuation Modeling Guidance presentation and discussion: Volunteers: Dmitry, Kevin R., Ann, ???

MMS Maritime Guidance: MES form a group to move the document forward with Education & Mitigation. Document together but the ability to update sections separately. MES will coordinate with Rick on moving forward. States that have a funded task will be on it.

Fact Sheet on Modeling:
One Page Summary sheet on website
Who owns the model, costs, and contact info to get information, usage, quickness, and best practices?

Common Media Outreach Opportunities & Strategies:
• TsunamiZone
• Calendar of Commemorative Dates of Past Tsunamis, etc (as per project in education and outreach plan):
  o Jan 26th, 1700 - Cascadia
  o 1918/2018 Caribbean event
• Products of Tag Team?
  o Commemorative Template
  o Press Release Template
  o Key Talking Points Document(s)
  o Facebook Page, other social media
• Outreach/Social Media Tag Team Volunteers: (MES) Nate Wood, Chayne Sparagowski, Christa Rabenold, John Schelling/Steve Freidrich(?), Althea Rizzo, Kevin Richards, Vinnie Atofau, Nic Arcos (ITIC); (MMS) Kelly Stoker, Cindi Preller, Kara Gately, Chip Guard/ Colleague Landenfer, Glorymar Gomez
• Social Media Class – for NTHMP by NDPTC?
• Hashtags (#) for NTHMP live tweeting
• Maybe need social media sub-tagteam
• *NCEI Public Relations Team as resource and possible national-level model* (in Asheland, NC)

Post-tsunamis protocols and tsunami observer programs, Kevin Richards, Everyone
• Emergency Management vs. Science balance of funding
• Resolution of data, vs. needs
• Need for Probabilistic tsunami hazard analysis – Christa VonH
  o Guidance on relative implications of PTHA
  o MES discussion of probabilistic application to EM needs/policy decision making
    (priority within Strategic Plan).
• Maritime Guidance – Schelling
  o Cost/Benefit of Playbook (Calif.) vs. Alert Level (OR) – based planning