

ASEAN Academic Networking

Session I

Representatives from Government
Agencies in ASEAN

Objectives

- Water Resources and Disaster Management caused by Climate Change in ASEAN Region for short & long term scenarios
- To facilitate collaborations and establish network among governmental agencies and academics

Thailand (RID)

- Flood & Drought Management under Climate Change
- Management of water resources, allocation, participation, prevention & mitigation of hazards
- Dry season: supply & demand
- Wet season: wet-season crop & flood
- Monitoring & flood forecasting, flood hazard map, flood risk information

Myanmar

- Mountainous region & delta areas
- Heavy rainfall (upto 5500 mm/year)
- Flood management: structural measures (dykes)
- Storm & flood forecasting
- Near real time rainfall
- Network of meteorology & hydrology

Laos PDR

- Impact of storm to agricultural land
- Disaster Management Policy
- Flood and Drought mitigation measures
- Require: new technology for flood prediction, training, and lessons learned from neighboring countries

Vietnam

- Drought in highland (drought index, crop drought index, hydrology index)
- Multi reservoirs operation
- Flash flood mapping
- Vietnam Special Report of Extreme Events
- Sea level rise

Malaysia

- Integration and coordination of non-climatic and climatic issues
- Scientific → Engineering → Socio-Economy
→ Policy → Implementation
- R&D → Practice Development → Economic Assessment →

The Philippines

- Super Typhoon Haiyan, Typhoon Ketsana
- Nationwide Operational Assessment of Hazards (NOAH) (18 River Basins)

(several participants, Devices, DREAM-LIDAR project, Geo-hazards Mapping, Radar systems)

- Human Resources Development Plan

Thailand (DWR)

- Water Security (livelihood, agriculture, urbanization, ecosystems, climate change)
- Sub-committee Group 2
- Strategic Plan for floods and droughts
- Organization: procedure of developing the plan and communication across related parties.