

PRELIMINARY PROGRAM



The Second International Symposium on Southeast Asian Water Environment

December 1-3, 2004

Sofitel Plaza Hotel

Hanoi, Vietnam

[PROGRAM]**Tuesday, November 30****Arrival of Participants****Wednesday, December 1****Excursion to Ha Long Bay (Start on 6:30 am at Sofitel Plaza Hotel and Sunway Hotel)****Thursday, December 2****Registration : 8:30-9:30****Opening ceremony and keynote speech : 9:30-11:00****(Keynote speech by President Norihito Tambo)****Poster view and coffee break : 11:00-12:00****Lunch Break : 12:00-13:00**

Track 1 : Groundwater (Room A)	Track 2: Water and Wastewater Management (Room B)	Track 3: Water Environment Monitoring (Room C)	Track 4: Water Environment Management (Room D)
Session A1-1 Nitrogen : 13:00-15:00	Session B1-1 Natural System : 13:00-15:00	Session C1-1 Social : 13:00-15:00	Session D1-1 Sanitation System : 13:00-15:00

Coffee Break : 15:00-15:30

Session A1-2 Land Use : 15:30-18:00	Session B1-2 Wastewater Management : 15:30-18:00	Session C1-2 Modeling : 15:30-18:00	Session D1-2 Watershed & Session D1-3 Fishery : 15:30-18:00
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Banquet : 18:15-20:15**Friday, December 3**

Track 1 : (Room A)	Track 2: (Room B)	Track 3: (Room C)	Track 4: (Room D)
Session A2-1 Arsenic 8:00-10:00	Session B2-1 Biological Process 8:00-10:00	Session C2-1 Lake and River 8:00-10:00	Session D2-1 River Management 8:00-10:00

Coffee Break : 10:00-10:30

Session A2-1 (Continued) Arsenic 10:30-12:30	Session B2-2 Chemical Process 10:30-12:30	Session C2-2 Water Use /Wastewater Mng. 10:30-12:30	Session D2-2 Agriculture Water Mng. 10:30-12:30
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Lunch Break : 12:30-13:30**Poster view and refreshment : 13:30-14:30****Plenary session & closing : 14:30-16:00**

[LIST OF PAPER FOR ORAL PRESENTATION (New identification numbers are provided)]

Paper ID	Presenter	Paper title
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Track 1 : Groundwater (Room A)

Session A1-1 : Nitrogen

101	C. M. Pascual	Risk Mapping of Groundwater Nitrate Nitrogen (NO ₃ -N) under Intensive Cropping Systems
102	Nawa Raj Khatiwada	Assessment of groundwater quality based on ammonia content in deep wells of Katmandu Valley
103	Kiyo Hasegawa	Nitrate Removal Efficiency and Bacterial Community Structure of Sulfur-Dependent Denitrification Process Treating Effluent from Agricultural Field

Session A1-2 : Land Use

104	Setiawan - Wangsaatmaja	Land use change impacts on water quality and quantity case study: Upper Citarum Watershed
105	Kriengsak Srisuk	Analysis of Protected and critical groundwater zones, Khon Kaen Province, Northeast Thailand
106	Somkid Buapeng	Groundwater Protection Zoning by Groundwater Vulnerability Mapping in the Lower Central Plain, Thailand
107	Nguyen Cao Don	Land subsidence due to groundwater withdrawal and optimal safe yield of groundwater pumping: a case study in Shiroishi of Kyushu, Japan
108	Tinnakorn Tatong	Recommendations on Land and Water Usages for Salinization Alleviation in Nakhon Ratchasima Province, Northeastern Part of Thailand

