

附件 1

PROGRAMME (Day 1)

PAWEES 2012 International Conference

DAY 1: 27 November 2012 (Tuesday) Venue: XujatiKambhu Convention Hall

08.30

Registration

Opening Session

Moderator: Dr. Tuantan Kitpaisalsakul

09.00 **Conference Report**

Dr. Boonsom Lerdhirunwong
Dean of Faculty of Engineering, CU

09.05 **Opening Speech**

Dr. Pirom Kamol-ratanakul
President of Chulalongkorn University

09.10 **Opening Speech**

Dr. Siree Chaiseri
Vice President of Kasetsart University

09.15 **Opening Remarks**

Dr. Tai-cheol Kim
President of PAWEES

09.20 **Keynote Speech**

Mr. Lertviroj Kowattana
Director General of RID

09.45 **Global and regional food security with special attention on rice, water and environment**

Mr. Hiroyuki Konuma
Assistant Director General of FAO

10.10

Coffee break

Scope Session

Moderator: KU

10.30 **Session A**

Climate Change and Uncertainty

Dr. Jin Soo Kim
President-elect of KSAE

10.50 **Session B**

Participatory Management for Irrigation Projects

Mr. Va-Son Boonkird
Royal Irrigation Department

11.10 **Session C**

Emerging Technologies in Water Management

Mr. Wei-Fuu Yang
President of TAES, Taiwan

11.30 **Session C**

Emerging Technologies in Water Management

Prof. Fi-John Chang
National Taiwan University

11.50 **Radioactive contamination of paddy soil and its transfer to rice in Fukushima**

Dr. Sho Shiozawa
President of JSIDE

12.10

Lunch break

13.00 **Plenary session presentation**

14.40

Coffee break

15.00 **Plenary session presentation**

18.00

Reception Dinner (For registration participants)

DAY 1 (November 27, 2012) Plenary session presentation Venue: Learning Building 2

