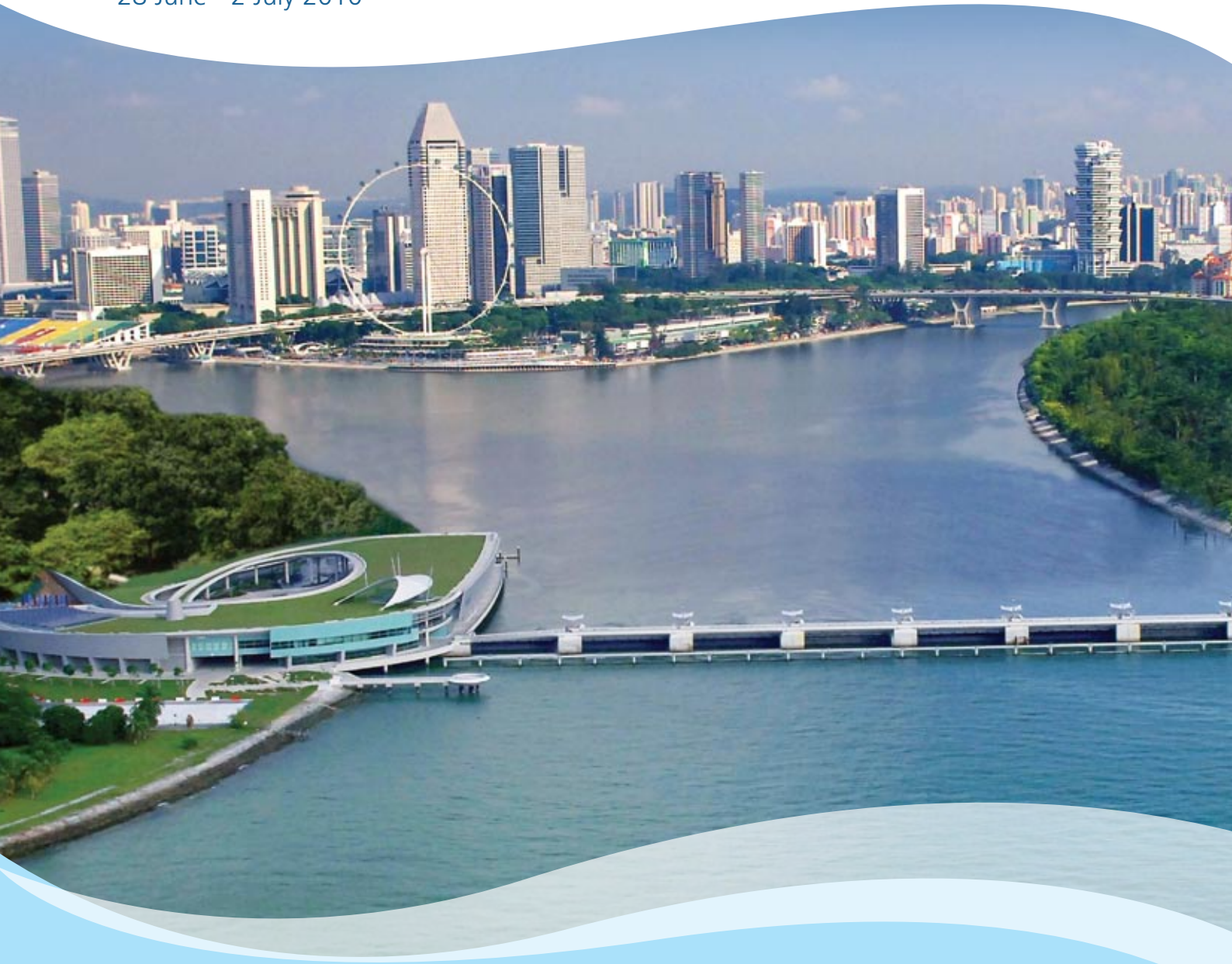


Singapore International Water Week 2010

Water Convention Advance Programme

Suntec Singapore International Convention & Exhibition Centre

28 June - 2 July 2010



Sustainable Cities:
Clean and Affordable Water



Singapore International Water Week

The Singapore International Water Week is the global platform for water solutions. It brings policymakers, industry leaders, experts and practitioners together to address challenges, showcase technologies, discover opportunities and celebrate achievements in the water world.

Comprising the Water Leaders Summit, Water Convention, Water Expo and Business Forums, it culminates in the presentation of the Lee Kuan Yew Water Prize, a prestigious international award to recognise outstanding contributions in solving global water issues. The third Singapore International Water Week will be held from 28 June to 2 July 2010. The theme is Sustainable Cities: Clean and Affordable Water.



Programme at a Glance

2010	MORNING	LATE MORNING	AFTERNOON	LATE AFTERNOON	EVENING
Mon 28 June	Technical Tours				Opening Ceremony & Welcome Reception (Guest-of-Honour: Mr Teo Chee Hean Deputy Prime Minister & Minister for Defence, Singapore)
	Golf Classic		Asia Pacific Water Ministers Forum (APWMF)		
Tue 29 June	Opening Plenary	World City Prize Lecture	Singapore Water Lecture	Water Leaders Summit	Lee Kuan Yew Prize Award Ceremony & Banquet (Guest-of-Honour: Mr Lee Kuan Yew, Minister Mentor, Singapore)
		Water Convention		Water Convention	
Water Expo					
Wed 30 June	Water Leaders Summit		Japan Business Forum		
			Middle East & North Africa Business Forum		
			Southeast Asia Business Forum		
	Water Convention	Water Convention			
Water Expo					
Thur 1 July	Water Convention		Water Convention		Closing Dinner (Guest-of-Honour: Dr Yaacob Ibrahim, Minister for the Environment & Water Resources, Singapore)
	Australia Business Forum		America Business Forum		
	China Business Forum		India Business Forum		
	Europe Business Forum				
Water Expo					
Fri 2 July	Technical Tours				



Water Convention

A flagship event of Singapore International Water Week 2010, the Water Convention continues to provide a platform for industry experts, practitioners, researchers and academics to share the latest advances in water technologies. In line with the theme of Sustainable Cities: Clean and Affordable Water, the Water Convention 2010 focuses on issues related to water quality and safety, financing and pricing, and urban water sustainability, especially in the Asia Pacific region and the Middle East. The themes for Water Convention 2010 are:

- Solutions for Water System Efficiency & Effectiveness
- Planning for Sustainable Water Solutions
- Water Quality & Health
- Governance & Finance

