

Program of THA 2015 International Conference on “Climate Change and Water & Environment Management in Monsoon Asia”

TIME	WEDNESDAY- 28 JANUARY 2015			
08.00- 09.00	Registration at Le Concorde Ballroom, 2 <sup>nd</sup> floor, Swissôtel Le Concorde			
<b>Venue: Le Concorde Ballroom, Level 2</b>				
09.00-09.10	<b>Opening Ceremony</b>			
09.10-09.20	<b>Conference Report</b>		<b>Dr. Subin Pinkayan</b> President of Thai Hydrologist Association	
09.20-09.30	<b>Opening Remarks and Group Photo</b>		<b>His Excellency Mr. Ampol Senanarong</b> Privy Councillor	
09.30-10.15	<b>Exhibition tour</b>			
10.15-10.30	<b>Coffee Break</b>			
10.30-11.00	<b>Keynote Speaker I</b> <b>Water related disasters due to changing climate</b>		<b>Dr. Gwang-Jo Kim</b> Director, UNESCO Asia and Pacific Regional Bureau for Education (UNESCO Bangkok)	
11.00-11.30	<b>Keynote Speaker II</b>		<b>Mr. Miguel Musngi</b> Senior Officer of DMHA Division, ASEAN Secretariat	
11.30-12.00	<b>Keynote Speaker III</b> <b>Water related Project Planning under Climate Change</b> <b>Thailand NESDB representative</b>		<b>Mr. Arkhom Termpittayapaisith</b> Secretary-General, Office of the National Economic and Social Development Board (NESDB), Thailand	
12.00-13.00	<b>Lunch Break</b>			
<b>Room</b>	<b>Venue: Salon A</b> Plenary session presentation	<b>Venue: Jamjuree</b> Plenary session presentation	<b>Venue: Krisana</b> Plenary session presentation	<b>Venue: Salon B</b> <b>Workshop on “ASEAN Academic Networking in Water&amp; Disaster Management and Climate Change”</b>
<b>Chair</b>	Dr. Dusadee Sukawat	Asst. Prof. Dr.Ekasit Kositsakulchai	Assoc. Prof. Chaiyuth Sukhsri	
<b>Briefing</b>	Dr. Saisunee Budhakooncharoen	Dr. Sarawut Jansuwan	Dr. Sompong Boonprasert	
13.00	<b>Invited paper A01</b> <b>Introduction to Monsoon Asia Integrated Regional Study and possible involvement of Thailand in the regional initiative</b> <b>Dr. Ailikun</b>	<b>Invited paper B01</b> <b>Can regional climate models provide proxies for sustainable water resources management over data sparse regions?</b> <b>Prof. LIONG, Shie- Yui</b> National University of	<b>Invited paper D01</b> <b>Analyses and Strategies for handling climate change impacts on flooding</b> <b>Dr. Ole Mark</b> DHI, Denmark	<b>Session 1: Planning presentation</b> - Opening speech By Dr. Ramasamy Jayakumar, UNESCO IHP - Mr. Lertviroj Kowattana Royal Irrigation Department, Thailand

