



First Regional Workshop

Adapting groundwater of Asian cities to climate change: bridging the science and policy interface

Asian Institute of Technology (AIT), Thailand
13-14 December, 2016

PROGRAM SCHEDULE

Day-1: 13 December 2016 (Tuesday)	
OPENING SESSION	
8:30 - 8:45	Registration
8:45 - 8:50	Objectives of the workshop [Dr. Sangam Shrestha ; Assoc. Prof., AIT]
8:50 – 9:00	Introduction of the participants [All]
9:00 - 9:10	Opening remarks [Prof. Worsak Kanok-Nukulchai ; President, AIT]
9:10 - 9:15	Welcome remarks from APN [Dr. Jariya Boonjawat ; Advisor, Atmospheric Research Group, Southeast Asia START Regional Center, Chulalongkorn University]
9:15 - 9:45	Keynote speech: Overview of Climate Change and Groundwater Resources [Dr. Jayakumar Ramasamy , Chief of Natural Science Sector, UNESCO, Bangkok Office]
9:45 - 9:50	Group Photo [All]
9:50 - 10:20	Refreshment/Networking
Technical Session 1: Groundwater Resources Under Climatic/Non-Climatic Changes [Chair: Prof. Mukand S. Babel, AIT]	
10:20 - 10:40	Climate change impacts on groundwater resources of Mekong Delta [Dr. Sangam Shrestha ; Asian Institute of Technology (AIT), Thailand]
10:40 - 11:00	The potential of groundwater investigation over Thailand under changing climate [Dr. Winai Chaowiwat ; Hydro and Agro Informatics Institute, Thailand]
11:00 - 11:20	Groundwater-WASH nexus in the context of SDGs [Dr. Binaya Raj Shivakoti ; Institute for Global Environmental Strategies (IGES), Japan]
11:20 - 11:40	Research and findings of potential impact of climate change on groundwater yield and salinity in the Northeastern region of Thailand [Dr. Phayom Sarapirom , Groundwater Research Center, Faculty of Technology, Khon Kaen University, Thailand]
11:40 - 12:00	Groundwater vulnerability and risk in Kathmandu Valley: Evaluation of index-overlay methods [Dr. Vishnu Prasad Pandey ; AIT, Thailand]
12:00 - 12:30	Discussion
12:30 - 14:00	Lunch/Networking
Non-Technical Session 1: Mind Purifying	
14:00 – 14:45	Mind purification process: preparing for and practicing of meditation [Dr. Binaya Raj Shivakoti ; IGES, Japan]



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Technical Session 2: Groundwater in the Project Cities [Chair: Dr. Sangam Shrestha, AIT]	
14:45 - 15:05	Groundwater in the changing context in Bandung city [Dr. Dian Sisingsih , Department of Water Resources Engineering, University of Brawijaya (UB), Indonesia]
15:05 - 15:25	Groundwater in the changing context in Bangkok city [Dr. Oranuj Lorphensri , Groundwater Assessment Bureau, Department of Groundwater Resources, Thailand]
15:25 - 15:45	Groundwater in the changing context in Ho Chi Minh city [Dr. Bui Tran Vuong , Division of Water Resources Planning and Investigation for the South of Vietnam (DWRPIS), Ministry of Natural Resources and Environment, Vietnam]
15:45 - 16:05	Groundwater in the changing context in Lahore city [Dr. Muhammad Basharat , International Water Logging and Salinity Research Institute (IWASRI), Water and Power Development Authority (WAPDA), Pakistan]
16:05 - 16:20	Refreshment/Networking
Technical Session 3: Projected Future Climate of the Study Cities	
16:20 - 17:00	Projected future climate of the four study cities [Dr. Sangam Shrestha/Ranju Chapagain ; AIT, Thailand]
17:00 - 21:00	Closing of Day-1 & Welcome Reception
Day 2: 14 December 2016 (Wednesday)	
Technical Session 4: Groundwater Vulnerability to Climate Change	
9:00 - 9:30	Framework for assessing groundwater vulnerability to climate change [Dr. Vishnu Prasad Pandey ; AIT]
9:30 - 10:30	Group-wise discussion on the framework [2-3 Groups]
10:30 - 11:00	Refreshment/Networking
11:00 - 11:30	Group presentation on summary of discussion [Representative of the Groups]
11:30 - 12:00	Moving forward and closing remarks [Dr. Sangam Shrestha ; Assoc. Prof., AIT]
12:00 - 13:30	Lunch