Programme Committee

1. Harry Seah, Director, Technology and Water Quality Office, PUB, Singapore
2. Darryl Day, General Manager, Remote Operations, Power & Water Corporation, Australia
3. Anand Chiplunkar, Senior Urban Water & Sanitation Specialist, Asian Development Bank, Philippines
4. Chong Hou Chun, Director, Water Supply (Network), PUB, Singapore
5. Francisco Arellano, Head, Environmental Management and Development, Maynilad Water Services, Inc., Philippines
6. Jonathan Clement, Global Practice & Technology Leader, Black & Veatch, The Netherlands
7. Kala Vairavamoorthy, Chair, Water Engineering, University of Birmingham, UK
8. Keith Cadee, General Manager, Water Technologies, Water Corporation of Western Australia, Australia
9. Marion Savill, Executive Director, Science Innovations, New Zealand
10. Masaru Kurihara, Senior director, Toray Industries Inc., Japan
11. Michael Rouse, Distinguished Research Associate, School of Geography and the Environment, University of Oxford, UK
12. Ng Wun Jern, Executive Director, Nanyang Environment and Water Research Institute, Singapore
13. Ong Choon Nam, Director, National University of Singapore Environmental Research Institute, Singapore
14. Terrence Thompson, Regional Advisor on Environmental Health, WHO, Philippines
15. Viet-Anh Nguyen, Professor, Hanoi University of Civil Engineering, Vietnam
16. Wang Xiaochang, Professor, Xi'an University of Architecture and Technology, China

Message from the Executive Director of Environment & Water Industry Development Council (EWI)



KHOO TENG CHYE

Executive Director

Environment and Water
Industry Development Council
& PUB Chief Executive

Please accept my warmest invitation to attend the third Singapore International Water Week.

This annual event is the global platform for water solutions bringing together policymakers, industry leaders, experts and practitioners to address challenges, showcase technologies, discover opportunities and celebrate achievements in the water world. The event's flagship programmes consist of the Water Leaders Summit, Water Expo, Business Forums, as well as the award of the Lee Kuan Yew Water Prize, a prestigious international award that recognises outstanding contributions in solving water woes.

In June 2009, more than 10,000 delegates and trade visitors from over 82 countries/regions attended the Water Week. Deals totaling S\$2.2 billion were concluded when the Water Week came to a successful close, which also saw more than 70 co-located events held in tandem with the flagship programmes.

For 2010, the Singapore International Water Week will be held from 28 June to 2 July, in conjunction with the World Cities Summit 2010. Themed "Sustainable Cities: Clean and Affordable Water", Singapore International Water Week 2010 will focus on the need for efficiency in our water solutions to address global water problems amidst a constantly changing environment. We also see a pressing need for efficient and cost-effective solutions to provide safe drinking water at an economical price to the masses during the global economic downturn.

In line with the 2010 theme, the Water Convention will be designed to examine specifically the trends and challenges facing Asia and the Middle East, and to feature global solutions that address these challenges. As a key platform to stimulate in-depth discussions and provide a reservoir of networking opportunities for industry leaders and practitioners, I believe the Water Convention together with the other flagship events at the Singapore International Water Week 2010 will continue to be a fruitful experience for all.

I look forward to seeing you in Singapore in June 2010.

Message from the President of the International Water Association (IWA)



DAVID GARMAN

President

International Water Association

2010 marks the third year of the International Water Association's (IWA) collaboration with the Singapore International Water Week (SIWW) as its strategic partner and co-organiser of the Water Convention.

IWA is pleased with its continued association with the Singapore International Water Week, as the Water Convention continues to improve and establish itself as the platform for showcasing and generating discussions on best practices and proven applications to solve water problems in highly urbanized environments in Asia.

While the world continues to feel the increasing effects of climate change and urbanization, the need to create and implement innovative and sustainable solutions to our water challenges becomes more pressing. The 2010 Water Convention will bring together water experts and practitioners to share and discuss successful urban applications of technologies and other ground-breaking solutions in four key areas – water systems and infrastructure; sustainable planning; water quality and health; governance and finance.

IWA is proud to be part of this endeavor and invites you, as global water leaders, to come and contribute to the discussions at the 2010 Singapore International Water Week.

Message from the Co-Chairs of the Water Convention 2010 Programme Committee



HARRY SEAH

Director

Technology & Water
Quality Office PUB,
Singapore



DARRYL DAY

General Manager

Remote Operations
Power & Water Corporation,
Australia

It gives us great pleasure to welcome you to Singapore International Water Week 2010. Following two hugely successful events in 2008 and 2009 attended by more 10,000 international delegates and trade visitors from 82 countries/ regions, we look forward to presenting a bigger and better event this year.

The Water Convention, under the theme, Sustainable Cities: Clean and Affordable Water aims to bring together researchers, industry leaders, and practitioners to share and learn from one another across a wide range of areas, such as water technology solutions, planning and management of water resources, utility practices and water quality, and protection of public health. In particular, we have included a theme this year focusing on the financing and governance aspects of the water industry. The themes and topics in the Water Convention will be designed to examine specifically the trends and challenges facing East Asia, Asia Pacific, and the Middle East regions.

We look forward to your submission of abstracts for the Water Convention. Let the Convention be a platform for you to share your experiences and for others to learn, so that collectively as the global water community, we can help to improve the level of proficiency and efficiency in the delivery of water services.

Water Convention 2010 Programme

Day/Date/ Composition		Solutions for Water System Efficiency & Effectiveness		Planning for Sustainable Water Solutions	Water Quality & Health	Governance & Finance
		From Source to Tap	From Waste to Resource			
Tue 29 June	AM	Welcome Address by Minister & Plenary Forum				
		Water Convention Keynote Presentations				
	PM	Singapore Water Lecture				
		Poster Session				
Wed 30 June	AM	Optimisation & Improvement of Water Treatment Systems I	Wastewater Collection Systems	Water & Global Change	Formulating Water Quality Guidelines & Regulations	Is the Availability of Finance a Real Issue?
		Optimisation & Improvement of Water Treatment Systems II	Upgrading of Wastewater Treatment Plants	Cities of the Future	Source Water Protection & Management	National Level Institutional Reforms
	PM	Membrane Systems	Energy Efficiency in Wastewater Treatment	Water and Energy Footprints	Water Safety & Management Plans	Inspired Leadership
		Disinfection & Advanced Oxidation Systems	Innovative Solutions for Wastewater Treatment Processes	Spatial Planning & Urban Design	Trends in Water Quality Monitoring	Improving Creditworthiness
Thur 1 July	AM	Network Management I - Water Network Asset	Membrane Bioreactors	Planning & Design of Sustainable & Efficient Urban Water Systems	Water Quality & Potential Health Risks	Creating Bankable Projects
		Network Management II - Demand Management	Sludge Treatment & Disposal	Integrated Treatment Technology for Efficient Urban Management	Toxic Metals - Health Effects & Mitigation Measures	Customer Participation
	PM	Low Energy Desalination Systems	Decentralised Wastewater Treatment System	Flexibility of Urban Water Infrastructure Systems	Microbial Contaminants - Mitigation Measures	Implementing Viable PPPs
		Alternative Water Sources	Solutions for Water Reuse	Panel Discussion	Contaminants of Emerging Concern	Regulation of the Water Sector
		Water Convention Closing & Awards Presentation Ceremony				