Session A Climate Change and Uncertainty Venue: 1 st fl Lecture Room C11			Session B Participatory Management for Irrigation Projects Venue: 1 st fl Lecture Room C12			Session C Emerging Technologies in Water Management Venue: 2 nd fl Lecture Room C14		
	ID			ID			ID	
13.00	-	Invited paper: Farmers' responses to climate change adaptation in irrigation project (Thailand Case Study) Assoc. Prof. Chaiyuth Sukhsri, Chulalongkorn University, Thailand.	033	Paper B1: Irrigation Vulnerable Duration Assessment using Distribution of Agricultural Water Supply and Demand Nam, W.-H.*, T. Kim, J.-Y. Choi, J.J. Lee	012	Paper C1: Assessing Flood Damages of Rice in the Chao Phraya Delta, Using MODIS Satellite Imageries Kotera, A.*, T. Nagano		
13.20	008	Paper A1: Simulation of GHG emission from paddy by DNDC model for climate change impact in Korea Shin, M., J. Jang, Y. Sung, J. Choi	044	Paper B2: Assessment of Farmer Participation in Irrigation Management for Paddy Irrigation Development in Myanmar Naing, M.M.*, Z.M. Htut	015	Paper C2: Optimizing Non-Flooded Irrigation under System of Rice Intensification Crop Management using Genetic Algorithms Arif, C.*, M. Mizoguchi, B.I. Setiawan, R. Doi		
13.40	025	Paper A2: Coping with uncertainties in climate change by stochastic storm rainfall simulation Cheng, K.-S.*, Y.-C. Wu, Y.-F. Su, J.-J. Liou	045	Paper B3: Impact of Participatory Approaches on Irrigation Development and Management for Communal Irrigation System (CIS): Case Studies in three provinces of North Philippines Balderama, Orlando F.	018	Paper C3: Investigating the interactive recharge mechanisms between surface water and groundwater over the Jhuoshuei River Basin in Central Taiwan Chang, Fi-John et al.		
14.00	032	Paper A3: The study to parameter sensitivity analysis of the Denitrification-Decomposition (DNDC) model Vanichsan, D.*, and B. Kwanyuen	071	Paper B4: Investigation of paddy field irrigation activities by farmers aiming for demand-oriented irrigation service Iida, T.*, M. Kimura, K. Yoshida, N. Kubo, T. Yokoi	023	Paper C4: A Bayesian Uncertainty Analysis of the Modelled Surface- and Ground-Water Flows in an Agricultural Watershed Imagawa, C.*, I. Hondoh		
14.20	046	Paper A4: Climate Change Impact Assessment in Sukhothai Province: Intercomparison between Three Global Climate Models Hanittinan, P.*, S. Koontanakulvong			024	Paper C5: A Study on Drainage Efficiency of Shortcut Canal Project in the Lower Thachin River Intaboot, N.*, W. Taesombat		
14.40	Coffee break							
Session A Climate Change and Uncertainty Venue: 1 st fl Lecture Room C11			Session C Emerging Technologies in Water Management Venue: 1 st fl Lecture Room C12			Session C Emerging Technologies in Water Management Venue: 2 nd fl Lecture Room C14		
	ID			ID			ID	
15.00	049	Paper A5: Probability based assessment of Climate Change Impact on Irrigation Systems in Upper Chao Phraya Basin Koontanakulvong, S.*, C. Suthidhummajit	031	Paper C6: Drought response model by farmers after decreasing water supply Tanji, H.*, H. Kiri and T. Nakaya	061	Paper C12: System of Environment-Economic Accounting for Water in case of Thailand Suttinon, P.*, and S. Nasu		
15.20	051	Paper A6: Assessment of Climate Change Impact on Agricultural Water Supply Capacity Using SWAT and MODSIM models Ahn, S.R.*, R. Ha, and S.J. Kim	036	Paper C7: Development of Automated Irrigation System for Food Production Land Saptomo, S.K.*, B.I. Setiawan	062	Paper C13: Application of Input-Output Table for future water resources management under policy and climate change in Thailand: Rayong Province Case study Jampanil, D.*, P. Suttinon, S. Nasu and S. Koontanakulvong		
15.40	052	Paper A7: Assessment of Climate Change Impact on Multi-purpose Dam based on RCP emission scenarios Using SLURP model Ha, R.*, S.R. Ahn, and S.-J. Kim	047	Paper C8: Satellite Data Application for flood simulation Pakoksung, K.*, S. Koontanakulvong, A. Sriaiyawat	063	Paper C14: Water Footprint of Bioethanol Production in Thailand Sukumalchart, T.*, A. Pornprommin, S. Lipiwattanakarn		
16.00	057	Paper A8: Mitigation Method of Irrigation Systems against Climate Change in the Chao Phraya Basin, Thailand Miyazato, T., K. Higuchi*, and H. Watanabe	048	Paper C9: Statistical Forecasting of Rainfall and Runoff by ENSO index in Chao Phraya River Basin In Thailand Chaowiwat, W.*, S. Koontanakulvong	066	Paper C15: Development of a Float Type Optical Water Level Measurement by Image Processing Technique: Field Experiment Sirivittmitrie, C.*, V. Vudhivanich, P. Chuagula		
16.20	075	Paper A9: Analysis Framework for Water Resource Policy Decision-Making under Effects of Climate Change N. Bongochgetsakul, P. Suttinon, K. Uemoto, S. Nasu	055	Paper C10: Estimation of Streamflow by SWAT Model in Sedone River Basin, LAO P D R Kimala, V.* and E. Kositsakuchai	073	Paper C16: Estimation of Optimum Planting Date of Cassava after Rice based on Real-time monitoring data using Field Monitoring System in Rain-fed upper paddy field in Northeast Thailand Srisutham, M., M. Mizoguchi, A. Polthanee, R. Doi		
16.40			059	Paper C11: Yoshino and Nan River Basins Development and Management Comparative Study Putthividhya, A.*, S. Koontanakulvong, and P. Hoisungwan	077	Paper C17: Regional difference in the citizen's consciousness of water resources Uemoto, K.*, P. Suttinon, N. Bongochgetsakul, S. Nasu		

