

Sentinel Asia Tsunami WG

Proposal for  
Sentinel Asia Tsunami WG

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# Joint Chair

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# WG Events.

- First new Tsunami WG workshop held in Jakarta in 2015
- Web-meeting,
  - First meeting; 02/20/2017
  - Second meeting; 12/21/2017

# From Sendai Framework for Disaster Risk Reduction 2015-2030

- Priority 1. Understanding Disaster Risks
  - (c) Promote and enhance, through **international cooperation**, including **technology transfer**, access to and the sharing and use of non-sensitive data, information, as appropriate, communications and **geospatial and space-based technologies and related services**. Maintain and strengthen in situ and remotely-sensed earth and climate observations
  - (d) Promote **common efforts** in partnership with the scientific and technological community, academia and the private sector to establish, disseminate and share good practices internationally

# From Sendai Framework for Disaster Risk Reduction 2015-2030

- Priority 2. Strengthening disaster risk governance to manage disaster risk
  - (e) Promote **mutual learning and exchange of good practices** and information through, inter-alia, voluntary and self-initiated peer reviews among interested states
  - (f) Promote the strengthening of, as appropriate, **international voluntary mechanisms** for monitoring and assessment of disaster risks, including relevant data and information

# From Sendai Framework for Disaster Risk Reduction 2015-2030

- Priority 3. Investing in disaster risk reduction for resilience
  - (b) Promote the development and strengthening of disaster risk transfer and sharing mechanisms and instruments in close cooperation with partners in the **international community, business, international financial institutions and other relevant stakeholders**
  - (c) Promote cooperation between **academic, scientific and research entities and networks and the private sector** to develop new products and services to help reduce disaster risk, in particular those that would assist developing countries and their specific challenges

# From Sendai Framework for Disaster Risk Reduction 2015-2030

- Priority 4. Enhancing disaster preparedness for effective response and to “Build Back Better” in recovery, rehabilitation and reconstruction
  - (b) Promote the further development and dissemination of instruments, such as standards, codes, operational guides and other guidance instruments to support coordinated action in disaster preparedness and response and facilitate information sharing on lessons learned and best practices for policy practice and post-disaster reconstruction programmes

# Purpose/Goal

Contribution to enhancing capabilities of tsunami disaster management in Asia-Pacific countries

- Tsunami Risk Assessment
- Tsunami Forecasting/Warning
- Mapping Tsunami Inundation/Impact
- Tsunami Evacuation Plan
- Emergency Observation
- Tsunami Risk Awareness/Education
- Training Program



# Activities of WG

- Review of tsunami disaster response protocols of each country (including forecasting, early warning, emergency observation, monitoring, mapping)
- Review of past tsunami events
- Making plan of emergency observation for mapping impact in disaster response
- Making plan of using archive data for disaster response and recovery
- Making plan of success story (Definition of success story)
  - End to end system/services for tsunami disaster mitigation
- Web-based information sharing (Activities/Efforts/Outcomes) in Sentinel Asia web site

# TODO & comments

- To make the list of WG members
- Be more comprehensive (increasing members from different organization, but needs to nominate at least one focal point from each country)
- Define Users of the information, more specific. Each member should define the users. Sentinel Asia's definition ... User is basically national organization.
- Keep in mind “User-oriented approach”, not “Providers-oriented”.
- Collaboration with developing agencies (ADB, JICA) and national project
- Classifying the implementation phases.
- Sharing information including slides via Sentinel Asia Server
- Exchange, collaborating with other organizations, groups
- Next web-meeting, beginning of 2016 (not all members).
- Needs WG webpage for outreach.

# Objectives and Implementation Strategy of Tsunami Working Group

- According to the slide “Sentinel Asia Tsunami WG” (attached), co-chair explained overview of Tsunami WG.
- The WG was established for international relationship and as to be international hub on Tsunami disaster management in Asia-pacific region.
- At the next meeting, he would like WG members to make a presentation about Tsunami disaster response protocol of each country.
- A making plan of success stories is quite important. And we need to use at least one of the technologies, implement and transfer. That’s why in next JPTM, a training course will be taken place.
- Web based information sharing is one of the final goal.

## **Discussion on the contribution and inputs from Tsunami Working Group toward the achievement of Sentinel Asia Step 3**

- In the web-con, Tsunami WG members made a fruitful discussion.
  - Tsunami forecast system developed by Prof. Koshimura can be transported to Taiwan as well as other countries.
  - WG members in Taiwan was very interested in Tsunami forecast system. They have a super computer. This might be a show-case of application of WG solution to Sentinel Asia members.
  - Some of the WG members will join and give a presentation at JPTM to corroborate with members.
  - Project initiated by Prof. Koshimura can be shared with members the information of the technology.