List of Oral Presentations

Keynote Speakers

1. Mr Jose Rene Almendras, President, Manila Water Company
2. Mr Paul Brown, President, Public Services Group, Camp Dresser & McKee, Inc.
3. Dr Maria Neira, Director, Public Health & Environment, World Health Organization
4. Mr Arjun Thapan, Director General, Southeast Asia Department, Asian Development Bank

THEME 1:

Solutions for Water System Efficiency & Effectiveness

A Green Solution - A Hybrid Process Combining Bio-Sorption And Anaerobic Digestion To Reduce Sludge Production And Save Energy In WWTPs

R. Wikramanayake, E. Yu, L. Xiao, R. Knauf, S. Pradhan, J. Hu, E. Jordan, M. Doyle, W. Liu (United States)

Advanced Oxidation Processes (AOPs) – Comparison Of Different Treatment Scenarios Based On Processes Combining Ozone, UV And Hydrogen Peroxide

A. Ried, A. Wieland, J. Mielcke, D. Rohring, R. Wong (Hong Kong)

Anaerobic Co-Digestion Of Lipid-Rich Wastes And Excess Sludge On Wastewater Treatment Plant

P. Camacho, R. Gerard, C. Garel, S. Martin, L. Monnot, P. Dauthuille (France)

Delhi Interceptor Sewer Project To Bring River Yamuna Back To Its Life

V. Singh, R. Negi, S. Vaidya, D. Moudgil (Singapore)

Design And Operational Aspects Of UASB Sewage Treatment Plants

B. Heffernan And J. Van Der Lubbe (The Netherlands)

Developing Urban Water Demand Management Strategy: A Case Study Of Madhya Pradesh, India

K. Singh (India)

Development Of A Successful Untethered Leak Detection Technology For Large Diameter Water Pipelines

M. Holley (United States)

Development Of Ceramic Membrane Bioreactor (MBR) Using Flat-Sheet Type Ceramic Filter

H. Noguchi (Japan)

Electrochemical Separations For Water Reuse

R. Xiong, H. Yang, C. Wei, J. Barber, W. Cai (China)

Energy Efficiency Opportunities in the Wastewater Process Stream, an International Research Project with a Regional Dimension

M. Brandt (United Kingdom)

Energy Reduction And Optimisation In Membrane Bioreactor Systems

G. Tao, K. Kekre, M.H. Oo, D. Lew, H. Seah (Singapore)

Enhancing Efficiency Of Full-Scale Ultrafiltration Membrane Treatment For Increased Capacity And Lower Operating Costs

M.C. White and M.J. Kosterman (United States)

Greater Energy Efficiency Through Anaerobic Wastewater Treatment

PL. Mccarty (United States)

Implementation Of Real-Time Optimisation Of Pumping Control With Genetic Algorithms

C K Lee (Hong Kong)

Integrated Approach For Optimizing Water Utility Efficiency

K.-P. Chiu, S.M. Choor, E. Howland (Singapore)

Introduction To The Taiwan Water Supply

T.-S. Liao (Taiwan)

Leading The City Of Baltimore, MD (USA) Into The 21st Century: Flexible Treatment Solutions And Integrated Raw Water Management

M. Macphee and J. Manuszak (United States)

Local Rain Water Recovery, A Cost Effective, Reliable And Green Water Usage Solution For Large Industrial Site Study And Test Case In A Singapore Industrial Environment.

P. Wind (Indonesia)

Long-Term SWRO Testing Of Nanocomposite Membranes

C. Kurth, R. Burk, J. Green, J. Leparc, P. Choules (United States)

Management of Water Assets for Maximum Operational Efficiency

R. Renner (United States)

Method Of Leak Detection Using Helium Gas As Tracer

I. Kridiasto, T. Erk, I.G. Taib (Indonesia)

Molecular Characterization Of Microbes Associated With Biofouling In SWCC SWRO Plants

M.O. Saeed, I.A. Tisan, G.F. Al-Otaibi, S. Teng, G. Tan, P. Gao (Saudi Arabia)

Nanofiltration For Seawater Softening – An Emerging And Economically Viable Process

P. Eriksson, U. Bharwada, Q. Niu, R. Reddy, P.R. Dontula, Y. Tayalia (India)

Network Asset Management In PUB For Reliable And Efficient Water Supply

W.K. Sin, R. Meiyappan, T. Soh, H.C. Chong (Singapore)

Operating Experience Of Highly Efficient Drinking Water Membrane Plant

M. Blazevski, J. Imrie, R. Brito, E. Wong (Canada)

Operating Experience With Ultrafiltration For TOC Reduction Of Surface Water

F. Knops and W. Dautzenberg (The Netherlands)

Overview of New Innovations in Wastewater

G. Lettinga (The Netherlands)

Performance Of Membrane Bioreactor (MBR) Combined With Reverse Osmosis (RO) Process For Water Reclamation In Singapore

T. Itonaga (Japan)

Perspectives In Energy Use And Greenhouse Gases At Wastewater Treatment Plants

C. Wallis-Lage (United States)

FOOTNOTE:

Confirmed presentations are accurate as at 4 Feb 2010. For updated list of presentations, please visit www.siwv.com.sg/water-convention

List of Oral Presentations

Prediction Of Advanced Oxidation Performance In Full Scale UV/H2O2 Reactor Systems

C.H.M. Hofman-Caris, D.J.H. Harmsen, B.A. Wols, L. Janssen, E.F. Beerendonk (The Netherlands)

Recuperative Thickening At Bondi Sewage Treatment Plant

P. von Huben and A. Ryan (Australia)

Selection And Development Of An Innovative Process Train For An Advanced Tertiary Treatment Plant

J. Currie, J. Bates, J. Mieog (Singapore)

Singapore's Experience In Achieving Affordable Water And Efficient Supply Through Water Conservation

T.W. Kok, M. Tan, H.Y. Ang, C.L. Lim, W.C. Wong, R. Singh, T.K. Tay, H.C. Chong (Singapore)

Sludge Management & Its Development in China

G. Xu (China)

Steri-Flow Microfiltration As Treatment To Stormwater Canal In Sydney

M. Johir, S. Vigneswaran, J. Kandasamy, R. Sleight (Australia)

Submerged MBRs - From Infancy to Full-Scale Applications

K. Yamamoto (Japan)

Successful Operation Of 56,000 m³/day Seawater UF Pretreatment System

S.A. Basha and A.H. Gulamhusein (Saudi Arabia)

