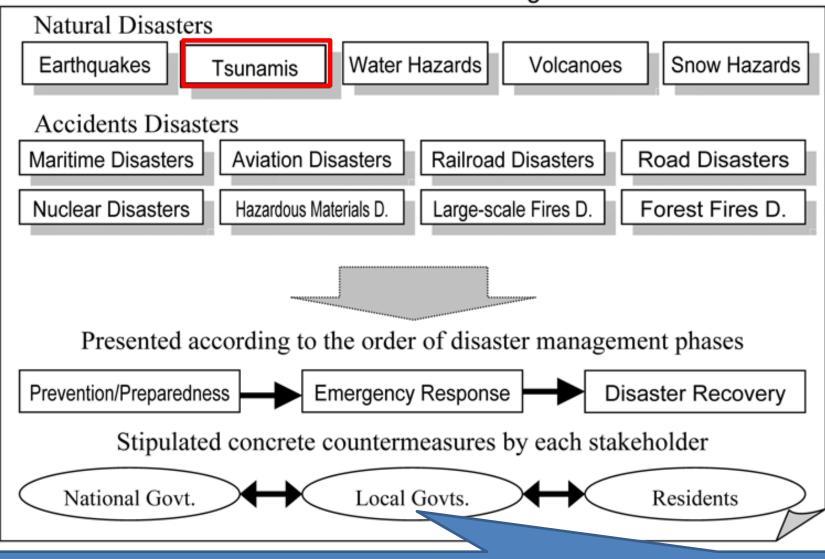
ICG/PTWS-XXX Sep. 2023

National Report Japan

USHIDA Shingo Japan Meteorological Agency (JMA)

Basic Disaster Management Plan

Structure of Basic Disaster Management Plan



Each local government has its own Disaster Management Plan based on the Basic Disaster Management Plan.

World Tsunami Awareness Day





Shake out drill (Tokushima City, Tokushima Pref.)



Drill for evacuation shelter establishment (Tokushima City, Aichi Pref.)



Tsunami evacuation drill (Nachikatsuura Town, Wakayama Pref.)



Workshop for disaster awareness and preparedness (Naha City, Okinawa Pref.)

World Tsunami Awareness Day, 5 November, is the Tsunami Disaster Prevention Day in Japan.

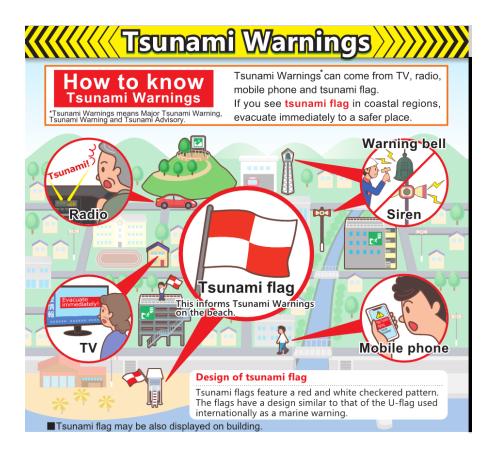
The poster reads, "Faster, higher! Evacuate immediately to higher and safer ground".

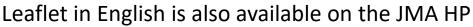
In 2022, about 1.95 million people participated in the tsunami drills

Tsunami Flag

JMA has established the Tsunami Flag as a means of visually communicating tsunami warnings.

JMA is working to promote tsunami flag to coastal municipalities throughout Japan.