	Chinese Academy of Sciences, China	Singapore, Singapore		
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<b>Room</b>	<b>Venue: Salon A</b> Plenary session presentation	<b>Venue: Jamjuree</b> Plenary session presentation	<b>Venue: Krisana</b> Plenary session presentation	<b>Venue: Salon B</b> Workshop on “ASEAN Academic Networking in Water & Disaster Management and Climate Change” (ASEAN Workshop)
13.30	<b>Paper TA 01:</b> <b>Uncertainty in climate change projection and its impact on hydrology of the Nam Ou River Basin</b> (Manisha Maharjan <sup>1,a*</sup> , Mukand S. Babel <sup>1,b</sup> and Shreedhar Maskey <sup>3,c</sup> , Thailand)	<b>Invited paper B02</b> <b>Climate Change Mitigation: Water and Energy Nexus in Urban Environments</b> <b>Dr. Tamim Younos</b> The Cabell Brand Center for Global Poverty and Resource Sustainability Studies, USA.	<b>Paper TD 01:</b> <b>Development of operational flood optimization within the flood forecasting system to determine the optimal release for Ubonrat reservoir for flood mitigation</b> (Sathit Chantip <sup>1,a*</sup> , Piyamarn Sisomphon <sup>2,b</sup> Surajate Boonyaroonnet <sup>3,c</sup> , Thailand)	<b>Session 1: Planning presentation (Cont.)</b> <ul style="list-style-type: none"> <li>- <b>Dr. Hrin Nei Thiam</b>, Director-General of the Department of Meteorology and Hydrology, Ministry of Transportation, Myanmar</li> <li>- Director-General of the Department of Irrigation, Ministry of Agriculture and Forestry of Laos</li> <li>- <b>Prof. Duong Hong Son</b>, Deputy Director General of Vietnam Institute of Meteorology, Hydrology and Environment of Vietnam</li> <li>- <b>Ir Mohd Zaki Mat Amin</b>, Director of Research Centre for Water Resources, National Hydraulic Research Institute of Malaysia (NAHRIM)</li> <li>- <b>Ir. Mudjadi, M.SC.</b>, Director-General of Water Resources, Ministry of Republic Work, Government of Indonesia</li> <li>- To be confirmed, Philippines</li> <li>- Department of Water Resources, Thailand</li> </ul>
13.50	<b>Paper TA 05:</b> <b>Impact of climate change on groundwater recharge in Ho Chi Minh City area</b> (Ha Quang Khai <sup>1,a*</sup> , Sucharit Kooltanakulvong <sup>2,b</sup> , Thailand)	<b>Paper TB 02:</b> <b>Assessment of Water Requirement of Chulsa Rice by using CROPWAT model</b> (Mrs. Men Nareth, Cambodia )	<b>Paper TD 03:</b> <b>Assessment of River Bank Erosion and Vulnerability of Embankment to Breaching: A RS and GIS Based Study in Subansiri River in Assam</b> (BIPUL TALUKDAR <sup>1,a*</sup> , RANJIT DAS <sup>2,b</sup> , India)	
14.10	<b>Paper TA 07:</b> <b>Introduction to TCCIP: dynamic and statistical downscaling and its applications</b> (Lee-Yaw Lin <sup>1,a*</sup> , Yung-Ming Chen <sup>1,b</sup> , Jung-Lien Chu <sup>1,c</sup> , Chao-Tzuen Cheng <sup>1,d</sup> , Jun-Jih Liou <sup>1,e</sup> , Yun-Ju Chen <sup>1,f</sup> and, Yuan-Fong Su <sup>1,g</sup> , Taiwan)	<b>Paper TB 05:</b> <b>Analysis of Hydrologic Variables Changes related to Large Scale Reservoir Operation by Using Mann-Kendall Statistical Tests in Thailand</b> (MANEE Donpapob <sup>1,a*</sup> , TACHIKAWA Yasuto <sup>2,b</sup> and YOROZU Kazuaki <sup>3,c</sup> , Japan)	<b>Paper TD 07:</b> <b>Technology Assisted Flood Management</b> (Surajate Boonyaroonnet <sup>1,a</sup> , Peraya Tiantianuparp <sup>1,b</sup> , Sutat Weesakul <sup>1,2,c*</sup> and Royol Chitradon <sup>1,d</sup> , Thailand)	
14.30	<b>Paper TA 08:</b> <b>Urban-induced Rainfall in Chiang Mai, Thailand</b> (KLONGVESSA Pawee <sup>1,a*</sup> and LU Minjiao <sup>1,b</sup> , Japan)	<b>Paper TB 06:</b> <b>Effect of AWDI Practices on GHG Emission in a Small Scale Lysimeter</b> (Mr. Ishwar Pun, Japan)	<b>Paper TD 10:</b> <b>Impact of Climate Change on Urban Flood Management: A Case Study in Mae Sot Municipality in Tak Province</b> (Assoc.Prof. Sombat	