Tai Po Water Treatment Works - Expansion Of A Major Operating Treatment Works In Hong Kong

L. Poon, C. Hartinger, L. Fernandes (Hong Kong)

The DLD Process : A New Way To Improve The Biogas Production From Sludge

M. Coeytaux (France)

The Heenvliet Hybrid Membrane Bioreactor: Comparison Between Series And Parallel Operation

M. Lousada-Ferreira, W. Langhorst, M. de Kreuk, J. van der Graaf (The Netherlands)

The New York City Water Pollution Control Plant Biosolids Management Plan

R. Pun, G.G. Baldwin, K. Mahoney, A. Spangel, P. Lai (United States)

The Quest For Low-Energy Desalination: Prototype Results

T. Letourneau and L.S. Liang (Singapore)

The Role of Technology for Alternative Water Sources

J. Clement (The Netherlands)

Treatment And Disposal Of Water Treatment Plant Residuals For Ho Chi Minh City, Vietnam

T.D. Phu, H.D. Pham, L.C. Dan, R.L. Hurdle (Singapore)

Treatment Of Variable Water Sources: Adaptations For A Flexible Desalination System

M. Chapman and F. Leitz (United States)

Unique Water Treatment Process Challenges At New And Existing Small To Medium Water Treatment Plants In Australia

M. Chapman (Australia)

Urban Water Chain Management Through A Municipal MBR

H. Futselaar, H. Schonewille, R. Rosberg, D. de Vente, J. Buitenweg (The Netherlands)

Urban Water Loss Control in the Asean Region

B. Oren (Israel)

UV Radiation Advanced Oxidation Process: Applications, Mechanisms And Design

J. Feng, D. Arifin, R. Woodling, C. Sichel, K. Andre, T. Peschman, B. Coulter (Singapore)

Water Reuse Comes Of Age In Edmonton Canada

L.K. Lampe (United States)

THEME 2:

Planning for Sustainable Water Solutions

A Sustainability Index For Selecting Among Home Water Treatment Alternatives

Mohamed A Hamouda, M.Sc., William B Anderson, Research Associate Professor, Peter M Huck, Professor (Canada)

Designing Sustainable & Efficient Water Systems - Case Study of Qingdao, China

M. Wagner (Germany)

Downscaling Climate Prediction for Urban Scale

P. Mujumdar (India)

Drinking Water Purification In Growing Urbanization And Water Reuse Scenario

R.S. Barhate, S. Kallidaikurichi, S. Ramakrishna (Singapore)

Flexible Design for Effective Flood Risk Management under Future Uncertainties

Z. Kapelan (United Kingdom)

Form - Function - And Fun! - Integrating Marina Barrage Into The Life Of The City

B.M. Harley and K.G. Yap (Singapore)

Global Change and Its Impact on Urban Water Management in Asian Cities

P. Reiter (The Netherlands)

Housing & Development Board's Initiatives In Sustainable Water Management

Y.P. Thye and A. Tan (Singapore)

Integrated Urban Systems: New Tools To Support Sustainable Development

D. Spector, W. Cesanek, A. Cannan (Singapore)

Pipe Network Interconnectivity Planning And Optimization For Improved Water Supply Reliability

P.J. Smith, A. Steere, A.M. Duncker, P. Feronas (Australia)

Real Options Theory – Application To Urban Water Systems

K. Vairavamoorthy (United Kingdom)

Smart Climate Change Adaptation In Rotterdam, Delta City Of The Future

P. Dircke and A. Molenaar (The Netherlands)

The Australian Experience in Water and Energy Footprints

N. Apostolidis (Australia)

The City Revisited : A New Sustainable Concept And Design For The Urban Cycle Management Of Water, Waste And Energy

Z. Do Quang, J. Boudon, P. Gislette, J.-M. Audic (France)

FOOTNOTE:

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List of Oral Presentations

Urban Storm Sewer Infrastructure Planning And Climate Change Risk Approaches: The City Of Alexandria VA, Case Study
L. van der Tak, C. Perl, P. Pasteris, L. Traynham (United States)

Water and Energy Footprints Frameworks
V. Novotny (United States)

THEME 3: Water Quality & Health

A New Media Filtration System For The Removal Of Trace Inorganic Contaminants
R. Woodling, K. Sathrugnan, D. Arifin, M. Wismer (Singapore)

Challenges and Issues Related to the Implementation of WSPs
T. Thompson (Philippines)

Development Of A Pilot Biotic Index For Water Quality Assessment In Urban Tropical Reservoirs
E. Clews, L. Loke, C. Belle, E-W. Low, P. Todd, H. Eikaas, P. Ng (Singapore)

Drinking Water Quality Risk Management Plans In Victoria, Australia
M. Chapman, G. Finlayson, M. Steele, C. French, K. Dudley, H. Clarke (Australia)

Effect of Bushfires on Quality of Water Resources
J. Dymke (Australia)

Field Trial Of A Plastic Housing Biosand Water Filter In Rural Communities Of Cambodia To Assess Impact On Water Quality And Diarrheal Illness
M. Sobsey, C. Stauber, E. Printy (United States)

Formation Of NDMA By Chloramination Of Nitrogenous Pharmaceuticals
J.-P. Croue, J. Leroux, H. Gallard (Saudi Arabia)

Health Risk Of Drinking Desalinated Water
M.Y. Abdulrahim and M.A. Dawoud (United Arab Emirates)

Heavy Metal Pollution in Xiangjiang River Basin and Its Emergency Response
Z. Shi (China)

Influence Of Materials, Water Qualities And Disinfection Methods On The Drinking Water Biofilm Community
R. Roeder, K. Heeg, P. Tärne, U. Szezyk (Germany)

Iraqi Water Treatment Plants Process Control By Measuring Effluent Turbidity
A.H. Ghawi (Iraq)

Managing The Risk Of Emerging Algae Toxins In Drinking Water: Development Of A Comprehensive Analytical Approach
M.-L. Janex-Habibi, I. Baudin, A. Bruchet, M. Esperanza, S. Courtois, L. Constans, S. Chrupalla, M. Bréhé, M. Lengronne, L. Brient (France)

New Technology For On-Site Detection Of E. coli And Coliform Bacteria In Water
S. Brown, E.J. Marcotte, C.E. Dunkinson, P. Aston, P.J. Gallant, D. Wilton (Canada)

Novel Paradigms To Reveal The Public Health Challenges And Threat Posed By Waterborne Pathogens
R. Sachidanandham and K. Gin (Singapore)

Occurrence Of Diclofenac In Hospital Effluent - A Case Study From India
V. Diwan, A.J. Tamhankar, R.K. Khandal, S. Sen, M. Aggarwal, C.S. Lundborg (Sweden)

