



**Asia-Pacific
Economic Cooperation**

2017/SOM1/EPWG/029
Agenda Item: 9.6

APEC Project on Workshop on Tsunami Disaster Risk Reduction

Purpose: Information
Submitted by: Japan



**11th Emergency Preparedness Working Group
Meeting
Nha Trang, Viet Nam
18-19 February 2017**

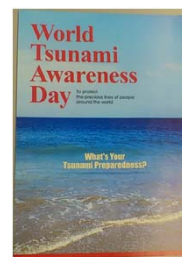
The 11th APEC Emergency Preparedness Working Group Meeting
18-19 February 2017, Nha Trang, Vietnam

Agenda Item 9: Review of Inter-sessional Work and Project implementation

APEC Project on Workshop on Tsunami DRR

Workshops on Tsunami DRR 2016

In 2016, ADRC organises in close cooperation with cabinet office , Japan , two tsunami DRR workshops to help elaborate Anti-Tsunami Measures requiring multi-sectoral and inter-disciplinary efforts by sharing lessons learnt from the past experiences and new policy measures.



1.WS1 focusing on tsunami DRR policies at national level

APEC Workshop :Tsunami Disaster Risk Reduction in APEC economies

Date: 16 August 2016

Venue: Lima, Peru

2) WS2 focusing on community level tsunami DRR measures

Thai- Japan Workshop: Tsunami Disaster Risk Reduction in Krabi

Lessons learnt from the Indian Ocean Tsunami and way forward

Date:22 September,2016,

Venue: Krabi, Thailand

Tsunami Disaster Risk Reduction in APEC economies

August 16th, 2016, Lima, Peru

Opening Remarks

INDECI, Peru, Embassy of Japan, Dr. Tuan, co-chair, EPWG

Session 1: Anti-Tsunami measures by APEC economies:

Chair :Mr. E. M. Salonga, Office of Civil Defence, Philippines

Anti-tsunami measures in Peru, INDECI and DHN
Lessons learnt from the Indian Ocean Tsunami, DDPM, Thailand

Anti-tsunami measures in Chile, ONEMI, Chile

Anti-Tsunami measures after the Great East Japan Earthquake, Japan

Anti-Tsunami measures in Asian Pacific region, JICA
Perú Office

Session 2 :

Collaboration with private sector facing Tsunami DRR

Chair: Dr. Li, Wei-Sen Ph.D. National Science & Technology Center for Disaster Reduction ,Chinese Taipei

The United States Tsunami Warning System

Tsunami and local economy: private Sector in Peru

-National Society of Industries, SNI, Perú

-Comment from Toyota, Perú



Workshop on Tsunami Disaster Risk Reduction

Lessons learnt from the Indian Ocean Tsunami and way forward

22 September, 2016 in Krabi, Thailand

Purpose of the workshop

- Identify major challenges facing diverse sectors including local governments, local commerce and diverse industries and NGOs working at community level,
- Share lessons learnt from previous tsunami disasters
- Develop new tools facilitating tsunami DRR at community level



Session 1: Tsunami DRR efforts after the Indian Ocean Tsunami

Chair: Mr. A. Pinta, DDPM

Representatives of five provincial offices of DDPM

Krabi, Phuket, Phang Nga, Ra Nong, and Trang

Thai Red Cross, and private sector,

Thai Southern Hotel Association

Session 2: International experiences

Tohoku, Indonesia, and private sector

Group training of Disaster Imagination Game, DIG



Tsunami DRR is a challenge facing Asia-Pacific region

Many of APEC economies are located at the Pacific Ring of Fire as stressed by APEC DRR framework, a mega tsunami may thus bring about significant impacts on APEC economies directly and through supply chain that could affect world economy as well.

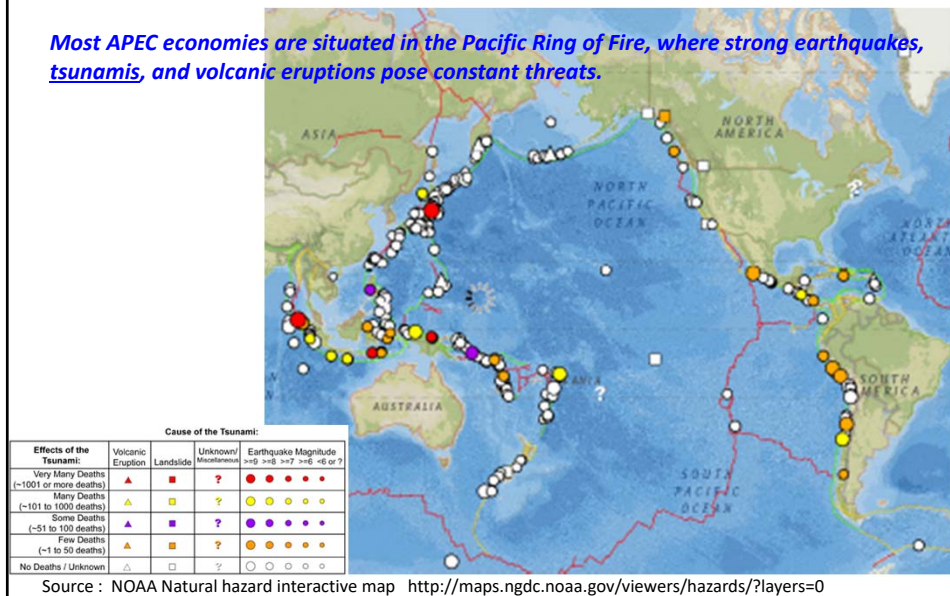
In order to face mega tsunami,

- Local participation is a key. In Peru, it was pointed out that many people remain living in disaster prone areas unaware of the risks of tsunami.
- A whole of community approach is important facing tsunami disasters including both local people and non-residents, visitors towards tsunami awareness.
- Early warning system is another point of discussion that cannot work if people do not respond to the alert.

Tsunami DRR is a challenge facing Asia-Pacific region and multi-lateral cooperation is essential to build up efficient early warning systems and to get prepared against mega tsunami, which may involve world economy through global value chain.

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.



Sharing lessons learnt from mega disasters

Hirokawa village, Wakayama Prefecture



Brochure in more than 10 languages

Sendai 3/11 Memorial Centre, Sendai, city



Inamura-no-hi museum: Goryo's house used as a museum promoting Anti-Tsunami education



We could learn from more cases of Mega tsunami by collaborating beyond borders in addition to by learning from the past