			CHUENCHOOKLIN, Thailand)	
<b>TIME</b>	<b>WEDNESDAY- 28 JANUARY 2015</b>			
14.50	<b>Coffee Break</b>			
<b>Room</b>	<b>Venue: Salon A</b> Plenary session presentation	<b>Venue: Jamjuree</b> Plenary session presentation	<b>Venue: Krisana</b> Plenary session presentation	<b>Venue: Salon B</b> Workshop on “ASEAN Academic Networking in Water & Disaster Management and Climate Change” (ASEAN Workshop)
<b>Chair</b>	Dr. Shrestha Sangam	<b>KU</b>	Asst. Prof. Dr. Aksara Putthividhya	
<b>Briefing</b>	Dr. Saisunee Budhakooncharoen	Dr. Sarawut Jansuwan	Dr. Sompong Boonprasert	
15.10	<b>Paper TA 12:</b> Application of a Land Surface Model for Bias Correction of Runoff Generation Data from MRI- AGCM3.2S Dataset (DUONG Duc Toan <sup>1,a*</sup> , TACHIKAWA Yasuto <sup>1,b</sup> and YOROZU Kazuaki <sup>1,c</sup> , Japan)	<b>Invited paper B03</b> Integrated study of the water-ecosystem-economy in the Heihe River Basin and its implication for water resource management in world's inland river basins <b>Prof. Xin Li, Chinese Academy of Sciences (CAS), China</b>	<b>Invited paper D02</b> Mitigating Water Insecurity through Disaster Preparedness in Korea <b>Dr. CHOI Byungman</b> Executive Director of K-water Institute and Co-chair of the Regional Process Commission of the 7th World Water Forum, Korea	<b>Session 1: Planning presentation (Cont.)</b>
15.40	<b>Paper TA 16:</b> Evaluation of Precipitation over Northern Thailand in CMIP5 MRI-CGCM3 Simulations (Parichat Wetchayont <sup>1,3,a*</sup> and Srilert Chotpantarat <sup>1,2,b</sup> , Thailand)	<b>Paper TB 01:</b> Participatory Approach on Management of Communal Irrigation Systems in Upland Areas: <i>Case Studies of Water Governance in Three Provinces of Northern Luzon</i> (Agnes M. Ramos <sup>1,a</sup> , Orlando F. Balderama <sup>2,b,*</sup> , Philippines)	<b>Paper TD 02:</b> Hydrodynamics Simulation of An Overland Flow Over Low Lying Flat Land: A Case Study of The 2011 Severe Flood in Sam-Khok and Khlong Luang Districts (SAIFHON Tomkratoke <sup>a*</sup> and SIROD sirisup <sup>b</sup> , Thailand)	
16.00	<b>Invited paper C01</b> Assessment of climate change impact on large scale flooding – a case study in the Chao Phraya River Basin via new modeling technology <b>Dr. Takahiro Sayama</b> ICHARM, Public Works Research Institute, Japan	<b>Paper TB 07:</b> Irrigation Demand and the Flood Retention Potential by Changing of Cropping Calendar of the In-season Rice and Off-season Rice in Chao Phraya River Basin Area. (Songsak Puttrawutichai <sup>1,a*</sup> , Buncha Kwanyeeun <sup>2,b</sup> and Thongplew Kongjun <sup>3,c</sup> , Thailand)	<b>Paper TD 04:</b> Development of Technology for Monitoring, Evaluation and Prediction of Global and Local Water Related Disaster using Various Observation System (Dr. LEE Eulrae, Korea)	16.15-17.15 pm <b>Session 2: Discussion issues on Water &amp; Disaster Management and Climate Change</b> 17.15-17.30 pm <b>Session 3: Discussion on support to collaborative academic network</b>