Packaged Water Regulation: Improving Local Processes For Sustainable Water Delivery In Developing Nations
A.C. Dada and O.D. Dada (United Kingdom)

Phytotoxicity Of Hydrocarbon To *Scirpus Mucronatus* As A Preliminary Test For Phytoremediation Of Hydrocarbon Contaminated Soil By Using Wetland System
I.F. Purwanti, S.R.S. Abdullah, H. Basri, M. Idris, A. Hamzah, M.T. Latif, M. Mukhlisin (Indonesia)

Phytotoxicity Of Lead (Pb) To *Scirpus Grossus* As A Preliminary Test For Phytoremediation Process Of Wastewater Contained With Lead (Pb)
B.V. Tangahu, S.R.S. Abdullah, H. Basri, M. Idris, N. Anuwar, M. Mukhlisin (Indonesia)

Predicting Cumulative Effects Of Catchment Disturbances On Runoff
Z. Yusop (Malaysia)

Priority Pollutants In Urban Stormwater: From Concentrations And Loads Analysis To Modelling
A. Dembélé, J.-L. Bertrand-Krajewski, C. Becouze, B. Barillon, M. Coquery, C. Cren-Olivé (France)

Raw Water Quality Weight Factors: Vaal River, South Africa
B. Dzwauro, F.A. Otieno, G.G. Ochieng, J.J. Bezuidenhout (South Africa)

Recent Advances in Detection of Microorganisms
J.B. Rose (United States)

Toxicological Relevance Of Emerging Contaminants For Drinking Water Quality
M. Schriks, M.B. Heringa, M.M. van der Kooij, P. de Voogt, A.P. van Wezel (The Netherlands)

Use Of Single-Pass Hollow-Fiber Ultrafiltration For Recovery Of Viruses From Large-Volume Drinking Water Samples In India
J. Narayanan, S. Kamatchiammal, D.J. Santhosh, V. Saroja, A. Nisha, V.R. Hill (United States)

Water Emergency Programme – Mitigation Measures Facing Cutzamala System Cuts By The Lack Of Rain In Mexico City
A. Mexico (Mexico)

Water Quality Guidelines for Desalinated Water
A. Adin (Israel)

THEME 4: Governance & Finance

Accountability And Incentives For Improving Performance For Urban Water Supply And Sanitation In India
M. Mehta and Dinesh Mehta (India)

Case Study of PPP Projects in Gujrat
S. Shah (Philippines)

Choosing Financing Options
M.P. Barrow (Philippines)

Customer Participation In Planning And Delivery Of Urban Water Supply, Wastewater And Solid Waste Services
J.M. Masic (Philippines)

Debottleneck Financing of Water Assets: A Financier's Experience
R. Kannan (Singapore)

Experience in Regulation of the Water Sector in New South Wales
J. Cox (Australia)

Experience of Projects in People's Republic of China
B. Reid (Philippines)

Leading a Successful Implementation of Policies in Manila Water Company
J.R. Almendras (Philippines)

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Lessons from the Privatization of Manila's Water Concession: The Case of Maynilad *M.M. Flor* (Philippines)*

Phnom Penh Water Supply Transformation *E.S. Chan (Cambodia)*

Pricing of Water Services in Manila East Concession
P. Rivera (Philippines)

Private Sector Provision For Water And Sanitation In Urban Areas In Developing Countries: Role Of Community Organisations (Representing Customer Interests) *K. Singh (India)*

Project Finance for PPP and PFI Projects in the Water Industry
M. Rathbone (Singapore)

Reforms for Enhancing Creditworthiness of Utilities and Urban Local Bodies *W. Streeter (Singapore)*

Role of NGOs in Enhancing Customer Participation
C. Morris (Philippines)

Structuring of Projects for Successful Public-Private Partnerships
A. Chiplunkar (Philippines)

Timing Of Customer Consultation In Project Planning And Delivery: Lessons From An Australian Case Study
J.M. Williams, M. Dent, G. Croke (Australia)

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List of Poster Presentations (in alphabetical order)