Session A2-1 : Arsenic

109	M. Ashraf Ali	Accumulation of Arsenic in Agricultural Soil from Irrigation Water in Different Regions of Bangladesh
110	Md. Bayzidur Rahman	Groundwater arsenic pollution: Impacts and sustainable solutions for Bangladesh
111	Tran Thi Viet Nga	Natural occurrence of arsenic in the organic-rich aquifer in Hanoi City: sources and mobilization processes
112	S. M. Atiqul Islam	Severity of arsenic concentration in soil and arsenic-rich sludge of Bangladesh and potential of their biological removal: a novel approach for tropical region
113	Muhammad Abu Yusuf	Community Engagement in Water Supply Management is the Sustainable Way to Ensure Arsenic Free Safe Drinking Water in Bangladesh
114	Ngo Ngoc Can	Groundwater contamination by Arsenic in Hanam Province and experiment of Treatment technologies in household scale

Track 2 : Water and wastewater Management (Room B)

Track B1-1 : Natural system

201	Flora Wei-Ni Tan	Constructed Wetlands for Reactive Dye and Nitrogen Removal
202	Tae-Seok Ahn	Artificial food web system for nutrient removal from sewage
203	Nguyen Tran Thien Khanh	Microbial community structures of a constructed wetland: A biogeochemical approach based on the Fluorescence In Situ Hybridization technique
204	Bounnam Pathoumthong	Macroinvertebrate Pilot Study for Ecological Health Monitoring in the Lower Mekong Basin

Track B1-2 : Wastewater management

205	Udomphon Puetpaiboon	Wastewater audit of cooperative smoked rubber sheet factories in Southern Thailand
206	Somtip Danteravanich	A survey of wastewater management in the concentrated latex industry in Southern Thailand
207	Charongpun Musikavong	Dissolved Organic Matter in Treated Industrial Estate Wastewater Characterized by Resin Fractionation and Excitation-Emission Fluorescence Spectra
208	Tong ZHANG	Identification of Bacterial Isolates in Hong Kong Water Distribution System Using 16S rDNA Based Methods

Track B2-1 : Biological process

209	Tjandra Setiadi	Production of Polyhydroxyalkanoates from Synthetic Tapioca Wastewater Using Sequencing Batch Reactors
210	Jaruwan Tantasut	Effect of heavy metals on oxygen utilization rate of nitrifying mixed culture and its application to the biosensing of toxicity
211	Aitaya Panuvatvanich	Decentralized Wastewater Treatment Systems for Small-Scale Communities
212	Chart Chiemchairi	Application of Cleaner Technology and Photosynthetic Wastewater Treatment System in Noodle Processing Factory

Track B2-2 : Chemical process

213	J.C. Liu	Pretreatment of landfill leachate by coagulation-flocculation and dissolved air flotation
214	Tien Vinh Nguyen	Arsenic removal by iron coated sponge in drinking water treatment
215	Nazmul Haque	Fe-modified LECA for the removal of arsenic from groundwater: A case study
216	Seok Dockko	Removal efficiency from fundamental characteristics of micro-bubble and particle in electro-flotation by modeling

Track 3 : Water environment monitoring (Room C)

Session C1-1 : Social

301	Jy S. Wu	Advances in Urban Hydrologic Forecasts: Use of Weather Rader Information
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Paper ID	Presenter	Paper title
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302	Wanpen Wirojanagud	Spatial Planning for surface water ported area: A case Study of the Pong River, Northeast Thailand
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303	Do Hoang Oanh	Clean Water Supply for Rural Area in Ho Chi Minh City, Vietnam
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Session C1-2 : Modeling

304	Etige Silva	Alternation of trophic status in a non-harvesting urban water body, Kandy Lake in Sri Lanka
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305	Hock Lye KOH	Pulau Tekong and Changi Reclamation: Modeling and Management Perspectives
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306	Phanit Ratasuk	Metallothionein, a biomarker for copper toxicity in mussel
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307	Yuji HARA	Landfill development causes transition of flood prone area: A case study in Laguna Plain, Metro-Manila, the Philippines
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308	Pham Van Ninh	Mathematical Modeling and GIS in Coastal Zone Management
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Session C2-1 : Lake and river

