

## MMS Teleconference

Date: 4 December 2018

Participants: D. Arcas, K. Carignan, P. Chu, M. Eblé, D. Eungard, S. Grilli, V. Huerfano, J. Kirby, R. Lopes, D. Nicolsky, R. Watlington, R. Wilson, C. Wu

### Agenda

1. MMS Annual Workplan UPDATES:
    - 1.1 Tsunami Source Database
    - 1.2 Gap Analysis Spreadsheet, Inundation & Evacuation Maps (with MES)
  2. Annual Meeting - Powell Center Workshop
  3. Review of the MMS agenda for the Annual NTHMP meeting in January
  4. New Business
  5. Time Permitting
    - 5.1 NCEI DEMs (NCEI to provide an update on the submitted requests)
    - 5.2 Currents modeling criteria
    - 5.3 Meteotsunami project: Juan Horrillo
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## 1. MMS Annual Workplan UPDATES

### 1.1 Tsunami Source Database

Discussion focuses on types of information to include and format to retain. R.

Wilson asks if current MS EXCEL spreadsheet format is ok. General consensus is that the spreadsheet format is working out in the short term.

Comments/Discussion

D. Arcas: Need to add additional information on spreadsheet (metadata)

→ R. Wilson 1) Will provide questions for states to answer; 2) will format additional entry cells as needed based on responses.

→ V. Huerfano: Added that N. Arcos created some searchable database.

→ K. Carignan: N. Arcos is with her at NCEI. He has created an image database so she will follow up with K. Stroker and him and ask that he send out information.

→ R. Watlington: C. Moore & D. Arcas published a hazard assessment for USVI

→ D. Arcas: Confirms that R. Watlington is correct and adds that more sources have been compiled as a result of an effort by UNESCO to put worldwide information together. A workshop was held in Puerto Rico. Sources included are from the northern part of Caribbean. Tool that N. Arcos created is very useful.

→ R. Lopes: Suggests that K. Carignan ask K. Stroker what resources would be needed for Nic to take on the effort.

→ D. Eungard: Reminds of the need to also deal with data management compliance. Need information on effort and cost.

→ S. Grilli: Relays personal experience in having requests to keep raw data but raw data in itself is meaningless. Are we asked to provide routines to generate or use the data.

→ M. Eblé: No one seems to have the same understanding. Is it acceptable to store meta data and then cite the information to regenerate model output?

→ D. Arcas: Requests additional guidance as to what must be archived and made available to the public. Any guidance from NWS?

- R. Lopes: Directive did not come from NWS, but is from NOAA NOAA.
  - D. Arcas: Will check with PMEL data management group.
  - P. Chu: Served on a Environmental Data Management committee. Observation data needs to be archived, at NCEI for example, and made available. Requirement to archive model output is not as clear.
- Of greatest importance: Must have data management plan. A key aspect is that entities do NOT hold data to oneself. All data collected with NOAA funds must be made publicly available.
- Clarification on archive provided after R. Lopes noted that archive at NCEI is not a requirement. NOAA grant funds may not be used to pay NCEI for this service, so unless NCEI is willing to do this at no charge, archiving data at NCEI is off the table.
- NCEI archive size threshold: NCEI mission allows for no cost archive of up to 1TB. Typically one-time. Data collected as part of on-going projects exceeds threshold so resources would be needed.
- D. Nicolsky: Cautions about overthinking the requirement.
  - P. Chu: Highlights that the directive only requires sharing & archiving.

### 1.1 Gap Analysis Spread Sheet

D. Nicolsky starts the discussion off by asking for input. Further states that E. Lutu-McMoore has provided the only information to date.

#### Comments/Discussion

Initial comments focused in the need to get feedback from MES since the task is one that is joint between MMS and MES. Additionally mentioned that East coast was funded to do gap analysis.

- D. Nicolsky expresses concern that MMS cannot wait for MES and must make progress.
- D. Eungard: Maximillian is reviewing and Daniel is awaiting feedback for the next iteration.
- R. Lopes: MES has not been working on the spreadsheet; it has not been provided to them yet. It will be discussed at a workshop during the Annual Meeting.
- D. Nicolsky is encouraged to hear of progress and further expresses the need to have an initial, joint draft before the workshop so gaps and how they will be addressed can be meaningfully discussed.
- R. Wilson: expresses concern that if MMS moves on without the MES draft, the two subcommittees will not be coming up with one agreed upon spreadsheet. Two separate outcomes may be hard to mix and match.
- D. Eungard
- R. Wilson: Highlights the need for standardization of information.
- M. Eblé agrees with the need for standardization and reinforces R. Wilson's comments.
- D. Nicolsky mentions that J. Allan and D. Nicolsky will be leading Hazard Assessment gap workshop and asks for volunteers to help with the effort. R. Wilson initially volunteers but then suggests he may be available depending on meeting conflict. R. Wilson adds that MES should be involved so maybe Maximillian would be good to include.



2. Annual Meeting – Powell Center Workshop (Plenary, i.e. no conflicts)
  - 2.1 Will update on Alaska workshop
  - 2.2 Moving forward with Caribbean, Gulf, and East Coast (Spring 2019)
  - 2.3 URGENT: V. Huerfano needs to submit travel request asap or will not be able to participate. PIs need to come up with workshop week within the next week.
  
3. Review of the MMS agenda for Annual NTHMP meeting in January
  - 3.1 Add data management plan to NTHMP annual meeting agenda
  - 3.2 Minutes recording: working on a form to highlight main discussions, tasks, etc.
  
4. New Business
  - 4.1 D. Eungard mentions Washington State position recruitment. Comment that the search appears to be for a rare ‘super’ person.
  - 4.2 M. Eblé asks if tsunami modeler or geologic background is priority for position
  - 4.3 D. Eungard: Numerical understanding of modeling might be the priority to augment D. Eungard and C. Forson plus to augment Daniel and Corina
  
5. Time Permitting
  - 5.1 DEMs
    - K. Carignan update: Rhode Island tiled completed, Charleston in process (Note: the Charleston DEM covers a fairly large section of northeast). Wrangel and Port Alexander for Alaska completed.
      - Question for D. Eungard/ C. Forson: What is ETA on new LIDAR?
      - D. Eungard: Optimistic that processing will be done in ‘time’ (shooting for mid-end of March).
    - Discussion on additions for next year expose a misunderstanding. NCEI has none yet identified yet MMS is under the impression that a list was provided.
    - Action: Follow up

Next meeting?

Week of Jan 14 agreed upon by phone participants

Washington State restriction: Only Tues or Weds of that week will work.

Adjorn