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TIME				
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16.20	<b>Paper TC 03:</b> <b>Applying satellite communication for weather data to improve the efficiency of telemetry system in the upstream area.</b> (Wasukree Sae-tia <sup>1,a*</sup> , Thakolpat Khampuangson <sup>2,b</sup> , Piyamarn Sisomphon <sup>3,c</sup> and Surajate Boonyaroonnet <sup>4,d</sup> , Thailand)	<b>Paper TB 10:</b> <b>Benchmarking for Performance Assessment of Irrigation Schemes: Comparison of National Irrigation Systems(NIS) and Communal Irrigation System(CIS) in Cagayan River Basin</b> (Prof. Dr. Orlando Balderama , Philippines)	<b>Paper TD 06:</b> <b>Quasi-real-time satellite monitoring for assessing agronomic flood damage</b> (Akihiko KOTERA <sup>1,a*</sup> , Youtaro UENO <sup>1</sup> and Takanori NAGANO <sup>1</sup> ,Japan)	
16.40	<b>Paper TC 07:</b> <b>Development of a User-Friendly Web-based Rainfall Runoff Model</b> (Khin Htay Kyi <sup>1,a*</sup> , Minjiao Lu <sup>2,3,b</sup> and Xiao Li <sup>4,c</sup> , Japan)	<b>Paper TB 11:</b> <b>Effect of depth and spacing of subsurface drains on salinity of drainage water from rice paddy fields</b> (Mehdi Jafari-Talukolae <sup>1,a*</sup> , Ali Shahnazari <sup>2,b</sup> , Abdullah Darzi-Naftchali <sup>2,c</sup> ,Iran)	<b>Paper TD 08:</b> <b>Derivation Of Optimal Rule Curves For Flood Control Study Of Ubolratana Reservoir, Thailand</b> (Pich Hirun <sup>1,a*</sup> and Areeya Rittima <sup>1,b</sup> , Thailand)	
17.00	<b>Paper TC 20:</b> <b>Zn removal from synthetic wastewater using zeolite modified with oxidizing agent</b> (SALWA Mohd Zaini Makhtar <sup>1,a*</sup> , ISMAIL Abustan <sup>1,b</sup> , MAHYUN Ab Wahab <sup>1,c</sup> , NOR AMIRAH Abu Seman <sup>1,d</sup> , NUR ATIQA Ahmad Awalluddin <sup>1</sup> )			
18.00	<b>Reception Dinner (For registration participant)</b> Venue: Le Lotus 1			

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Room	Venue: Salon A	Venue: Salon B	Venue: Krisana
Chair	Plenary session presentation	Plenary session presentation	Workshop on “ASEAN Academic Networking in Water& Disaster Management and Climate Change” (ASEAN Workshop)
Briefing	Dr. Shrestha Sangam	Dr. Chaiwat Ekkawatpanit	
09.00	Dr. Suppattana Wichakul	Dr. Siriluk Chumchuan	<b>Session 4: Technical presentation</b> To present recent findings or on-going research related to Water & Disaster Management and Climate Change Speakers from ASEAN countries
09.00	<b>Invited paper C02</b> <b>Artificial intelligence technologies for urban flood control</b> <b>Prof. Fi-John Chang</b> National Taiwan University, Taiwan	<b>Invited paper A02</b> <b>“Improving Understanding of Atmospheric Loading of Greenhouse Gases Driving Climate Change: Filling Knowledge Gaps to Develop Strategies for Mitigation”</b> <b>Prof. Tissa Illangasekare</b> Colorado School of Mines, USA	<ul style="list-style-type: none"> <li>- <b>Dr. Shie-Yui Liong</b>, Deputy Director, Tropical Marine Science Institute (TMSI), National University of Singapore (NUS), Singapore</li> <li>- <b>Prof. Dr. M. Syahril B. Kusuma</b> Civil Engineering, Faculty of Civil And Environmental Engineering of Institut Teknologi Bandung, Indonesia</li> <li>- <b>Prof. Alan E. Milano</b> Civil Engineering Department, MSU-Iligan Institute of Technology, Philippines</li> <li>- <b>Dr. Ly Sarann</b> Head of Department Of Rural Engineering of Institute of Technology of Cambodia (ITC),Cambodia</li> <li>- <b>Dr. Pham Van Sang</b> School of Transportation Engineering, Hanoi University of Science and Technology, Vietnam</li> <li>- <b>Prof. Dr. Ismail Bin Abustan</b> School of Civil Engineering, University of Sains Malaya, Malaysia</li> <li>- <b>Dr. Win Naing Tun</b> Myanmar Environment Institute, Myanmar</li> </ul>
09.30	<b>Paper TC 09:</b> <b>Fluctuation and its change during rainfall events in water temperature at the upstream tropical forested watershed; study case: Kracak reservoir catchment - Indonesia</b> (Luki Subehi and Kwansue Jung, South Korea)	<b>Paper TA 06:</b> <b>Comparative evaluation of storm characteristics derived from observed rainfalls and GCM precipitation outputs</b> (Yuan-Fong Su <sup>1,a*</sup> , Jun-Jih Liou <sup>1,b</sup> and Ke-Sheng Cheng <sup>2,c</sup> , Taiwan)	
09.50	<b>Paper TC 12:</b> <b>Estimation of Evapotranspiration in Lam Ta Kong Basin using Surface Energy Balance Algorithm for Land (SEBAL) Model</b> (Miss. Haruetai maskong , Thailand)	<b>Paper TA 09:</b> <b>Bias correction test of simulted rainfall from PRECIS using adjustment factors based on distribution mapping</b> (Kowit Boonrawd <sup>1,a</sup> Chatchai Jothityangkoon <sup>1,b</sup> , Thailand)	
10.10	<b>Paper TC 15:</b> <b>Sensitivity of Snow Covered Area of Brahmaputra River Basin to Temperature</b> (Swapnali Barman <sup>1,a*</sup> , R.K. Bhattacharjya <sup>2,b</sup> , India)	<b>Paper TA 15:</b> <b>Designed Intensity-duration-frequency (IDF) curves under climate change condition in urban area</b> (Ashish Shrestha <sup>1,a*</sup> , Sutat Weesakul <sup>1,b</sup> , Mukand Singh Babel <sup>1,c</sup> and Zoran Vojinovic <sup>2,d</sup> , Thailand)	
10.30	<b>Coffee Break</b>		