309	Kazuo TAKI	Characteristics on water environment for typical lakes due to the origin factors in Japan
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310	Awalina	The differences of Nitrogenous, Phosphorus compounds and Total Organic Matter characters in Tropical hypereutrophic and mesotrophic small ponds
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311	My Hoa Nguyen	Pollution of some toxic metals in canal water leached out from Acid Sulphate Soils in the Mekong Delta, Vietnam
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312	Charumas Meksumpun	Strategies for sustainable management of fishery resources in the Pasak Jolasid Reservoir, Thailand
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Session C2-2 : Sustainable water use and wastewater reclamation

313	Hiroaki Furumai	Rainwater and reclaimed wastewater for sustainable water use in mega city Tokyo
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314	Tran Duc Ha	The importance of urban drainage rivers and lakes in Vietnam
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315	Mooyoung Han	Perspective and strategy of Rainwater Harvesting: Experiences in Korea
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316	H. Shinohara	Water-soluble organic micro-pollutants in municipal wastewater and their removal during advanced treatment
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317	Norihide Nakada	Multiple Evaluation of Soil Aquifer Treatment for Water Reclamation using Instrumental Analysis and Bioassay
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Track 4 : Water environment management (Room D)

Track D1-1 : Sanitation system

401	Montangero Agnes	Selection of Appropriate Decentralized Sanitation Alternatives in Vietnam
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402	Hoa Thai Nguyen	The application of fecal sterols and their ratios as fecal contamination indicators in water environment around Bangkok
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403	Nguyen Thi Thuong	Water Pollution in Inner-city Canals in Ho Chi Minh City, Vietnam
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Track D1-2 : Watershed management

404	Kensuke Fukushi	Population's views on the water environment: the case of the Nam Pong Watershed
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405	Hung Nguyen Xuan	Building capacity for integrated water resources management in the Dong Nai River Basin of Vietnam
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406	Guillermo Q. TABIOS III	Hydraulic studies to evaluate the alternative lakeshore dike configurations on northern part of Laguna Lake, Philippines based on their flood control functions and environmental considerations
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Track D1-3 : Fishery

407	Maria Rebecca Campos	Fish for the Future: An Assessment of Fishery Conservation Policies in the Philippines
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408	Arvin Vista	Least-cost policy options for nutrient pollution reduction in Taal Lake, Philippines
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409	Mina Hori	Household Study of Small-scale Fisheries in Kompung Thom Province, Cambodia
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Track D2-1 : River management

410	Soydoa Vinitnantharat	Roadmap of research needs for sustainable urban water management in Bangkok: Vision goal, Strategies and Indices
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411	Sithiannopkao Suthipong	Analysis of reforestation as a watershed management policy for soil erosion control: a case study in the upstream Phong River, Thailand
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412	Yoshiaki TSUZUKI	Performances of Domestic Wastewater Treatments in Japan and Environmental Accounting Housekeeping (EAH) Books for Domestic Wastewater Pollutants Reduction: from the Perspective of Countermeasures against Coastal Zone Water Pollution
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413	Gemunu Herath	Assessment of urban and industrial pollution on water quality: Kelani River Sri Lanka
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Track D2-2 : Agricultural water management

414	He Xu	Pollution control technologies and comprehensive measures for agriculture diffuse source pollution in China
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415	Nguyen Van Dung	Water management under changes in agricultural land use: A case study in Dong Anh, Hanoi, Vietnam
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416	Pham Thi Dung	Participatory Irrigation Management Practices in Vietnam: A Pathway in Progress towards Effective and Sustainable Use of Agricultural Water
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417	Singh Pradeep Kumar	Planning and designing of low cost indigenous water harvesting structures for sustainable water resources development
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Symposium Chairpersons:

Shinichiro Ohgaki,
Nguyễn Công Thanh, and Keisuke Hanaki

Organized by:

The University of Tokyo (UT) &
Asian Institute of Technology Center in
Vietnam (AITCV)

Co-Organized by:

Asian Institute of Technology (AIT),
Alliance for Global Sustainability (AGS),
Southeast Asian Center for Water Environment
Technology (SACWET),
Greater Mekong Subregion Academic
and Research Network (GMSARN),
Japan Society on Water Environment (JSWE),
Center for Sustainable Urban Regeneration
(cSUR), and Vietnam National University Hanoi

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