

## SUBCOMMITTEES

In addition to the new NTHMP membership (see Appendix 2 for the full listing of member states, commonwealths, territories and agencies), a subcommittee structure is needed to meet the expanded and strengthened US tsunami warning system. The following committees are consistent with PL 109-424 as well as other authorities and findings of the GAO and NTHMP 5-year review:

- 1. Warning Coordination Subcommittee** – co-chaired by the directors of NOAA’s National Weather Service’s (NWS) two Tsunami Warning Centers (TWC) and a state member, with subcommittee membership as determined by the NTHMP members;
- 2. Mitigation and Education Subcommittee** – co-chaired by NOAA’s National Ocean Service’s (NOS) Coastal Services Center (CSC), FEMA, and a state member, with subcommittee membership as determined by the NTHMP members;
- 3. Modeling and Mapping Subcommittee** - co-chaired by one representative from NOAA and a state representative, with subcommittee membership as determined by the NTHMP members.

### **Responsibilities of the Subcommittees:**

#### **Mapping and Modeling (M&M) Subcommittee:**

Introduction: The National Tsunami Hazard Mitigation Program’s (NTHMP) Mapping and Modeling Subcommittee (M&M) brings together expertise on a variety of tsunami and coastal mapping, modeling, and hazard issues. The M&M acts in an advisory capacity to the NTHMP Coordinating Committee on tsunami run-up modeling and mapping issues including: standards, DEM development priorities, and strategic guidance on modeling and mapping priorities. The M&M identifies educational opportunities related to modeling and mapping products as well as hazard mitigation deficiencies that can be addressed by further mapping and modeling research, and identifies opportunities to integrate modeling and mapping efforts into NTHMP mitigation activities. The M&M vision is to be the authoritative source of technical guidance for tsunami modeling and mapping for the NTHMP.

Purpose: To provide technical guidance and recommendations to the NTHMP Coordinating Committee on matters related to tsunami modeling and mapping, and to operate in an environment respecting the core values of honesty, integrity, trust, and diligence with a focus on service to the State and Nation, providing value to stakeholders within the mandate of the NTHMP while remaining objective, reasonable, and respectful. By achieving this, we create an opportunity to be an effective body in predicting the potential damaging effects of major tsunami events. To execute tasks related to inundation mapping and modeling as assigned by the NTHMP Coordinating Committee.

#### Authority:

The M&M Subcommittee will be considered the primary mechanism for NTHMP partner input to the mapping, modeling, and hazard components of the NTHMP. The subcommittee’s actions and recommendations will be achieved by consensus, and considered to represent the collective

will of those partners. This authority is established within the context of PL 109-424 and subject to the provisions of Sections 4, 5 and 6 of the Act, most particularly Section 5(c1).

Membership:

The M&M Subcommittee is comprised of 12 members representing the regions of the NTHMP Coordinating Committee and two NOAA representatives, one from a TWC. The current official membership is maintained on the NTHMP Web site. Outside experts and other stakeholders may be invited to participate in M&M discussions but their agreement is not required for any formal consensus. These might include:

- University, NOAA, or other modeling and mapping experts
- Social Science Experts
- U.S. Geological Survey representatives

The subcommittee will have two chairs drawn from the body of the M&M Subcommittee. State membership is the Scientific Member from each of the NTHMP regions of the Coordinating Committee: (AK, CA, Eastern States, Gulf Coast States, Hawaii, Pacific Islands, Puerto Rico, Oregon, the U.S. Virgin Islands, and Washington).

Chairpersons: Chairpersons are approved by a majority of the NTHMP Coordinating Committee at the annual NTHMP meeting and will include a representative from NOAA and a representative from one of the member states. Chairpersons will serve for two years with rotation staggered to maintain continuity in leadership, although subcommittee members can recommend an extension of one year. During the NTHMP meeting on November 1, 2007, the Coordinating Committee designated Susan McLean (NOAA/NGDC) to join Roger Hansen (AK State Seismologist appointed November 2006) as Co-Chair.

Communications: Meetings will normally be held annually in conjunction with full NTHMP meetings. Between meetings, communication will take place primarily by email and conference calls although specific subcommittee meetings are encouraged. Notes and Action Items will be maintained by the Chairpersons and posted to the NTHMP web site. Completion of actions will be coordinated by the Chairpersons. Recommendations will be forwarded to the appropriate organizations by the Chairpersons.