



Hatō zu by Konen Uehara

GNSS TSUNAMI EARLY WARNING SYSTEM WORKSHOP

July 25-27, 2017 • Westin Hotel, Sendai, Japan



Organizing Committee:

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First Call for Participation

Workshop Purpose: The past decade has witnessed a terrible loss of life related to large earthquakes and resultant tsunamis in the Indo-Pacific region. New and experimental algorithms based on real-time GNSS data and science now exist to rapidly determine the likelihood that a tsunami will be generated from a large earthquake, to predict their extent, inundation, and run-up, and to track the tsunami as it propagates through the ocean basins. The goals of this workshop are to:

- Identify what GNSS resources (networks, processing centers, telecommunication, etc.) will be necessary to develop real-time GNSS early warning capabilities throughout the entire Pacific Rim region
- Assess data gaps in the current Pacific-wide networks, develop strategies on the best approaches to fill the gaps
- Review the state-of-the-art early warning approaches with an eye towards emergency response community.

The Organizing Committee encourages your participation in a Global Navigation Satellite System Tsunami Early Warning System (GNSS-TEWS) workshop in Sendai. We encourage all interested participants to attend. Some level of travel support will be available to invited US-based speakers. The primary product of the workshop will be a report to identify strategies needed to understand the data needs for a Pacific-wide activity involving the Asia-Pacific Economic Cooperation (APEC) economies as well as other non-APEC economies.

Sponsored by the **National Aeronautics and Space Administration**

Co-Sponsored by the

- Association of Pacific Rim Universities Multihazards Hub, Tohoku University, Sendai, Japan
- APRU-IRIDeS Multi Hazards Program
- Global Geodetic Observing System

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