- A** A New Phosphorous-Free Antiscalant For Membrane Desalination
D. Musale, S. Lopes, B.B. Yao, M. Fazel, R. Yezeswarapu, A. Hallsby, A. Sheikh (United States)
- A Simple GC-El-MS Method For The Determination Of N-Nitrosamines In Source And Drinking Waters. Application To 20 French And US Sites
A. Bruchet and M. Esperanza (France)
- A Strategic Framework Based On Water Management For Developing Sustainable Cities In Syria
H.A. Saleh and G. Allaert (Belgium)
- A Study Of Water Gushing Effects In Planning And Design Of Water Transfer Systems
C.K. Lee (Hong Kong)
- A Sustainable Wastewater Management Approach In The City Of Sibiu, Sarawak
T.W. Lee (Singapore)
- Abu Dhabi Constructs a Deep Tunnel Sewerage System in Underground Space
B. Bevan and S. Orakzai (Saudi Arabia)
- Advanced Materials For Innovative And Cost Efficient Water Treatment
A.C. Lee, R. Fu, X.H. Zhu, R. Gensler, A. Groth, J. Gifford (Singapore)
- An American Approach To Designing And Rehabilitating Gravity Filter Systems
T.M. Getting, J. Geibel, R. Wong, A. Eades (Hong Kong)
- An Assessment Of Capacity Gaps And Shortfalls In The Water, Sanitation And Hygiene Sectors.
S. Cavill and D. Saywell (United Kingdom)
- An Integrated Anaerobic-MBR Energy Efficient Wastewater Treatment Process For Water Reclamation
F.S. Wong, Y.P. Moy, W. Fang, S. Lin (Singapore)
- Anaerobic Acidogenesis Of Food Waste And Application Of Its Products As A BNR Supplemental Carbon Source
L. Arsova, N.J. Themelis, K. Chandran (United States)
- Analysis Of Drinking And Waste Water Using AAS And ICP-OES For Regulatory Compliance
P.R. Sarojam (India)
- Application Of A Broadband Ultrasound System For Barnacle Growth Mitigation At The Marina Barrage, Singapore
R.J. Xie (Singapore)
- Applications Of Computational Fluid Dynamics (CFD) On Water Technologies
D.Y. Arifin and R.E. Woodling (Singapore)
- AquaVerity – A Comprehensive Solution For Ensuring Drinking Water Safety
N. Ulitzur (Israel)
- Arsenic Removal: An Effective Solution For Developing Countries
K. Sathrugnan and R. Woodling (Singapore)
- Assessment Of Jarrahi River's Water Quality Using NSF And CWQI Indexes
S.H. Hashemi (Iran)
- B** Beyond The Blackbox: Measuring Household Water Use In Canberra
K. Harriden (Australia)
- Bio-Sorption Capacity Of Organic Matter In Sludge
R. Wikramanayake, E. Yu, L. Xiao, S. Pradhan, J. Hu, E. Jordan, M. Doyle, W. Liu (United States)
- Bridging The Water Gap. A Flexible, Interim, SWRO Desalination Solution While Major Strategic Decisions Are Being Planned
M. Eldridge and D. Dwek (United Kingdom)
- C** Can Jakarta Become Flood-Free? Sustainable Flood Mitigation Measures For Coastal Cities
M. Fisher and H. Hahm (Indonesia)
- Case Study On Environmental Waste Recovery In Singapore Polytechnic Using A Modified Autothermal Thermophilic Process
K.K. Leong (Singapore)
- Case Study: Sustainable, Urban Water Utilities
G.L.S. Wong (United States)
- Case Study on the Strategic Tunnel Enhancement Step
S. Orakzai and B. Marshall (Saudi Arabia)
- Characterization Real Time Behaviour Of Fouling At A Membrane Surface Using Electrical Impedance
J. Cen (Australia)
- Cold Vapor Atomic Fluorescence Spectrometry And ICP-MS For Sensitive Monitoring Of Mercury In Water
W.N. Yap, W. Zhang, Z. Guo, Z. Yang (Singapore)
- Comparison Of Pre-Treatment Methods For RO Desalination At Chowder Bay, Sydney
K. Chinu, M. Johir, S. Vigneswaran, J. Kandasamy, S. Sathanathan (Australia)
- Concept For Energy Efficient And Sustainable Operation Of Water Supply Networks
G. Eng, M. Gauder, F. Blank, H.-M. Schreyer (Singapore)
- Cost Effective Simultaneous Bromate, Disinfectant Byproducts (Oxyhalides) And Anions Analysis Using Isocratic Ion Chromatography (IC)
A.K. Heng, W. Lawal, A. Nachez, S. Hoffmann, J. Gandhi (Singapore)
- Cows To Kilowatts: Abattoir Waste Turned Into Clean Energy
J.A. Adelegan (Nigeria)
- Current And Emerging Techniques For Environmental Water Analysis – A Survey Of Different US EPA Methods.
A.K. Heng (Singapore)
- D** Dealing With Water Complexity And The Cost Of Non Decision For Water Infrastructure In Asian Urban Environment
P. Wind (Indonesia)
- Degradation Of Emerging Pollutants By *Trametes Versicolor* In Sewage Sludge
C. Rodriguez-Rodriguez, E. Marco-Urrea, G. Caminal, T. Vicent (Spain)
- Desalination By Freezing Using Lng Regasification As A Heat Sink – A Real Options Analysis
S. Zhang and V. Babovic (Singapore)
- Designing Punggol Waterway: Maintaining Water Quality
J. Buurman, K.E. Chua, H. Eikaas, K.M. Tan, T.Y. Lim, P.L. Goh (Singapore)
- Determination Of Residual Glyphosate And Aminomethylphosphonic Acid (AMPA) In Dam And River Water
K.G. Moodley and D.K. Chetty (South Africa)
- Determination Of Trace Perchlorate And Thiocyanate In Water By Suppressed Ion Chromatography
W. Zhang, Z. Guo, Z. Yang (Singapore)
- Developing Payment For Environmental Services (PES) Mechanism To Support Water Resources Protection
M.S. Widodo, J. Budiman, O. Hartono (Indonesia)

FOOTNOTE:

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T. Kitade, Y. Tanaka, S. Minegishi, Y. Yang, J. Ma, M. Henmi (Japan)

Disinfection Of Seawater And Potable Water Produced From Desalination Processes
A. Munro (United Arab Emirates)

Dissolved Air Flotation - An Old Proven Technology Expanded To New Treatment Applications At Very High Rates
J.D. Dyson, R. Hess, T. Ballard (United States)

Dissolved Air Flotation For Low Pressure Membrane Pretreatment At San Luis Obispo Water Utility
J. Farmerie, C. Kesler, R. Wong (Hong Kong)

DO-HS Backwash Of RO Membranes
I. Liberman (Israel)

Drinking Water Standards And Water Quality Risk Management Plan Development For Existing Middle Eastern Large Desalination Plants
M. Chapman, P. Nadebaum, H. Graham, R. Signor, A.R. Al Namaa, M. Al Sooj (Australia)

E Eco-Innovation And Corporate Performance: The African Experience
J.A. Adelegan (Nigeria)

Efficiency Improvement Of Co-Located Electric Power And Seawater Desalination Plants Using Aquifer And Storage Technology
T.M. Missimer (United States)

Efficient Water Resources Management For Sustainable City Using Geo-Information And Dynamic Optimisation Technologies
H.A. Saleh (Belgium)

Emerging Treatment Technology For Sustainable Water
M.H. Lean, A.R. Volkel, J. Seo, A. Kole, N.E. Chang, B.H. Hsieh, K. Melde (United States)

Enhancing The Financial Valuation Of Water Utilities Through Sustainability Strategy
M.-O. Buffle (Switzerland)

Environmental Impact Of Nano-TiO₂ Exposure On Structural Properties And Activity Of Nitrogen-Fixing Organisms
C. Cherchi, T. Chernenko, M. Diem, A.Z. Gu (United States)

Environmental Impacts Of Seawater Desalination: Arabian Gulf Case Study
M.A. Dawoud (United Arab Emirates)

Environmental Life Cycle Assessment Of Brackish Water Reverse Osmosis Desalination In Different Countries
J. Zhou, W.-C. Chang, A.G. Fane (Singapore)

Evaluation Of Nitrification Inhibition On Nitrifying Bacteria And Activated Sludge By Silver Nanoparticles
K.J. An (China)

Evaluation Of Wastewater Reclamation Technologies Based On In Vitro And In Vivo Bioassays
Y. Zhang, N. Cao, M. Yang (China)

Every Drop Counts For Seawater Desalination
S. Nied, C. Chang, R. Gong (Taiwan)

Examination Of Legionella In Taiwan Spring Recreation Areas By Two Analyzing Methods
B.-M. Hsu, J.-T. Huang, C.-M. Chang, N.-H. Chen, S.-W. Huang (Taiwan)

Extracting Hydraulic Performance & VI Information At Human Viewing Speed
P. Stevens (United States)

F Factors Affecting The Performance Of Osmotic Membrane Bioreactors
W.C.L. Lay, J. Zhang, C.Y. Tang, Y. Liu, A.G. Fane (Singapore)

Fate And Transport Of Ortho-Phosphorus In Stormwater Runoff
M.F. Chow (Malaysia)

Financing Water & Wastewater Worldwide 2010-29: The Interplay Between Tariffs And External Financing
D.A.L. Owen (United Kingdom)