DAY 2 (November 28, 2012) Plenary session presentation Venue: Learning Building 2

Session D Environmental Sustainability in Paddy Irrigation and Drainage Venue: 1 st fl Lecture Room C11			Session D Environmental Sustainability in Paddy Irrigation and Drainage Venue: 1 st fl Lecture Room C12			Session D Environmental Sustainability in Paddy Irrigation and Drainage Venue: 2 nd fl Lecture Room C14		
	ID			ID			ID	
09.00	001	Paper D1: Can Asian Experience be transferred to Africa? -Lessons Learned from Drafting a Rice Production Manual in Africa Fujimoto, N.*, K. Osuga and C. Hirose	013	Paper D6: Genetic diversities and population structures of small freshwater fishes in Mekong River basin Koizumi, N.*, S. Morioka, A. Mori, B. Vongvichith, K. Nishida, K. Watabe and T. Takemura	027	Paper D11: Habitat potential maps of three frog species for paddy field areas of the middle Sakura River basin, Japan Watabe, K.*, A. Mori, N. Koizumi, T. Takemura and K. Nishida		
09.20	002	Paper D2: Water Quality Constituents Export from Paddy Field in Southern Korea Yoon, K.-S.*, D.H. Choi, J.W. Jung, W.J. Choi, K.S. Lee, B.J. Lim	014	Paper D7: Characteristics of Drainage Water Quality and Loading from Paddy Field under Cyclic Irrigation and Its Management Options Kurihara, K.*, Y. Matsuno, and N. Hachio	040	Paper D12: Challenges in the decontamination of radioactive cesium of Fukushima: a rural planning perspective Hashimoto, S.*, H. Arita, T. Yasutaka and Y. Iwasaki		
09.40	006	Paper D3: Evaluation of field Measurements and Estimated Rice Crop Water Requirement Maina M. M.*, M. S. M. Amin, W. Aimrun, A. Samsuzana	017	Paper D8: Estimating Regional Total Phosphate Concentration in a River Basin through the NARX network Chang, Fi-John et al.	058	Paper D13: Soil Macro Nutrient (N, P, K) during Growth Stages under Conventional and SRI (System of Rice Intensification) Practices in Tropical Soil Ardiansyah*, Masrukhi, C. Arif, S.K. Saptomo, B.I. Setiawan		
10.00	007	Paper D4: Effect of Rice Straw Mat Mulch and Soil Amendments on Runoff under Laboratory Rainfall Conditions Won, C., M. Shin, Y. Choi, J. Shin, W. Park, J. Choi*	021	Paper D9: Development of the World Atlas of Irrigated Agriculture for Sustainability Science Nagano, T.*, A. Kotera	069	Paper D14: A study of the reason why the reported yields of the System of Rice Intensification (SRI) are so widespread Wakimoto, Y.*, E. Yamaji and S. Sato		
10.20	009	Paper D5: Runoff and NPS Pollution Discharge Characteristics from Sloping Upland Fields in Korea Shin, J.Y., M. Shin, H. Yang, J. Choi	022	Paper D10: Influential factors in determining the timing of transplanting lowland rice: case study in Lao PDR Ikeura, H.*, S. Inkhamseng, S. Vongphachanh, P. Xaypanya	072	Paper D15: Monitoring of Shallow Groundwater Infiltration of Pollutant Loads in Greenhouse and Conventional Farming Practices Hong, E.M.*, J.-Y. Choi, M. S. Kang, S.-H. Yoo, J.-R. Jang		
10.40	Coffee break							

PROGRAMME (Day 2)

