1. Maritime mitigation and recovery guidance: As mentioned by MES and MMS, we have started work on a ARCGIS story-map format website to update the existing website with some easier to use tools. Leveraging work through our FEMA contracts in CA will be a maritime- and community-level tsunami recovery guidance which is about 75% complete, and we are starting work on a new maritime damage assessment tool to be added to Hazus.

2. Guidelines on use and communication of probabilistic products: We have not made a lot of progress on this task since our last update.

3. Tsunami debris guidance: Althea Rizzo continues to lead this effort through a work group, and the guidance outline and some writing assignments have started. We are also helping develop a workplan for a tsunami debris modeling workshop...which could include benchmarks...supported by the MMS within the FY21 funding cycle. This workshop is planned to be run by Pat Lynett of USC and Dan Cox of OSU as the PIs and coordinators. We anticipate about 20 or so participants in the workshop, many of them MMS members if they have a debris model they would like to share and test.

4. Mitigation and recovery funding sources: Although a lot of work on this has not been done "officially," CA staff has met with state and FEMA disaster mitigation funding specialist to discuss improving the process to help harbor and community officials more easily apply for Hazard Mitigation Program Grants to address tsunamis and other coastal hazards. We in CA will then provide our findings and guidance to MRPWG on this work.