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Room	Venue: Salon A	Venue: Salon B	Venue: Krisana
Chair	Plenary session presentation Dr. Shreshta Sangam	Plenary session presentation Dr. Chaiwat Ekkawatpanit	Workshop on “ASEAN Academic Networking in Water & Disaster Management and Climate Change” (ASEAN Workshop)
Briefing	Dr. Suppattana Wichakul	Dr. Siriluk Chumchean and Dr. Sompong Boonprasert	
10.50	<b>Paper TC 23:</b> <b>The Study of Relationship between Deciles and VCI in the Northern Part of Thailand</b> (Aphantree Yuttaphan <sup>1,2,a*</sup> , Sombat Chuenchooklin <sup>2,b</sup> and Somchai Baimoung <sup>3,c</sup> , Thailand)	<b>Paper TA 19:</b> <b>Rainfall-Runoff-Inundation Simulation with Bias-corrected Satellite Based Rainfall: Case Study Yom River Basin</b> (Teerawat Ram-Indra <sup>1,a</sup> , Anurak Sriariyawat <sup>1,b*</sup> and Piyatida Hosisungwan <sup>1,c</sup> , Thailand)	
11.10	<b>Paper TC 24:</b> <b>Effect of Particle Size Distribution to Remove Colour and <i>Escherichia coli</i> in Groundwater</b> (Nur Aziemah Abd Rashid <sup>1,a*</sup> , Ismail Abustan <sup>2,b</sup> , Mohd Nordin Adlan <sup>3,c</sup> , Malaysia)	<b>Paper TA 02:</b> <b>Climate Change Scenario on Surface Water Resource in Bangnampriao District, Chachernsao Province</b> (Dr. Charuvan Kasemsap, Thailand)	
11.30	<b>Paper TC 01:</b> <b>Aerobic Rice Technology (ART) in the Philippines and Southeast Asia: Improving Productivity and Enhancing Technology Adaption towards Rice Sufficiency and Climate Change Resiliency</b> (Orlando F. Balderama <sup>1,a*</sup> , Philippines)	<b>Paper TA 03:</b> <b>Uncertainty of rainfall from CMIP3 and CMIP5 climate models downscaling for Bangkok</b> (Seree Supratid <sup>1,a</sup> and Thannob Aribarg <sup>1,2,b*</sup> , Thailand)	
11.50	<b>Paper TC 02:</b> <b>Autonomous Surface Vehicle for Bathymetric and Environmental Survey: Implementation and Result</b> (Pasan Kulvanit*, Thailand)	<b>Paper TA 11:</b> <b>Uncertainty of stream flow under climate change scenarios using statistical downscaling data</b> (Yun-Ju Chen <sup>1</sup> , Yuan-Fong Su <sup>1</sup> , Jun-Jih Liou <sup>1</sup> and Yung-Ming Chen <sup>1</sup> , Taiwan)	
12.10	<b>Lunch Break</b>		

