



**Asia-Pacific
Economic Cooperation**

2019/SOM3/EPWG/013

Agenda Item: 9.3

**Enhancing APEC Resilience Through Science,
Technology and Innovation for APEC Sustainable
and Inclusive Growth**

Purpose: Information

Submitted by: PPSTI



**15th Emergency Preparedness Working Group
Meeting
Puerto Varas, Chile
22 August 2019**



**Asia-Pacific
Economic Cooperation**

**Enhancing APEC Resilience Through Science,
Technology and Innovation for APEC Sustainable
and Inclusive Growth**

Taipei, Chinese Taipei

September 30th – October 2nd, 2019

RELEASE DATE: 1st August 21, 2019

Joint self-funded project under EPWG and PPSTI



1. Background

Enhancing APEC Resilience Through Science, Technology and Innovation for APEC Sustainable and Inclusive Growth will take place in Taipei, Chinese Taipei from September 30th – 2nd October 2019.

ACTS Initiatives on Building Climate Resilience Society

Environmental risk/natural disasters have drawn global attention to its increasing frequency and intensity. The “New normal” shows tremendous challenges and threats to the potential global value chain or supply chain by casting interruptions on operations, logistics, trade and investment across economies incurring disaster-related losses of over \$100 billion every year in the past decade. According to the annual Global Risks Perception Survey, the significant increasing risk of natural disaster threats ranked higher than average for both likelihood and impact for the upcoming 10 years.

In this context, how APEC economies enhance resilience by utilizing state-of-art-technology including ICTs to cope with the climate extremes for keeping APEC-wide sustainability and inclusive growth? Integrated technology and cross-fora collaboration under APEC is setting the new and welcome standards for securing livelihoods and sustainable growth in disaster-affected areas and beyond. This project can contribute to gauge implementation of the region’s disaster-resilient trade initiative with prospective against climate extremes. The immediate needs are to better apply the innovations of science and technology for decision making to ensure APEC sustainable development. In order to succeed the operations in times of disaster, the collaboration through public private partnership are the key to facilitate knowledge transfer for better preparedness.

Through “Science to Actions”, the APEC Research Center for Typhoon & Society (ACTS) aimed at utilizing Climate Information Services to facilitate disaster risk reduction (DRR), decision-making and capacity building based on APEC Disaster Risk Reduction Framework (APEC DRRF). Considering the dynamics and diverse impacts of natural disasters, we encourage the continuous investment on science, technology and innovation for resilience city in APEC region through capacity building. Hence, Chinese Taipei proposes a well-structured 3-day APEC Resilience Week activities in Taipei to incorporate **2019 ACTS Annual Meeting on Enhancing APEC Resilience Through Science, Technology and Innovation for APEC Sustainable and Inclusive Growth**, which covers major natural hazards in APEC region



including typhoons, earthquakes, floods, landslides and mudslides. It demonstrates the best practices of the science-based approaches on emergency preparedness with experiences sharing from both public and private sectors. Through technology exchange, best practices sharing and cross-boundary collaboration, Policy Partnership for Science, Technology and Innovation (PPSTI) and Emergency Preparedness Working Group (EPWG) joint activities provide one of the best platform to synergize resources at regional level and benefit APEC stakeholders on strengthening disaster risk management and sustainable development.

APEC travel-eligible economies will be invited in consideration of the vulnerabilities. ACTs annual meeting defined as a joint event between PPSTI and EPWG. Researchers, disaster managers, emergency responders, government officials and practitioners are the target audiences.

2. PROGRAM ARRANGEMENTS

The objectives are: 1) To promote science, technology and innovation on weather related hazards in APEC region, 2) To promote adaptation countermeasures of weather related hazards on socio-economic impacts for inclusive and sustainable growth, 3) To facilitate data exchange and scientific findings through cross fora collaboration on public private partnership, 4) To promote capacity-building programs as a whole society through annual PPSTI activities and 5) To coordinate digital preparedness for regional economic sustainability and human security.

In order to strengthen the effectiveness of disaster risk reduction and resiliency of the whole society, this event will serve as a platform for sharing the best practices of emergency preparedness, science, technology and innovation, therefore the workshop is titled: Enhancing APEC Resilience Through Science, Technology and Innovation for APEC Sustainable and Inclusive Growth, in which the insights from the government officials of APEC economies, representatives and experts from regional disaster agencies will be provided. The target beneficiaries include the public and private sectors of APEC economies as well as non-governmental organizations related to Food Security, Climate Change Adaptation, Emergency Preparedness, Capacity Building and Resilience and protecting trade and investment to pursue sustainable inclusive economic growth. The outputs will help building capacity through technology integration and best practices sharing. From Science to Action, the expected outcomes of the project will focus on the adaptation strategy against climate extremes for sustainable growth. While implementation, female-oriented opinions will be highlighted to ensure gender equality of preparedness, sourcing and accessibility to DRR information on user friendly aspects. The tentative agenda is as following:

Tentative Agenda

**2019 ACTS Annual Meeting - Enhancing APEC Resilience Through Science, Technology
and Innovation for APEC Sustainable and Inclusive Growth**

September 30th – October 2nd, 2019

	Day 1 30 September Monday	Day 2 1 October Tuesday	Day 3 2 October Wednesday
09:00- 10:20	Opening remarks	Policy Dialogue 3 <i>From Science to Action</i> PPSTI & EPWG	Field Trip
	Keynote speech 1 APEC Disaster Resilient City		
10:40- 12:00	Keynote speech 2 Technology for Capacity Building	Best Practices Climate Information Services APCC	
12:00- 14:00	Lunch Booth Exhibition	Lunch Booth Exhibition	
14:00- 15:20	Policy Dialogue 1 <i>Public Private Partnership Plant Back Better EPWG/PPFS Disaster Risk Financing and Insurance FMP-DRFI</i>	Best Practices Capacity Building on Climate Extremes - Climate Change Adaptation PPSTI & EPWG	
15:40- 17:00	Policy Dialogue 2 <i>Information Intelligence Digital Resilience/O2O Supply Chain Connectivity/BCP EPWG, SMEWG & TPTWG</i>	Initiatives Building Climate Resilience Society	
18:00-	Ice Breaker		

*Please note that this Agenda is subject to change by PO.