

Past and Current Activities and Future Plans of TC21



November 27, 2017



Masaru ARAKIDA
Asian Disaster Reduction Center (ADRC)

Past, Present and Future Activities of TC21

Date	Activity	Place	Detail
2016 Aug.	TC21 Kick off Meeting and Technical session	Hawaii USA	During CECAR7, TC21 activity started, contents were confirmed, and good practices of participants are shared.
2016 Nov.	Field Survey and TC21 1st International Symposium	Ormoc Davao Philippines	Visiting affected areas by typhoon Haiyan 2013. Good practice presentations and panel-discussion
2017 Mar.	International Symposium on Natural Disaster Mitigation	Hanoi Viet Nam	Presentation of TC21 activity at the symposium co-organized by TC21, University of Transport and Communications, and VFCEA
2017 Apr.	Field Survey and TC21 2nd International Symposium	Chautara Kathmandu Nepal	Visiting affected areas by Nepal Earthquake 2015. Presentations of good practices and panel-discussion
2017 May	Japanese Civil Engineers the Global Leaders Symposium Series No. 9	Tokyo Japan	Discussion with the title" The Project for Flood Mitigation in Ormoc City, the Philippines" in the symposium co-organized by JSCE international Center project group and TC21
2017 Jul.	International disaster relief workshop	Taipei Taiwan	Presentations of TC21 activity and good practice of Nepal in the symposium co-organized by NCDR and TC21.
2017 Sep.	7 th International Conference on Flood Management	Leeds UK	Introduction of TDA and good practice of Ormoc city at poster session.
2017 Sep.	JSCE Annual Convention	Fukuoka Japan	Presentations of TC21 activity and good practices of TDA in japan
2017 Nov.	World BOSAI Forum	Sendai Japan	Holding TC21 technical session including introduction of good practice of TDA and discussion of efforts to root cause of disaster
2018 Apr.	TC21 3rd International Symposium	Hanoi Viet Nam	Field survey and holding symposium during ACECC executive committee meeting.
2019 Apr.	CECAR8	Tokyo Japan	TC21 session will be held.
	Action Proposal	Each Country	Practical Actions of TDA

TC21 Kick of Meeting

Major Activity of ACECC

→ CECAR(Civil Engineering Conference in the Asian Region)

TC21 kicked off the activity at CECAR7 at Hawaii, 2016



- TC21 Kick off meeting -
Co-chair Prof. Takeuchi (Japan)
and Dr. Momo (Philippines)



- TC 21 Committee member -
From Indonesia, Taiwan
and United States

Field survey and International Symposium In Philippines

Ormoc City:

Establishment of Flood Mitigation Committee covering central and city government, and barangay, the smallest administrative unit in the Philippines. River maintenance works are done by communities.



Field survey at Ormoc

Symposium: International Comparison of Scientific Knowledge-Based Decision-Making Schemes for Disaster Reduction



International Symposium at Davao

Field Survey and international symposium at Nepal

Chautara:

One of the most severely affected area by the Nepal earthquake 2015. Over 90% houses were destroyed.

Symposium: International Comparison of Scientific Knowledge-Based Decision-Making Schemes for Disaster Reduction



Field survey at Chautara, Nepal



International Symposium at Kathmandu
(As side event of ACECC annual convention)

Publication of Booklet toward CECAR8

CECAR8 “Resilient Infrastructures in Seamless Asia ”



TC21 are planning to hold international session and submit technical report about TDA

■ Objective

- ✓ To enhance **TDA good practices** to engineers and policy makers
- ✓ To support conducting **Comparative Analysis** for each country

■ Structure of good practice report

- ✓ Introduction
- ✓ Outline and root causes of disaster
- ✓ Science-knowledge decision-making by TDA and knowledge-flow
- ✓ Summary and way forward