



**Asia-Pacific
Economic Cooperation**

2016/SOM3/EPWG/015

Agenda Item: 8.6

Workshop on Tsunami: Introduction Tsunami Disaster Risk Reduction and APEC Economies

Purpose: Information
Submitted by: Japan



**10th Emergency Preparedness Working Group
Meeting
Lima, Peru
15-16 August 2016**

EMERGENCY PREPAREDNESS WORKING GROUP (EPWG): APEC Workshop
 16 August 2016, Lima Convention Center, Lima, Peru

Introduction
Tsunami DRR and APEC Economies

Hokusai Katsushika ""Under the Wave off Kanagawa (Kanagawa-oki nami-ura), also known as the Great Wave, from the series Thirty-six Views of Mount Fuji (Fugaku sanjūrokkei)"" , Collection of Yamanashi Prefecture Museum, Japan

Tsunami 1990-2016 in Asia Pacific Region

Most APEC economies are situated in the Pacific Ring of Fire, where strong earthquakes, tsunamis, and volcanic eruptions pose constant threats.

Effects of the Tsunami:	Cause of the Tsunami:			
	Volcanic Eruption	Landslide	Unknown/ Miscellaneous	Earthquake Magnitude >8 >7 >6 >5 >4
Very Many Deaths (~1001 or more deaths)	▲	■	?	●●●●●
Many Deaths (~101 to 1000 deaths)	▲	■	?	●●●●○
Some Deaths (~51 to 100 deaths)	▲	■	?	●●●○●
Few Deaths (~1 to 50 deaths)	▲	■	?	●●○●●
No Deaths / Unknown	▲	■	?	○●○●○

Source : NOAA Natural hazard interactive map <http://maps.ngdc.noaa.gov/viewers/hazards/?layers=0>

Facing Tsunami

- Tsunami DRR relates to all the phases including prevention, preparedness, early warning, evacuation and other emergency operation, and recovery, rehabilitation and reconstruction.
- Tsunami evacuation measures needs to be designed for all the vulnerable groups in need of assistance.
- Tsunami affects diverse industries
fishing, aquaculture, fish processing industries, agriculture, petrochemical complexes, MSMEs of all sectors, coastal and marine tourism, commerce.

Purpose of the workshop

- Identify the status of anti-tsunami policies and measures in member economies
- Discuss major challenges to be addressed by EPWG
- Strengthen partnership with private sector in promoting anti-tsunami measures

***Towards cross border collaboration
by bridging the both sides of the Pacific Ocean
From Peru to Vietnam and PNG***