

# Workshop on “Enhancing the groundwater management capacity in Asian cities through the development and application of groundwater sustainability index in the context of global change”

24-25 July, 2014  
Asian Institute of Technology, Thailand



## Program Schedule

**Day 1: Thursday, 24 July**

**Venue: Room B 202, AITCC**

Opening Session		
9:00 – 9:30	Registration	
9:30 – 9:40	Objective of the workshop	Dr. Sangam Shrestha, AIT, Thailand
9:40-9:50	Welcome Remarks	Prof. Voratas Kachitvichyanukul, Dean, School of Engineering and Technology, AIT, Thailand
9:50-10:10	Briefing on Asia Pacific Network for Global Change Research (APN)	Dr. Jariya Boonjawat, Scientific Planning Group, APN, Thailand
10:10-10:30	Key note speech: Towards scientific and methodological innovation in transboundary aquifer resource management	Prof. Mukand S. Babel, Professor and Director, Center of Excellence on Sustainable Development in the context of Climate Change (SDCC),AIT, Thailand
10:30 – 10:35	<b>Group Photo</b>	
<b>10:35-10:55 (Coffee/Tea Break)</b>		
<b>Technical Session -1: Groundwater Environment and its Sustainability in South-East Asia</b>		
<b>Chair: Dr. Muhammad Basharat Chaudhary</b>		
10:55 – 11:25	Groundwater Sustainability of Bangkok, Thailand	Dr. Oranuj Lorphensri, Director, Ground Water Control Bureau, Department of Groundwater Resources, Thailand
11:25-11:55	Groundwater Sustainability of Ho Chi Minh City, Vietnam	Dr. Bui Tran Vuong, Deputy Director General, Division for Water Resources Planning and Investigation, Vietnam
11:55 – 12:25	Groundwater Sustainability of Yangon, Myanmar	Dr. Khin Kay Khaing, Lecturer, Department of Geography, University of Yangon, Myanmar
12:25 – 12:45	Discussion	All
<b>12:45-14:10 (Lunch Break-AITCC)</b>		

**Technical Session -2: Groundwater Environment and its Sustainability in South-Asia****Chair: Dr. Oranuj Lorphensri**

14:10 – 14:40	Groundwater Sustainability of Chitwan, Nepal	Dr. Rabin Malla, Executive Director, Center of Research for Environment and Water, Kathmandu, Nepal
14:40 – 15:10	Groundwater Sustainability of Hyderabad, India'	Dr. Shashidhar, Assistant Professor, Indian Institute of Technology, Hyderabad, India
15:10 – 15:40	Groundwater Environment and Long-term Sustainability of Lahore Aquifer, Pakistan	Dr. Muhammad Basharat Chaudhary, Director, International Waterlogging and Salinity Research Institute, Lahore, Pakistan
15:40 – 16:00	Discussion	All
16:05 – 16:15	Closing of Day-1	All
18:00	Welcome dinner (AITCC)	All

**Day 2: Friday, 25 July****Venue: Room B 202, AITCC**

<b>Session</b>		<b>Resource Person</b>
9:00 – 9:10	Summary of the 1 <sup>st</sup> day's sessions and objective of the 2 <sup>nd</sup> day's program	Dr. Sangam Shrestha, AIT, Thailand
<b>Technical Session -4: Sharing Groundwater research</b>		
<b>Chair: Dr. Bui Tran Vuong</b>		
9:10 – 9:30	Preference analysis of household groundwater use for water supply and sanitation in Asian cities	Dr. Binaya Raj Shivakoti , Institute for Global Environmental Strategies (IGES)
9:30-9:50	Towards groundwater as a state-controlled resource in Kathmandu Valley: role of non-state actors	Dr. Vishnu Prasad Pandey, Asian Institute of Technology and Management (AITM), Nepal
9:50-10:10	Delineation of groundwater potential zone in the Comoro River Basin, Timor Leste using the GIS, Remote Sensing and Analytic Hierarchy Process (AHP) technique	Mr. Domingos Pinto, Asian Institute of Technology
10:10-10:30	Model Based Estimation of Land Subsidence in the Kathmandu Valley, Nepal	Mr. Pallav Shrestha, Asian Institute of Technology
10:30-10:45	Discussion	All
<b>10:45-11:00 (Coffee Break)</b>		
<b>Technical Session -5: Comparative Analysis of Groundwater Environment and its Sustainability</b>		
11:00 – 11:20	Presentation on 'Comparative analysis of Groundwater Sustainability Index'	Dr. Sangam Shrestha, AIT, Thailand
11:20 – 12:20	Moving forward (Proposal preparation for next phase)	All
12:20 – 12:25	Closing Remarks	Dr. Sangam Shrestha, AIT, Thailand
<b>12:25-13:25 (Lunch Break-AITCC)</b>		