

## MES Meeting

### Virtual Meeting (MS Teams)

February 2, 2022

3:00-4:30 EST

**Attendees:** Todd Becker – Cal OES, Christa von Hillebrandt-Andrade – ITIC Caribbean Office, Tamra Biasco FEMA RX, Ian Sears - NWS, Regina Browne – VITEMA USVI, Althea Rizzo – OR DEM , Ed Fratto – US East Coast, James Benzschawel - Alaska DHSEM, Katie Nguyen - NWS SRH, John Marquis – SCEC TsunamiZone, Carolina Hincapie-Cardenas - NOAA/NWS ITIC, Chris Birchfield - NWS ERH, Lewis Kozlosky – NWSHQ, Leo Espia - Guam HS/OCD, Elyssa Tappero – WA EMD, Dante DiSabatino – WA EMD, Logan Stolpe – Alaska DHSEM, Summer Ohlendorf - NTWC, Dave Snider - NTWC, Ryan Sandler - NWS, Nicolas Arcos - NOAA/NCEI, Wildaomaris Gonzalez - PREMB, Victor Huerfano – PR Seismic Network, Chris Birchfield, Nick Graehl - CGS, Carrie Garrison-Laney – WA Sea Grant, Matt Palmer – Cal OES, David Kochevar, Russell Jackson - NOAA, Yvette LaDuke – Cal OES, Jason Ballmann – SCEC TsunamiZone, Amanda Siok – FEMA RX, Rick Wilson - CGS, Jason Patton - CGS, Mario Kaipat - CNMI, Eric Lau, Kelly Stroker, Alex Tardy - NWS, Jeff Lorens – NWS/WR, Maximillian Dixon – WA EMD,

**Todd Becker** chaired the meeting, welcoming participants and giving an overview of the Agenda.

**Christa** presented the Terms of Reference and MES Work Plan. It was noted **updates are needed to the Members list on the Website**. Several of the tasks in the **Work plan tasks that have been completed need to be removed, others require updating and new actions could be considered**.

#### Lightning Presentations by Partners and Stakeholders

**U.S East Coast** – Ed Fratto. HAZUS issues, made it functional for RI, would like to expand to all 14 states, consider partnership to upgrade code **MES Collaboration for standardization** as it is very time consuming to do state by state. Social Vulnerability and Equity maps using **HAZUS data – help identify vulnerable population**, mapping locations with high populations of elderly, minority, less economic resources, **another area to collaborate with MES**

**Washington** – Elyssa Tappero. Priorities are Maritime, E and O, wayfinding – updating brochures for outer coast communities, signage (local and state, is more expensive) and continue with Tsulnfo

**Guam** - Leo Espia. Hazard mitigation coordination for E and O with Northern Marianas, Alert Systems and new modeling, support to MES on MES actions.

**CNMI** – Mario Kaipat. **Fixed position sirens require training and awareness**, E and O, Awareness, Technical Assistance with Chip Guard, update signage. **MES partners that have siren protocols could share what they have**.

**California** – Yvette. Preparedness Week, in person and virtual, TZ registrations and calendar, exercise March 23 with Live Code, State Hazard Mitigation Plan, **After Action Tonga**, website contents in **Spanish** with RC, Tsunami Zone more materials in Spanish, **HAZUS** – developing a dashboard.

**Alaska** - James with Logan. GEOHAZ program – Brochure project with Alaska Earthquake Center, resulting in a more professional look. Small Community Emergency Response Plans, SCERPS = checklist.

Include the inundation maps in these. Tsunami workshops in person and virtual. Backed up on grant cycles.

**Tsunami Zone** - Jason Ballmann. New resources in Spanish, new pages – pages to date AK, CA, PR, CNMI, Caribbean, Guam, HI, OR, USVI, WA – simpler registration form. Developing plans to support language, >500,000 in TZ supported campaigns, encouraging virtual activities, social media, Tsunami Zone. Jason Ballmann will be departing USC, John Marquis will take over some of the functions.

**Puerto Rico** – Wildaomaris Gonzalez. Focus on TsunamiReady, tsunami hazard, culture of tsunami preparedness, social sciences component. **Survey** was conducted among stakeholders, it revealed interesting information which is guiding future work, for example people active on social media (54%), suggestions for monthly events and more in person drills that integrate **people with disabilities**. Local initiatives with painting of art murals, and evacuation signage on the pavement were highlighted. Videos with sign interpretation are being developed.

**USVI** – Regina Browne. Closing off old grants, standing meetings on tsunami education and sirens, **massive outreach campaigns for sirens**, no official survey but noted gaps, town hall meeting, business, community and government as info needs to be tailored, PSAs for tsunamis, CW, whole community approach for PSAs, looking for feedback on Tsunami evacuation maps, more robust installation of signage with tracking, data driven.

**ITIC** – Christa von Hillebrandt-Andrade. Highlighted information on the websites of ITIC and the Caribbean Office exercise activities (CARIBE WAVE is on March 10, 2022). The ITIC website has sections on International Tsunami Ready, Maritime and Vertical Evacuation, International Manuals and Guides, Education and Awareness Materials, Videos (**new activity of ITIC**), ITIC-NCEI Hazard Posters - and Event Website and many FB posts for Hunga-Tonga-Hunga-Ha'apai Volcanic Eruption and Tsunami. **Christa will follow-up if the Google Form for ordering educational materials that was prepared for the Caribbean could be adapted for NTHMP partners. Suggestions to update the Tsunami Glossary would need to be received by Feb. 18 for the 2022 update.**

**Oregon** – Althea Rizzo. **Tsunami Debris guidebook, will be seeking feedback and contractor.**

**NTWC** – Summer Ohlendorf. Suggested to postpone, delay or modify PACIFEX – partners had a real life practice with Tonga event and NTWC as well as stakeholders are busy with post Tonga. **NTWC requested feedback by Pacific States by 2-4-2022.** LANTEX will continue as planned.

#### **Elections –**

Todd acknowledged the contributions of Christa von Hillebrandt (2017-2022) Tamra Biasco (2018 – 2022) as co-chairs.

After being presented, the following members were elected by acclamation for the corresponding leadership positions.

First Vice Chair - Fed Representative Nic Arcos

Second Vice Chair- New state rep – Regina Browne

The next step will be the confirmation by the NTHMP CC on February 15.

**Next Steps.**

Prepare the 2022 MES Work plan. A draft plan will be prepared and discussed in the next quarterly meeting and then further refined for additional discussion and approval at the summer meeting.

**Next Meeting:** May 2022, Date and Details will be sent out.

**Attachments:**

Meeting Attendee Photos

Meeting Slides