TIME	THURSDAY- 29 JANUARY 2015			
Room	Venue: Salon A Plenary session presentation	Venue: Salon B Plenary session presentation	Venue: Krisana ASEAN Workshop	Venue: Jamjuree Technical training
Chair	Dr. Sutat Weesakul	Dr. Pariwate Varnakovida	<b>Session 5: Preparation for collaborative academic network setup for water, disaster management and climate change among ASEAN countries</b>  13.00-13.15 pm Summary of presentations from Technical presentation session in the morning  13.15-13.30 pm Introduction (Dr. Ramasamy Jayakumar and Assoc. Prof. Dr. Sucharit Koontanakulvong)  13.00- 14.30 pm - Dr. Ailikun, Institute of Atmospheric Physics, Chinese Academy of Sciences, China - Prof. Dr. Takara Kaoru, UNESCO IHP - Prof. Dr. Takahiro Sayama, ICHARM - Dr. Choi Byung Man, Executive Director of K-water Institute and Co-chair of the Regional Process Commission of the 7th World Water Forum, K-water	<b>Technical training by University of California - Irvine with UNESCO's International Hydrological Programme (IHP) "Satellite-based Rainfall (PERSIANN) for Planning and Management for Natural Disasters in Monsoon Asia" (For who reserved a seat)</b>
Briefing	Dr. Duangruedi Khosit kittiwong	Dr. Sompong Boonprasert		
13.00	<b>Invited paper C03</b> <b>IWRM for Climate Change Adaptation in the Mekong River Basin</b> <b>Prof. Stefan Uhlenbrook</b> Vice Rector UNESCO-IHE ,Netherlands	<b>Invited paper A03</b> <b>Adapting to Climate Change through Effective Risk Assessment and Management in East Asia - An Initiative for International Collaboration</b> <b>Prof. Jiaguo Qi, Zhejinag University</b> China, China		
13.30	<b>Paper TC 08:</b> <b>Strategy to Automatically Calibrate Parameters of a Hydrological Model: A Multi-step Optimization Scheme and its Application to Xinanjinag Model</b> (Minjiao Lu <sup>1,2,a*</sup> and Xiao Li <sup>3,b</sup> , Japan)	<b>Paper TA 13:</b> <b>River Discharge Assessment under a Changing Climate in the Chao Phraya River, Thailand by using MRI-AGCM3.2S</b> (Supattana WICHAKUL <sup>1,a*</sup> , Yasuto TACHIKAWA <sup>1,b</sup> , Michiharu SHIIBA <sup>1,c</sup> and Kazuaki YOROZU <sup>1,d</sup> , Japan)		
13.50	<b>Paper TC 10:</b> <b>Detection of paddy fields in sub-state level by combined use of MODIS and Landsat imagery</b> (Assoc. Prof. Dr. Takanori Nagano , Japan)	<b>Paper TA 17:</b> <b>Climate Change impact on Groundwater Recharge in Plaichumpol Irrigation Project</b> (Mr. Chokchai suthidhummajit, Thailand)		
14.10	<b>Paper TC 13:</b> <b>Deep Groundwater and Possible Signals for Human and Climatic Effects</b> (UMA Seeboonruang* , Thailand)	<b>Paper TA 18:</b> <b>Possibility to achieve 1 % rh uncertainty in meteorological application: Temperature effect of commercial thermo-hygrometers</b> (T. Sinhaneti*, P. Phuatharao, and T. Keawprasert , Thailand)		
14.30	<b>Coffee Break</b>			

