Asia-Pacific
Economic Cooperation

2017/SOM3/EPWG/023
Agenda Item: 9.2

Regional and Local Best Practices of Post-Disaster Recovery: Building Sustainability and Resilience Through Scientific Approaches

Purpose: Information
Submitted by: Chinese Taipei

APEC VIET NAM 2017

12th Emergency Preparedness Working Group Meeting
Ho Chi Minh City, Viet Nam
21-22 August 2017

Asia-Pacific Economic Cooperation

APEC Emergency Preparedness Capacity Building Center

Regional and Local Best Practices of Post-Disaster Recovery: Building Sustainability and Resilience through Scientific Approaches

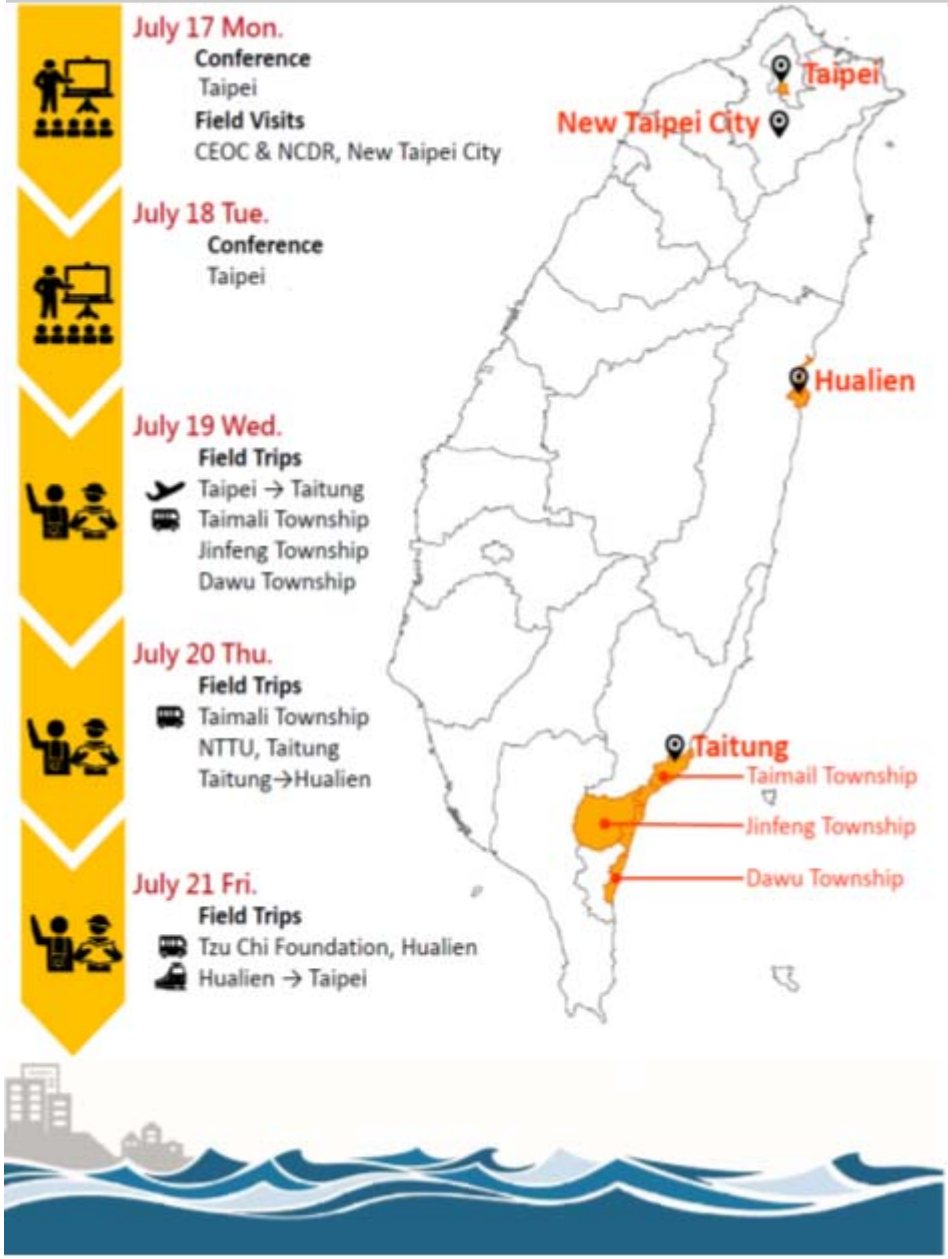
July 17th – 21st, 2017
Chinese Taipei

12th APEC Emergency Preparedness Working Group Meeting

Regional and Local Best Practices of Post-Disaster Recovery: Building Sustainability and Resilience through Scientific Approaches

- **Date: July 17 to 21, 2017 (Self-funded)**
- **Venue: Nagoya, Japan**
- **Participating APEC member economies: 9**
- **Organizers:**
  - Chinese Taipei: APEC Emergency Preparedness Capacity Building Center (EPCC)
- **Participation by private sectors**
  - Research community, government official, practitioners, NGOs and business sectors
- **Core discussed issues:**
  - Efforts contributed by the whole society for “Build back better”
  - Sharing the best practices of community-level post-disaster reovery