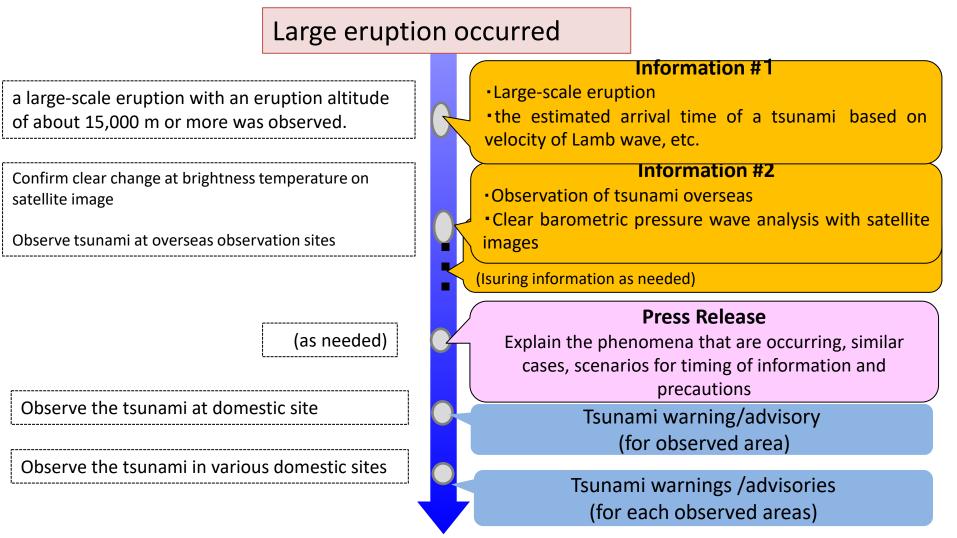




This picture is produced by Yahoo News under the supervision of JMA

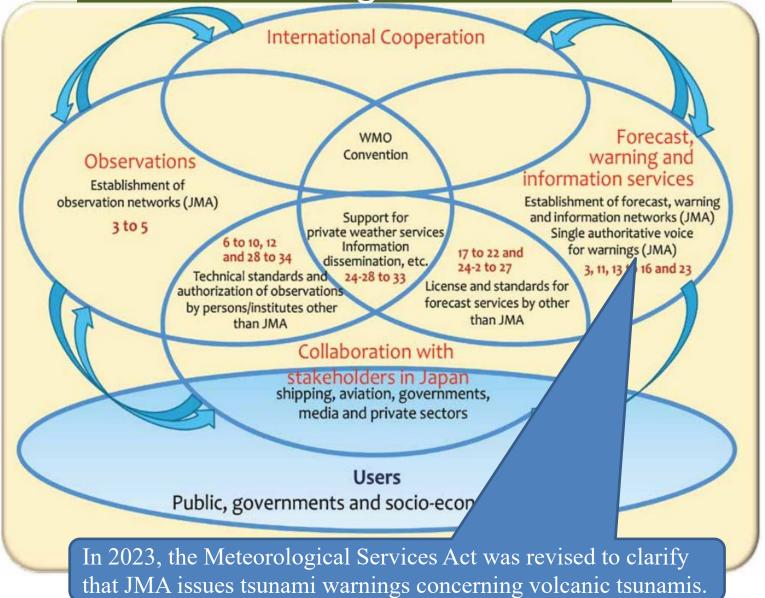
Operations for volcanic tsunamis (1)

Case of a tsunami or barometric pressure caused by a large-scale volcanic eruption far from Japan is observed.



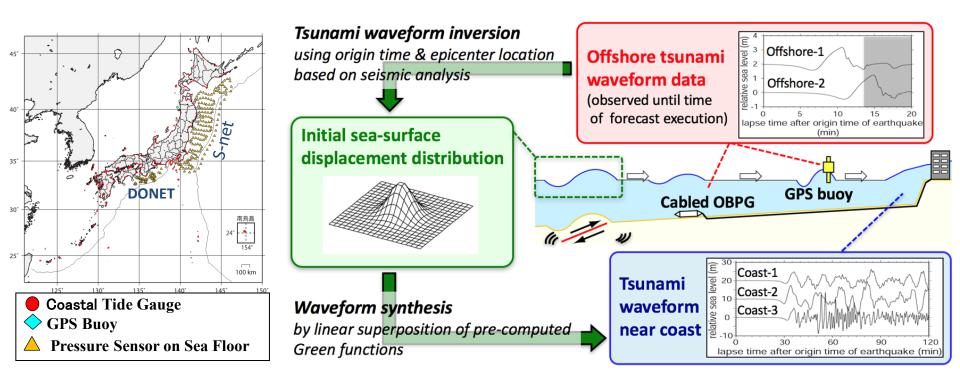
Operations for volcanic tsunamis (2)

The Meteorological Services Act



Tsunami Forecasting based on Inversion for initial sea-Surface Height

tFISH (tsunami Forecasting based on Inversion for initial sea-Surface Height) [Tsushima et al. 2009, 2012, JGR] , has been used operationally to update tsunami warnings since March 2019.



Permanent seafloor deformation is taken into account in the inversion (Tsushima et al. 2012, JGR)

Origin time and epicenter based on seismic data are used in tFISH.

✓ Analysis can be done without information of earthquake fault geometry and magnitude.

Technical Cooperation (1)

 Nicaragua - Project for Strengthening of Capacity of the Central American Tsunami Advisory Center(CATAC)





Technical Cooperation (2)

• Vanuatu - Project for Enhancing the Capacity of Issuing Earthquake, Tsunami and Storm Surge Information





 Indonesia – Project for Capacity Development on Operation of Earthquake and Tsunami Analysis and Warning Dissemination

Thank you