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Chair	Dr. Sutat Weesakul	Assoc. Prof. Dr. Tuantan Kitpaisalsakul	<b>Session 5: Preparation for collaborative academic network setup for water, disaster management and climate change among ASEAN countries (Cont.)</b>  14.45-15.45 pm - Dr. Ole Mark DHI, Denmark - Prof. Dr. Fi-John Chang Department of Bioenvironmental Systems Engineering, National Taiwan University, Taiwan - TRF, Thailand - ASEAN Secretariat - 15.45-16.00 pm Confirmation of the statement of setting up an academic network on water, disaster management and climate change among ASEAN countries	Technical training by University of California - Irvine with UNESCO's International Hydrological Programme (IHP) "Satellite-based Rainfall (PERSIANN) for Planning and Management for Natural Disasters in Monsoon Asia" (For who reserved a seat)
Briefing	Dr. Sompong Boonprasert	Dr. Duangruedi Khosit kittiwong		
14.50	<b>Paper TC 14:</b> <b>Improvement of a Kinematic Wave-based Distributed Hydrologic Model to Predict Flow Regimes in Arid Areas</b> (Tomohiro Tanaka, Japan)	<b>Invited paper D03</b> <b>Impact assessment of climate change on water-related disasters for building up an adaptation strategy</b> <b>Prof. Yasuto TACHIKAWA</b> Graduate School of Engineering, Kyoto University, Japan		
15.10	<b>Paper TC 16:</b> <b>Estimation of urban asset value for natural disaster risk assessment at the macro scale</b> (Tiratas Suwathep <sup>1,a*</sup> , Wee Ho Lim <sup>1,b*</sup> , Yoshihiko Iseri <sup>1,c</sup> and Shinjiro Kanae <sup>1,d</sup> , Japan)	<b>Paper TD 09:</b> <b>The basin-wide flooding loss assessments under extreme climate scenario</b> (Hsin-Chi Li <sup>1</sup> , Hsiao-Ping Wei <sup>1</sup> , Tingyeh Wu <sup>1</sup> , Hung-Ju Shih <sup>1</sup> , Wei-Bo Chen <sup>1</sup> , Yuan-Fong Su <sup>1</sup> and Yung-Ming Chen <sup>1</sup> , Taiwan)		
15.30	<b>Paper TC 21:</b> <b>Study on the Sustainable Sand Removal Capacity on Sand Mining Activities.</b> (Syamsul Azlan Saleh <sup>1,a*</sup> , Ismail Abustan <sup>2,b</sup> , and Mohd Remy Rozainy Mohd Arif Zainol <sup>3,c</sup> , Malaysia)	<b>Paper TD 11:</b> <b>Drought Monitoring using the Normalized Difference Infrared Index (NDII) for the Upper Ping River Basin</b> (Assoc.Prof. Dr. Nutchant Sriwongsitanon, Thailand)		
15.50	<b>Paper TC19:</b> <b>Water quality and hydraulic performances of the HMGDS Drainage Module.</b> (Nor Amirah A.S <sup>1</sup> , Abustan, I <sup>2</sup> , Remy Rozainy M. A. Z <sup>3</sup> , Salwa M. Z. M <sup>4</sup> , Mahyun A.W <sup>4</sup> , Malaysia)	<b>Paper TD 12:</b> <b>Mainstreaming Disaster Risk Management in the Governance of Cagayan River Basin: Institutional Design and Stakeholder Participation towards Development of Integrated River Basin Masterplan</b> (Prof. Dr. Orlando Balderama, Philippines)		



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<b>Venue: Le Concorde Ballroom, Level 2</b>		
16.10	<b>Summary Plenary session presentation</b>	<b>Assoc. Prof. Dr. Bancha Kwanyuen</b> Dean of Faculty of Engineering, Kasetsart Universit, Kampaengsaen Campus
16.15	<b>Meeting on collaborative academic network setup for water, disaster management and climate change among ASEAN countries</b>	<b>Prof. Dr. Bundhit Eua-arporn</b> Dean of Faculty of Engineering, Chulalongkorn University
16.30	<b>THA Summary Meeting - Closing Remarks</b>	<b>Dr. Subin Pinkayan</b> President of Thai Hydrologist Association
18.00	<b>Farewell Party Dinner (For registration participant)</b> Venue: Le Lotus 1	

(The programs are subject to change without notice.)

