



Development of Comprehensive High Resolution Probabilistic Tsunami Design Zone Maps Compatible with ASCE 7-16 for the Island of O'ahu, State of Hawai'i First Informational Meeting

Friday, May 17, 2019, 8:00AM to 12:00PM

Hawaii Emergency Management Agency,

Building 303, Diamond Head Crater, Honolulu, HI

**RSVP: Please email Ian Robertson at ianrob@gmail.com if you are interested in attending.
Seating is limited and will be assigned on a first-come-first-served basis.**

Meeting Background

The Hawaii Coastal Zone Management program (CZM) has initiated a project to generate high-resolution Tsunami Design Zone (TDZ) maps for the Island of O'ahu. The project, identified as a priority in the State Multi-Hazard Mitigation Plan and incorporated into the CZM's 5-Year Coastal Hazard's Strategy, will replace the low-resolution TDZ maps currently in the ASCE 7-16 standard so that future tsunami design on O'ahu will have the benefit of more accurate and informative mapping products. This first Project Information Meeting will review the mapping products prepared for Honolulu Urban Core and Hale'iwa. A subsequent information meeting will be held to present the final mapping products, including the entire coastline of O'ahu.

Please distribute this announcement to anyone in your organization or elsewhere who might have an interest in this topic.

This meeting is organized by Ian Robertson, Ph.D., for the State of Hawai'i Office of Planning, Coastal Zone Management Program using Federal funds under Award No. NA16NOS4190093, Award No. NA16NOS4190152, and Award No. NA17NOS4190102 from the National Oceanic and Atmospheric Administration (NOAA), U.S. Department of Commerce. The material presented at this meeting does not necessarily reflect the views of NOAA or the U.S. Department of Commerce.

Please email Ian Robertson at ianrob@gmail.com with any questions about this event.

Meeting Agenda

| Time | Item | Moderator/Presenter |
|------------------------|--|-------------------------|
| 8:00 – 8:15AM | Registration (Coffee and cookies) | |
| 8:15 – 8:30AM | Welcome and introductions | Ian Robertson |
| 8:30 – 9:00AM | Overview of the project including objectives, deliverables, timeline, etc. | Ian Robertson |
| 9:00 – 9:15AM | Questions and discussion | Ian Robertson |
| 9:15 – 10:00AM | Development of tsunami source scenarios and confirmation of compatibility with ASCE 7-16 off-shore wave heights | Yong Wei |
| 10:00 – 10:15AM | Questions and discussion | Robertson/Wei |
| 10:15 – 10:30AM | Break (Coffee and cookies) | |
| 10:30 – 11:30AM | Digital Elevation Model verification and tsunami inundation modeling and mapping | Kwok Fai Cheung |
| 11:30 – 12:00PM | Questions and discussion | Robertson/Cheung |
| 12:00PM | Adjourn | |

If you are unable to join us in person, this meeting is also available online via Go-to-Meeting at:

Oahu Tsunami Mapping Informational Meeting

Fri, May 17, 2019 8:00 AM - 12:00 PM HST

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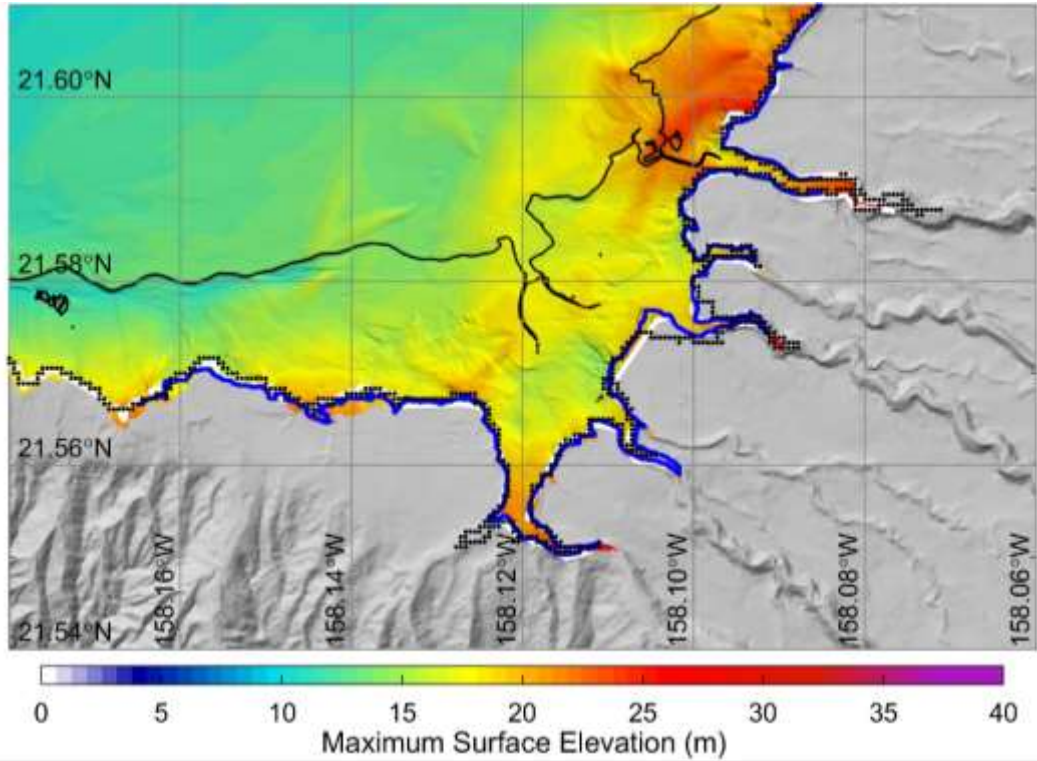


Figure 1: 2500-year tsunami inundation modeling for Hale'iwa, O'ahu

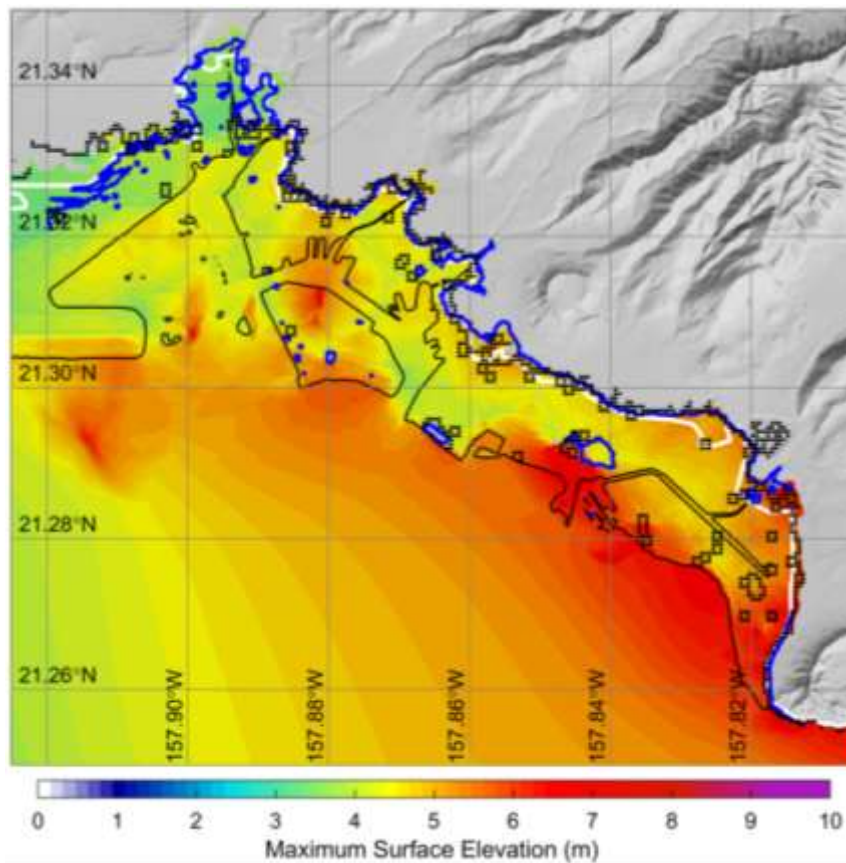


Figure 2: 2500-year tsunami inundation modeling for Honolulu Urban Core, O'ahu

Directions to Building 303 in Diamond Head Crater

See the Google Earth image below for the location of Building 303 in Diamond Head Crater.

Directions:

- Enter Diamond Head Crater off Diamond Head Road by passing through the tunnel.
- Take the second road to the right, drive through the gate, and past the security shack.
- Make a left hairpin turn to head back towards Building 303.
- Parking is available in front of Building 303 (Red hatched area).

