

NTHMP MMS meeting 15 Sept 2020

Participants:

J. Allan, C. Allen, D. Arcas, K.F. Cheung, A. Dolcimascolo, M. Eble, , C. Garrison-Laney, K. Gately, V. Heurfano, J. Horrillo, J. Kirby, D. Nicolsky, S. Ross, I. Sears, K. Stroker, R. Wilson, N. Wood, J. Villagomez

The meeting focused on annual MMS work plan elements, with updates and discussion on each separately. The status and discussions generated are summarized as follows:

The Tsunami Source Database

Status: Complete

R. Wilson reported that the effort to create a repository of sources to support state partners and the Powell Center working group's sources workshops is complete as originally planned. Although no additional funding has been requested, the database could be migrated to a permanent location and sources could be added in the future.

Action item: R. Wilson and J. Allan will work with I. Sears to move the database to the MMS reference materials web page on the NTHMP website

Maritime Guidance

Status: Ongoing

R. Wilson reported that this effort is focused on mitigation and recovery, with significant crossover with the MRWG. To that end, this task has mostly shifted to MRWG. Changes to the guidance document were presented during the January 2020 meeting. Consensus was formed to look into migrating the guidance to the NTHMP web site in the form of a story map that is planned for development. The task will remain part of the MMS work plan for one more year.

DEM development and archiving

Status: Ongoing

The process that includes quality control, updates, and version control of DEMs after NCEI completes and delivers them will be addressed by a working group that has been formed and expected to meet in the next few weeks.

Maritime Guidance

Status: Ongoing

A summary one pager based on the technical report compiled by P. Lynett will be completed and made available on the NTHMP web site as a companion to the Inundation modeling guidance developed and available.

Action item: R. Wilson will take the lead to develop a summary one pager, with assistance from J. Allan.

HAZUS Guidance

Status: Complete

J. Allan reported that Oregon published a comprehensive report that describes the HAZUS process for specific locations in Oregon.

Action item: J.Allan to develop a brief summary statement and work with I. Sears to make the report available on the NTHMP website.

Powell Center

Status: Ongoing

S. Ross reported that planning continues for an in-person workshop on Cascadia sources in early April. Plans could change given the uncertainty of the COVID timeline. S. Ross further reported that the Tsunami sources working group held a call with two other working groups addressing Cascadia to ensure

communication and coordination between groups. A second call may be scheduled in October, depending on availability of participants.

DEM Development

Status: ongoing

Washington State has done some in-house edits of DEMs that were delivered and found to have specific issues. The DEMs have been evaluated and are being used for modeling. Version control and archive will be the topic of a follow-up meeting, cited above under 'DEM development and archiving'.

NCEI is developing Alaska DEMs as requested for Anchorage and Upper Cook Inlet, Whittier, and Seldovia as well as a DEM update of the S. Central Oregon coast, that has not been started but planned for completion this year.

Action item: MMS partners encouraged to begin thinking about DEM development needs for CY 2020.

DEM Review & Editing Guidance

A working group has been established to define what elements will be addressed in a DEM review and editing guidance document after state partners take delivery of a given DEM. Quality control soon after completion and delivery, DEM updates, modifications, and version control will be outlined. The working group will explore the concept of DEM standards as raised by D. Arcas.

Gap Analysis

Status: Complete

The final version of the gap analysis spreadsheet was distributed some months ago and now partners are encouraged to populate the table.

Landslide Tsunami Modeling Guidance

Status: Complete

J.Kirby and S. Grilli sent out the final version of the landslide modeling guidance. There were no further edits as of the last meeting and the guidance and task is now considered to be completed. The document and all benchmark tests are temporarily available from a U Delaware website. The intent is to move all contents to the NTHMP website as a companion to the inundation modeling material.

Action item: J.Allan, J.Kirby and I.Sears will work together to figure out a plan that could include some combination of data stored on a github site, with the final guidance report on the MMS website.

Metetsunami Guidelines

Status: Ongoing

J. Horrillo reported that the metetsunami guidelines has been updated with edits provided by Great Lakes partners. J. Horrillo especially thanks E. Anderson for his contribution

This work is continuing with studies to characterize metetsunamis on a city-by-city basis.

Action item: MMS to review the revised document. Comments back to Juan by Friday, October 2nd.

Sediment Transport Guidance

Status: ongoing

J. Kirby update: Did get funded as part of FY20 effort, starting this month (Sept 2020)

Will use the same working group who had expressed interest.

J. Kirby will schedule a meeting

Additional topics

C. Allen provided an update on the Tsunami Science Advisory Panel's first meeting. The panel was formed by NWS in fulfillment of terms of the Tsunami Warning and Education Reauthorization legislation and is tasked with reviewing the activities of NOAA. Panel members include: C. Allen, C.

Decker, P. Earle, C. Garrison-Laney. C. Madsen, M. Merrifield, D. Melgar, A. Mercado, R. Wilson, R. Lopes, and R. Wilson.
R. Wilson & R. Lopes are co-chairs

ASCE Letter

NTHMP partners continue to wait for a response from the ASCE 7 committee to a formal request for data and information sent by the NTHMP chair, Grant Cooper. The meeting discussion focused on how best to engage the committee and come to an agreement on the sharing of information critical to the efforts of individual states.