

NTHMP ANNUAL MEETING WORKSHOP DESCRIPTIONS, DISCUSSANTS, AND SCHEDULE

Tuesday, January 29, 2019

Hilton Mission Valley Hotel

Note: Anyone may attend any workshop, regardless of affiliation with an NTHMP subcommittee

Updated January 16, 2019

[Workshop #1: Recent International Tsunami Events of Interest](#)

8 – 10am, Hillcrest Room

Discussants: Stephan Grilli, Juan Horrillo

Event #1: A devastating tsunami struck Palu, Indonesia, on September 28, 2018, after a shallow, 7.5M earthquake struck in the neck of the Minahasa Peninsula, Indonesia. This is known as the Sulawesi earthquake and tsunami. Thousands of people were killed or injured. Dr. Grilli and Dr. Horrillo will share information from their respective research investigations on this event.

Event #2: On December 22, 2018, a tsunami that followed an eruption and partial collapse of the Anak Krakatau volcano in the Sunda Strait struck several coastal regions of Banten in Java and Lampung in Sumatra, Indonesia. The tsunami was caused by an undersea landslide that followed an eruption of Anak Krakatau, the "Child of Krakatoa". On December 23, it was found that much of the island of Anak Krakatau had collapsed into the sea. Dr. Grilli will present information from recent research that he and his team have been investigating.

[Workshop #2: Powell Center Working Group on Tsunami Sources](#)

10:15am – 12pm Hillcrest Room

Leader: Rick Wilson Discussants: Pat Lynett, Kevin Miller, Corina Forson, and Jon Allan

Description: The Powell Center Working Group on Tsunami Sources is holding a series of four-five day workshops over two years with the goal of developing a suite of tsunami sources to help improve preparedness and mitigation efforts. At this workshop, discussants will provide updates on results from the Alaska tsunami source workshop and on planning for future workshops: East Coast, Gulf Coast, and Caribbean tsunami sources (Spring 2019) and Pacific tsunami sources other than Alaska/Cascadia (Fall 2019), including those affecting Pacific island territories. Discussants will also present and discuss examples of how this information can be applied.

Workshop #3

1 – 3pm

[Workshop 3: End-to-End Tsunami Mitigation Strategies for Maritime Communities](#) – North Park Room

Lead: Rick Wilson; Discussants: Jon Allan, Kevin Miller

Description: Members of the MES and MMS are working together to develop tsunami guidance and products for ports and harbors to implement "soft-mitigation" through response activities and "hard-mitigation" through direct improvements to port and harbor facilities and infrastructure. This workshop will address both simple and complex hazard-analysis techniques and mitigation measures as well as strategies for obtaining mitigation funding.

Workshop #4

3:15 – 5pm

[Workshop 4: Hazard Assessment Gap Analysis](#) – North Park Room

Discussants: Dmitry Nicolsky, Jon Allan, Maximilian Dixon

Description: A goal of the gap analysis is to develop an inventory of the status of hazard mitigation products, such as modeling/mapping activities (e.g., tsunami hazard maps, port maritime guidance, evacuation modeling) and education/outreach (e.g., wayfinding signage, sirens, guidance plans, etc.), across all NTHMP partners. In this workshop, discussants will review an approach to define the status of tsunami mitigation. This approach is essential for identifying where gaps exist and ultimately will help guide decision-making for future NTHMP activities while also providing the necessary information that could be used to develop metrics of preparedness.