PAWEES 2012 International Conference and PAWEES Award ceremony & Annual meeting

DAY 2: 28 November 2012 (Wednesday) Venue: XujatiKambhu Convention Hall

08.30	Registration	
09.00	Plenary session presentation	
10.40	Coffee break	
Award ceremony Session		Moderator: Dr. Nobumasa Hatcho
11.00	International Award Paper and Reviewer Award	
12.00	Lunch break	
Agenda I Session		Moderator: Dr. Masaru Mizoguchi
	PWE publication	
13.15	Commentator: Korea	Prof. Seong Joon Kim
13.20	Commentator: Taiwan	Prof. Ming-Che Hu
13.25	Commentator: Japan	Dr. Yoshiyuki Shinogi
13.35	Commentator: Thailand	Dr. Varawoot Vudhivanich
Agenda II Session		Moderator: Dr. Yutaka Matsuno
14.40	Management of PAWEES	
	Commentator: Korea	Prof. Jin-Yong Choi
	Commentator: Taiwan	Prof. Hwa-Lung Yu
	Commentator: Japan	Dr. Masaru Mizoguchi
	Commentator: Thailand	Dr. Sucharit Koontanakulvong
14.45	Coffee break	
Agenda III Session		Moderator Dr. Fi-john Chang
15.15	International cooperation opportunities among member countries	
	Commentator: Korea	Prof. Joongdae Choi Dr. Chih-Hung Tan Dr. Nobumasa Hatcho Mr. Va-son Boonkird
	Commentator: Taiwan	
	Commentator: Japan	
	Commentator: Thailand	
Agenda IV Session		Moderator: Dr. Somkiat -THAICID
16.00	PAWEES-ICID Collaboration Presentation	
		Dr. Tai-cheol Kim
16.20	Thai Statement	
		Moderator Dr. Yutaka Matsuno
16.35	Closing Remarks	
		Dr. Sucharit Koontanakulvong
17.30	Dinner with cultural events: Loy Krathong (For foreign and invited guests)	

CULTURAL EVENTS

DAY 2: 28 November 2012 Evening

: Loi Krathong and Chao Phraya Cruises

OVERVIEW: Loi Krathong takes place on the evening of the full moon of the 12th month in the traditional Thai lunar calendar. In the western calendar this usually falls in November.

Loi literally means 'to float,' while krathong refers to the lotus-shaped receptacle which can float on the water. Originally, the krathong was made of banana leaves or the layers of the trunk of a banana tree or a spider lily plant. A krathong contains food, betel nuts, flowers, joss sticks, candle and coins.

The composition, a krathong will be decorated with elaborately-folded banana leaves, flowers, candles and incense sticks. A low value coin is sometimes included as an offering to the river spirits. During the night of the full moon, Thais will float their krathong on a river, canal or a pond lake. The festival is believed to originate in an ancient practice of paying respect to the spirit of the waters. Today it is simply a time to have fun.

The origins of Loi Krathong are stated to be in Sukhothai. The act of floating away the candle raft is symbolic of letting go of all one's grudges, anger and defilements, so that one can start life afresh on a better foot. People will also cut their fingernails and hair and add them to the raft as a symbol of letting go of the bad parts of oneself. Many Thai believe that floating a raft will bring good luck, and they do it to honor and thank the Goddess of Water, Phra Mae Khongkha.
(From Wikipedia, the free encyclopedia)



TECHNICAL TOURS (Optional)

DAY 3: 29 November 2012

Visit flood protection schemes at the Ban Pa-in industrial estate, Rengrang Operation and Maintenance Project, cultural visit at Bang Pa-in Royal Palace.

TOURS BOOKING

For participants are interested to join technical tour can book at the tour desk at the conference center.

Desk is open: **Tuesday, November 27th, 08.30- 11.00**

TIME	ITINERARY
09.00-08.30	Depart from Royal Irrigation Department (Pakkred)
10.00-09.00	Arrive to Bang Pa- In industrial estate Observe Activities
11.00 -10.00	Depart to Rengrang Operation and Maintenance Project Saraburi Province
12.00-11.00	Arrive to Rengrang Operation and Maintenance Project Observe Activities
13.00 -12.00	Lunch At Rengrang Operation and Maintenance Project
14.30 -13.00	Depart to Bang Pa- In Royal Palace Ayutthaya Province
15.00 -14.30	Arrive to Bang Pa- In Royal Palace Visit to The Royal Palace
16.30 -15.00	Return to hotel

