
AGENDAS FOR PARALLEL SESSIONS

WG1: GEOSS ASIAN WATER CYCLE INITIATIVE (AWCI) **in cooperation with Task6: Monitoring and evaluation of drought in Asia-Oceania region**

Human factors such as globalization, population growth, poverty, urbanization and changes in land use are aggravating the negative consequences of climatological, hydrological and meteorological hazards. Extreme climate events are also increasing these water-related disaster risks faced by populations living in vulnerable areas. The losses are increasing in both developed and developing countries, and in this interconnected world, the impact of an event can immediately cross borders, leading to cascading consequences, even in areas that are remote from the event. Repeated exposure to disasters is hampering sustainable development in vulnerable localities.

In 2015, the international community agreed on three major accords: the Sendai Framework for Disaster Risk Reduction 2015-2030 (Sendai Framework), the Sustainable Development Goals (SDGs), and the Paris Agreement on Climate Change (Paris Agreement). These agreements collectively present an urgent need and opportunity for action now and beyond. There are important connections among these agreements. The SDG on water and its related targets capture the many ways water is utilized, managed, treated and protected throughout the entire water cycle. These targets address pressing water-related issues including social vulnerability and water-related hazards due to intensified climate change as well as poverty, hunger and cities. These water issues are inter-related and interdependent and must be addressed in a systemic and global way to create a more water-secure world.

GEOSS/AWCI has stepped into the second phase. Based on the series of discussions at the Asia Water Cycle Symposium (AWCS2016) in Tokyo, March 2016, the 9th GEOSS Asia-Pacific Symposium in Tokyo, January 2017, the 3rd UN Special Thematic Session on Water and Disasters in New York July 2017, and the predatory meeting at Myanmar, Pakistan, Philippines and Sri Lanka, AWCI in collaboration with International Flood Initiative (IFI) established a Platform on Water and Disasters in each country and has launched its activity. AOGEOSS also proposed Task 6 on drought aiming to apply Earth Observations and other Space-based technologies to provide timely and free access to space-based data/products and services for effective drought monitoring, evaluation, and management.

This session will discuss concerted actions in Asia-Oceania region to be taken for contributing to the three global key agendas, Sendai Framework, SDGs and Paris Agreement, and to plans of UN Decade of Action "Water for Sustainable Development" (2018-2028)

Co-Chairs:

Dr. Nguyen Dinh Duong, Institute of Geography, Vietnam Academy of Science and Technology
Dr. Li Jia, Institute of Remote Sensing and Digital Earth (RADI), Chinese Academy of Science
Prof. Toshio Koike, International Centre for Water Hazard and Risk Management (ICHARM)

09:15-09:45	1. Opening GEOSS/AWCI Breakout Session	
	1) Opening Address	Co-Chairs
	2) Report on the AWCI Session of the 9 th GEOSS-AP	Toshio Koike
09:45-10:45	2. Introductions to the GEO Water-related activities in Vietnam	
		Coordinated by Dr. Nguyen Dinh Duong
10:45-11:00	<i>Break</i>	
11:00-12:00	3. Report on the Task 6 Activities	
		Coordinated by Li Jia
12:00-13:00	<i>Lunch Break</i>	
13:00-14:00	4. Observation, Data Integration and Information Dissemination	(TBC)
	1) GEO Water	GEOGLOWS
	2) Climate Risk Early Warning Systems (CREWS)	WMO
	3) Satellite Observations	JAXA
	4) Data Integration	DIAS
14:00-15:40	5. Platform on Water and Disasters	
	1) Background	Toshio Koike
	2) IFI and Regional Coordination	Mamoru Miyamoto
	3) National Status Reports	Myanmar, Pakistan, Philippines, Sri Lanka
15:40-16:00	<i>Break</i>	
16:00-17:15	6. Discussion towards Promoting Inter-linkages	<i>all</i>
	1) Needs, Issues and Benefits	
	2) Linkage to Regional and Global Coordination Framework	
	3) Building capacity	
	4) Planning Strategy	
17:15-17:30	7. Closing GEOSS/AWCI Breakout Session	
	1) Session Summary	Toshio Koike
	2) Concluding Remarks	Nguyen Dinh Duong, Li Jia