Formation And Removal Of Genotoxic Compounds During UV/H₂O₂-GAC Treatment Of Drinking Water
M.B. Heringa, D.J. Harmsen, A.A. Reus, C.A. Krul, T.H. Knol, D.H. Metz, E.F. Beerendonk, G.F. Ijpelaar (Netherlands)

Fostering Public Private Community Partnerships For Sustainable Water Resources- Challenges And Opportunities
P. Aggarwal (India)

Full-Scale UV/H₂O₂ For Treatment Of Micropollutants In Drinking Water And Water Reuse Applications
R. Peterson, A.D. Festger, A. Royce, N. Brown (United States)

G GC/FID Analysis Of Biotreated Industrial Wastewater From A Petrochemical Plant.
G.J. Poi, A. Ball, M.C. Puah (Singapore)

Gray Water Calculation Tool For Implementation Of The Water Framework Directive In Sewage Systems
B. Barillon, P. Dauthuille, S.M. Ruel, H. le Goas, L. Millair (France)

Greater Mandurah Wastewater Planning - Long Term Options
H. Forster (Australia)

Green City, Clean Waters: Retrofitting Today's City With Tomorrow's Urban Water System
R. Myers, J. Smullen, M. Cammarata (United States)

H High Alloyed Stainless Steels For Brine Handling Applications
E. Halling and S. Randström (Sweden)

High Water Recovery System With PVDF Hollow Fiber Membrane Modules To Reduce Discharged Wastewater
T. Ogawa (Japan)

High-Rate Solids Contact Clarification - A Highly Versatile, Solids Separation Process For Drinking Water And Industrial Wastewater (Phosphorus Removal) Applications
R. Wikramanayake, R. Knauf, G. Baker, E. Lawrence, S. Scott, G. Shrestha, P. Gallagher, D. St. Germain (United States)

How Much Water Do We Really Use? A Case Study Of The City State Of Singapore.
D. Vanham and W. Rauch (Austria)

I Impact Of Technology On Real-Time Management Of Collection Systems In US And UK
P. Stevens (United States)

Impacts Of Suspended Solids On "Tailing" Phenomenon In Disinfection Of Sewage With Chlorine
W. Liu (China)

Implementing Programme Management in Deep Tunnel Construction
S. Orakzai (Saudi Arabia)

Increased Energy Savings & Total Present Value Savings By Optimized Design Choices Of High Efficiency Wastewater Aeration Systems
G.R. Conner and R.C. Chann (United States)

Innovative Solutions For Sustainable Management Of Odour Nuisance In Urbanized Environment
V. Lazarova, E. Senante, V. Guimet, F. Fotoohi, P. Dauthuille (France)

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M.H. Lean, J. Seo, A. Kole, A.R. Volkel, N.E. Chang, B.H. Hsieh, K. Melde (United States)

Inspiring Leadership In Policy Making In The Kingdom Of Morocco

M. Benbiba, A.K. Biswas, R. Guzman, K. Eckermann (Germany)

Integrated Pressure And Energy Management In Water Network Operation

G. Eng, F. Blank, M. Gauder, H.-M. Schreyer (Singapore)

Involving Our Stakeholders To Achieve Water Sustainability

A. Garcia and J.P. Merino (Spain)

K Kanchan Arsenic Filter: Technology For Removal Of Arsenic And Microbiological Contamination *K. Singh (India)*

L Large Dissolved Air Flotation Filtration (DAFF) Plant Designed And Operating In Both DAFF And DF Mode In Australia

M. Chapman, C. Modulon, N. Johnston (Australia)

Latest Results On Testing A New Arsenic-Selective-Hybride-Adsorber For Arsenic Removal From Potable Water – Overcoming Disturbance Effects By Silica, Pitcher Tests And Working Over Regeneration Procedure

S. Neumann, R. Klipper, S. Breuer (Germany)

Lessons Learned By The Private Sector In Providing Two Billion Liters Of Safe Drinking Water In The Developing World

G. Allgood (United States)

Local Rain Water Recovery, A Cost Effective, Reliable And Green Water Usage Solution For Large Industrial Site Study And Test Case In A Singapore Industrial Environment

P. Wind (Indonesia)

Long Term Evolution Of Natural Organic Matter (NOM) At Various Sites In France, UK, Germany And USA. Consequences For Drinking Water Production

A.L. Bruchet, M. Phillibert, M. Suffet, P. Charles (France)

M Managing Water Loss And Energy Through Efficient Modelling Techniques *U. Umakhanthan (Australia)*

Modern Instrumental Analytical Approaches For Express Control Of Quality Water In Regions With Conflicts And Disaster

S.F. Nickolaj (Ukraine)

Modified Fouling Index (MFI) For Evaluating Fouling Propensity Of Secondary Effluents In Ultrafiltration (UF) Process

B. Cai, K. Glucina, H.Y. Ng (Singapore)

O Online Condition Monitoring For Membrane Systems

G. Eng, M. Gauder, M. Antoine, S. Senthilmurugan (Singapore)

On-Line Monitoring Strategy For Water Quality Assessment

B. Barillon, A. Zenasni, S.M. Ruel, C. Cren-Olive, J. Chappier, F. Lavastre, N. Jaffrezic-Renault (France)

Optimizing Dual Media Filtration For Particulate Removal

T. Getting, R. Wong, T.L. Yohe, J. Heichel, B. Stromberg Jr, L. Zukus, R. Skradski (Hong Kong)

Optimizing The Design Of The Overall Aeration System: Methodology And Case Studies

S. Besnault, S. Martin, G. Carrand, P. Dauthuille (France)

Overview of Geology along the STEP Deep Sewer Tunnel Alignment, Abu Dhabi

M. Marshall and S. Orakzai (Saudi Arabia)

OxyMix™ Aerator: New Oxygen Injection And Dissolution Device For Activated Sludge

A.O. Weist, Y.P. Neo, M.A. Fitzgerald, B. Ozbas, T. Reid, L. Johnson (Singapore)

P PALLYJA Relief Mission For Padang Following West Sumatra Earthquake *W. Prabakti, T. Erk, L. Martin, I. Taib (Indonesia)*

PALLYJA Water For All Programs

V. Fournier, P. Folliasson, I. Damayanti (Indonesia)

PCR Assay For Direct Detection Of Thermotolerant

Campylobacters In Turbid Pond Water

H.H. Abulreesh, T. Paget, R. Goulder (Saudi Arabia)

Performance Evaluation Between Alternating Type Process And Recirculating Type Process By Using A Mathematical Model

H. Kim, Y. Kim, J. Cha, S. Choi, K. Min, C. Kim (Korea)

Performance Of Low Pressure Membrane Processes For The Reuse Of Urban Wastewater: Effect Of Intermediate Physical Chemical Tertiary Treatments