Agenda setting

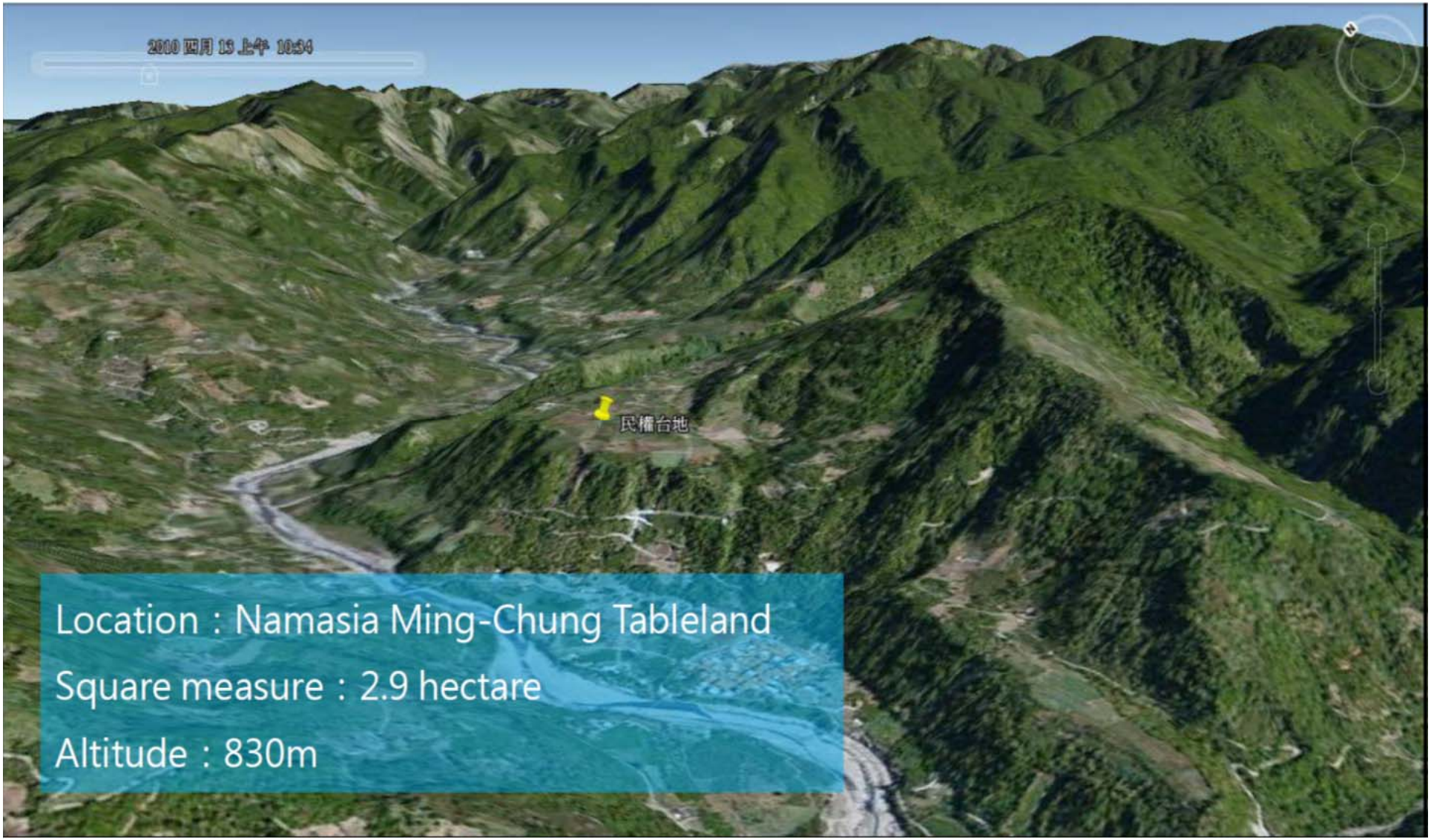


- **Tow-days indoor presentations and discussions**
  - Regional recovery experiences shared by member econimies
- **Three-day excursion**
  - Visits to typhoon-affected communities after recovery and reconstruction
  - Understanding about how NGOs and research communities to help

Build back better and greener for a remote elementary school

- Rebuilding Namasia- A Case of Green building to Increase Climate Resilience
- Delta Electronics Foundation
- The story began after Typhoon Morakot in 2009

Namasia located in a mountainous and with high risk of slope-land disaster



Makeshift classrooms for students

台達電子文教基金會

Initiate ideas of “disaster risk reduction and green school” in kids’ mind

Green school builds with a solar panel generating electricity

Solar System

- **10.5 kWp (Kilowatt "peak" of a system)**
- **11,00 kWh generated in 2012**

Traditional and environmental friendly

Illumination by natural light and LED system in the library

Library

- 善用自然採光、節能燈具和通風的圖書館

A display panel

- **To report total produced electricity**
- **To report total power comsumption**

Multi-function open space

Becoming a shelter whenever needed

Excursion route

Site #1: Jia-lan

Permanent Housing Site #1: Jialan

【Population targeted】 victims of Jialan
【Builders】 World Vision & Red Cross
【Land tenure】 private

	Haitang Site	Morakot Site	
		Westside	Eastside
Commencement date	May 5, 2010	May 28, 2010	May 28, 2010
Completion date	Jan. 29, 2011	Nov. 30, 2012	April 14, 2011
Site area (Ha)	0.9	2.3	6.4
Housing Units	16	41	48

Site #1: Jia-lan

Permanent Housing Site #1: Jialan

Site #2: Fu-shan

Permanent Housing Site #2: Fushan

【Population targeted】 victims of Fushan Tribe
【Builders】 World Vision
【Land tenure】 public (Township Gov.)

【Commencement date】 Jan. 2010
【Completion date】 July 4, 2010
【Site area】 0.72 Ha
【Housing Units】 31

Site #2: Fu-shan

Reflections on “Recpvery”:

- Fast one or Time-consuming one
- Economy and Ecology
- Where and How
- By whom?
- Culture preservation?
- Change in social connection
- Future for young generation
- Feeling of ownership
- Role of outsiders?
- Government and NGOs
- How long it takes to say, “We build back better’

Thank for your kind cooperation