Remark:

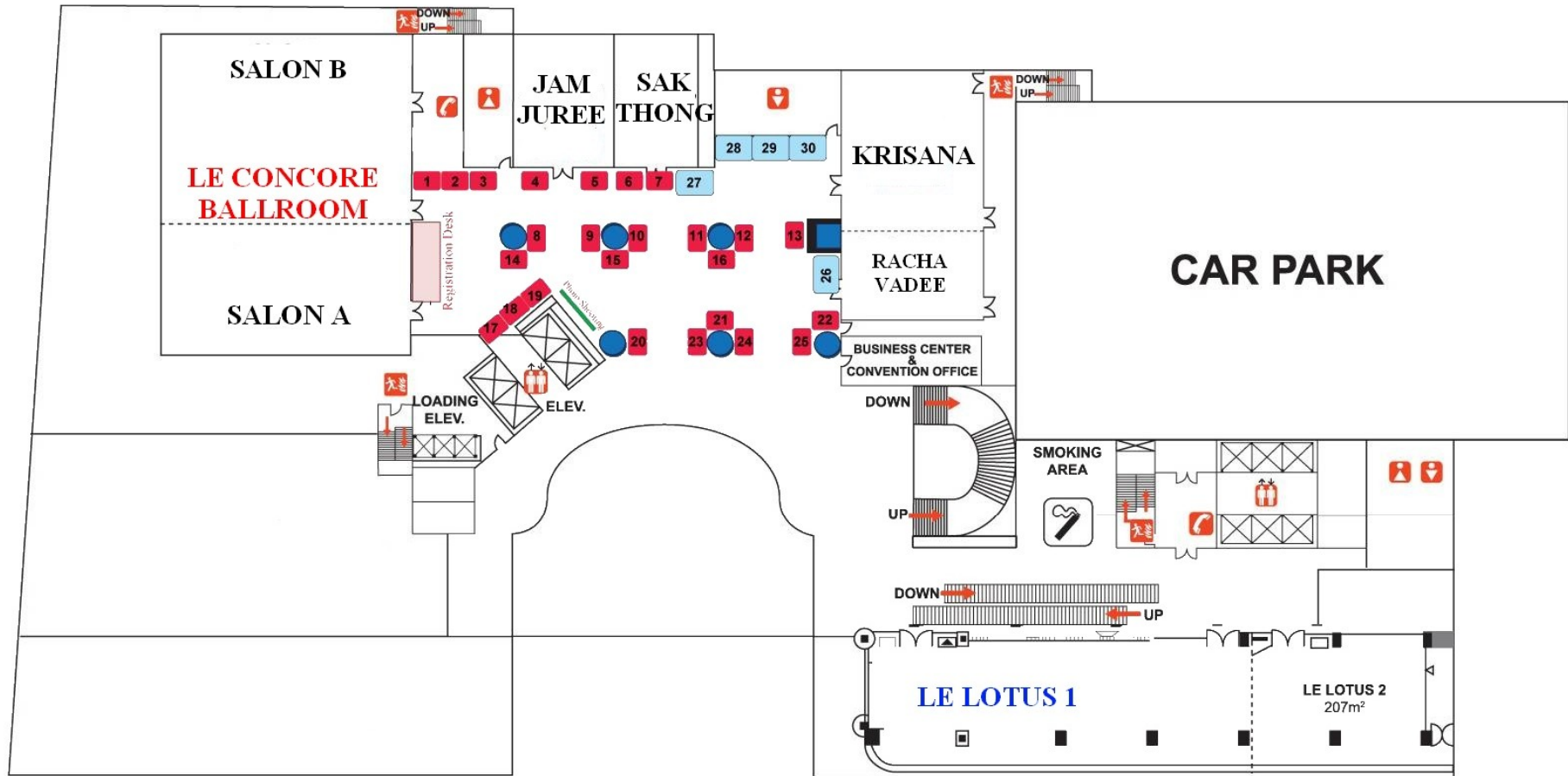
TA: Topic A Climate Change and Uncertainty in Hydrology and Meteorology

TB: Topic B Participatory Management for Water and Irrigation Project

TC: Topic C Emerging Technologies in Water and Environment Management

TD: Topic D Water Related Disaster Management

SCALE 1:500



**Conference Venue Plan**  
**THA2015**  
 28-29 January 2015  
 2nd floor, Swissotel Le Concorde, Bangkok

Key of Symbols	
	Elevator
	Fire Exit
	Telephone
	Men Toilet
	Women Toilet