

NTHMP MMS Meeting Notes 2023/03/16

Attendance: EV, A. Dolcimascolo, A Picasso, C. Allen, D. Eungard, E. Lutu-McMoore, J. Bott, J. Patton, J. Allan, K. Carignan, K. Stroker, Kwok Fai Cheung, L. Boisvert, L. Kozlosky, N. Graehl, R. Wilson, R. Watlington, S. Hutchinson, S. Grilli, S. Ross, V. Huerfano-Moreno

1. Welcome, introductions, agenda overview

EV welcomed as co-chair.

New to MMS Intro: Sarah Hutchinson from Hawaii E.M.

Intro of other members (rapid round robin)

2. Follow up (if any) on agenda items from the Winter Meeting

- Powell Center Source Workshops (Lead: Stephanie)
 - Prep of Pac source non Alaska,
 - 10 different subduction zones to be covered
 - Seismic tsunami sources but 2hour discussion on Volcano sources
- NCEI DEM Development (Lead: Kelly C. / Kelly S)
 - Continued work on Puget and Santa Cruz
 - No update on coastal LiDAR
 - Lidar avail for Gustavus area of Alaska
 - Request received for conversion of Oregon tiles for Wash.
 - Question re Sea Drone data from USGS and NOAA:
<https://www.foxweather.com/earth-space/exploring-unknown-drone-mapping-uncharted-ocean-alaska-california>
 - Request for an update on Sat topography, proposal submitted to university next week to use SWAT data to augment near shore bathymetry data.
- Maritime Guidance Update (Lead: Rick)
 - Follow up needed with Dmitry on Maritime Council
 - More interaction with needed with USCG and other groups; Council would help
- Maritime Current Modeling Guidance (Lead: Rick / Jon)
 - Develop more harbor-specific safe depth recommendations
 - 30/50/100 fathom mark is generic but site specific may be needed if there is interest.
 - Look at the feasibility of site specificity on a Google doc. Reach out to Ian to share the document for feedback

- Sediment Transport Guidance (Lead: Stephan / Jim)
 - Workshop planned for Aug 4-5 2023 in same hotel as NTHMP meeting.
 - Benchmarks being developed to test simulation codes (2 benchmarks already developed); Tohoku and Crescent City.
 - Same grid to be used in the Benchmarks for Crescent City
 - Lab benchmark needs to be developed.
 - Codes evaluated at the workshop to be used to develop best practices.
 - After workshop: proceedings, then develop guidance and journal paper for peer review.
 - Landslide Modeling PTHA (Lead: Stephan / Juan)
 - Close to completion on guidance for PTHA modeling
 - Computational solver for clusters in progress
 - Method being written and publish
 - Work expected for completion in the next year
 - Tsunami Debris Modeling (Lead: Rick / Pat)
 - Plan for 2 day workshop on April 22-23
 - ~dozen models to be tested on 4 different benchmarks
 - Possible products will be discussed on late April 23
 - NTHMP members will be contacted for feedback
 - Request to NOAA to work on a suite of products for tsunami debris to be included in official guidance.
 - Wave Arrival Tiger Team (Lead: Alex)
 - First meeting to be in April
3. Feedback on the Winter Meeting (what worked, what didn't)
 1. Once a year presentations from each state/territory good; permits more in-depth discussions with MES
 2. Only 4 hours total for MMS
 3. Good to hear from other committee; everyone in the same room for 5 days was tiring; would be good to have the ability for focused discussions in a side meeting.
 4. Committees should collaborate to have some joint sessions between MMS/MES.
 5. Focus and joint sessions both have value. But MMS technical sessions needed for talking shop.
 6. "alternating the format so summer/winter alternate between the two is perhaps ideal"
 4. Brainstorming agenda items for the Summer Meeting
 1. Lightning round talks from each partner?

2. Ability to have focused sidebars (small group vs entire group)
3. Bring back Posters?
4. Updates (presentations or posters)
5. Brainstorm potential Summer Meeting field trips
 1. Field trips will suck up time.
 2. Corina: Go to Astoria; see breakpoints, Columbia River, see Seaside/issues with schools, bridges, etc. 1.5 hours from Portland
 3. J. Allan: Go to Newport Marine science facility, talk about way finding signage, etc; down side 3 hour to Newport from Portland...long time.
 4. Both options are a full day.
 5. Alternative: move meeting to Newport.
6. Inquire about SSA 2023 attendees/presenters
 1. Request to send presentation info to EV for distribution
7. New business
 1. Meeting Confirmed July 31-Aug 5.