J.-P.H. Croue, E. Filloux, A.T. Pain (Saudi Arabia)

Pilot Study Of Novel Membrane Bioreactor For Water Reuse

J.-J. Qin, M.H. Oo, K.A. Kekre, T. Day, L. Zhang (Singapore)

Piped Drinking Water Sampling Plan For Small Water Systems In Singapore – A Regulator's Perspective

P.S. Joshi, R. Vaidyanathan, C.H. Lam, S.S. Appoo (Singapore)

Principles Of Water Governance: Enabling Private Sector Provide Better Water And Sanitation Services To The Urban Poor

K. Singh (India)

Prospects Of Using Rainwater As A Neighborhood Resource

A.R. Grover (India)

R Rapid Molecular Detection Of Escherichia Coli In Drinking Water Using Real-Time PCR

J. Narayanan and V.R. Hill (United States)

Real-Time Water Quality Management Using An Automatic Profiler Winch System In Shing Mun Reservoir Of Hong Kong

C.K. Lee (Hong Kong)

Reducing Energy Consumption For Deionized Water Systems Using Reverse Osmosis And Electrodeionization

J.H. Wood, J.D. Gifford, J.W. Arba (United States)

Reed-Bed Wastewater Treatment System: Sunga Wastewater Treatment Plant, Nepal

K. Singh (India)

Removal Of Bisphenol A By Magnetic TiO₂ Wrapped MnFe₂O₄ Nanorod

T. Zhang, X. Zhang, Z. Liu, D. Sun (Singapore)

Removal Of Ionized Pollutants Using Ion Exchange Membrane Chemoreactor

Z. Shi, S. Chen, D. Xie, P. Xie (China)

Responding To The Urgency For Sustainable Water Infrastructure In Cities

P. Binney (United States)

Reuse Of Rejected Water From Desalination Plant

A.H. Hodhan and M.N. Al-Dahlwai (Saudi Arabia)

RO/CEDI Systems For Service Deionization Applications

L.-S. Liang, J. Lombardo, J. Telepciak (United States)

Role Of Contaminant Removal Technologies' in Industrial Wastewater Treatment

S. Sudheendra (Singapore)

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G. Stuart, A. Hollingsworth, K. Catterall, S.B. Mortensen, F. Thomsen, S. Khan, G. Capati, S. Kirkpatrick, S.P. Szykarski, R.B. Tomlinson (Australia)
- Securing Water Resources For Water Scarce Ecosystems
E. Chinyamakobvu and V. Calzolaio (Germany)
- Selection The Most Efficient Water Distribution Pipeline Material In Shanghai, China
Z. Chen, Z. Xu, X. Zheng, D. Walton, C. Wang (China)
- SiCure™ Ballast Water Management System: Helping Secure Our Ecologically Fragile Oceans
V. Zolotarsky, L. Nupnau, L.J. Lombardo (United States)
- Sidestream Management In Wastewater Treatment Plant Towards A Global Energy Efficiency
T. Li, S.M. Ruel, L. Graveleau, A. Kaldate, P. Dauthuille (France)
- Solar Energized River Sand Bed For Sustainable Mega City Pollution Management
U.K. Choudhary, S. Grandhi, A.N. Singh (India)
- Solutions To Increase The Energy Efficiency Of Wastewater Treatment Plants
T. Steckenreiter and S. Siraj (Singapore)
- Stormwater Low Impact Development Alternatives For Low-Income Communities In Central America: The Case Of Ocotillo-Anexo, Honduras
A. Milou (United States)
- Strategic Energy Management Planning In Philadelphia
P.P. Kenel, W. Allis, C. Crockett, P. Kohl, P. Kumar (United States)
- Suns River Solar Distillation Breakthrough: Uses 98% Renewable Energy
H.T. Kemp and A.K. Upadhyaya (United States)
- Supercritical Water Oxidation For Sludge To Energy Conversion
P.O. Callaghan and J. O' Regan (Ireland)
- Superhydrophilic Manganese Oxide Nanowire Membrane For High Flux Water Filtration
X. Zhang, T. Zhang, J. Ng, D. Sun (Singapore)
- Sustainable Flood Risk Assessment And Management: Comparative Case Studies Between Hong Kong And The United Kingdom
F.K.S. Chan, A. Mcdonald, G. Mitchell (United Kingdom)
- Sustainable Ultraviolet Disinfection Solutions For Large-Scale Municipal Applications
J. Muller, W. Lem, D. Tomowich (Canada)
- SWRO Pre-Treatment With Singapore Seawater - Pilot Testing Utilizing Ultra Filtration Membranes And Screen Systems
R. Wikramanayake, S. Sreeramachandran, R. Knauf, R. Subburayan, L. Birkner, S. Cao, P. Gallagher (United States)
- T** Tackling Water Scarcity In Urban Areas: A Case For PPP In Irrigation And Drainage Sector
K. Saket (Singapore)
- Technical And Economical Evaluation Of Nanofiltration And Reverse Osmosis Processes For Reducing Total Dissolved Solid From Groundwater Of Birjand
A. Mohammadpour, A. Torabian, G. Nabi, A. Ghadimkhani (Iran)
- The Application Of Trenchless Technology In Critical Gravity Sewer Installations
J. Milligan (United States)
- The Impact Of Continuous Sludge Collection In Potable Water Treatment Plants
J.E. Farmerie, R. Wong (Hong Kong)
- The Impact Of Environmental Conditions On Occurrence Of Toxic And Non-Toxic Stains Of Cyanotoxin Producers In Tropical Reservoirs
C. Feng, P. Gao, Y.T. Wong, Y.C. Chiam-Tai (Singapore)
- The Imperative Of Conservation In Pakistan's Agricultural, Municipal And Industrial Waters
A. Piracha, Z. Majeed, T. Chaudhary (Australia)
- The Other Oxidizer - A Review Of Wet Air Oxidation As An Alternative To Incineration
C.B. Maugans (United States)
- The Practice Of Permanent Area Operation In Reducing NRW: A Case Study Of PA B14 In PALYJA - Jakarta, Indonesia
R.D. Halim, N. Manurung, L. Martin (Indonesia)
- Toward Energy Self-Sufficiency Of Wastewater Treatment
V. Lazarova, T. Li, S. Martin, P. Dauthuille (France)
- Toxicity Of Nitroanilines To Pseudokirchneriella Subcapitata (Green Alga) Evaluated With A Closed-System Test Technique
C.Y. Chen (Taiwan)
- U** Use Of Oxygen Uptake Rate (OUR) As A Tool To Compare Change In Aerobically Biodegradable Organics Through The Interchange Bioreactor Of Sbr-Cannibal System
R. Wikramanayake, R. Conde, L. Xiao, W. Liu, M. Doyle, E. Jordan (United States)
- Using Machine To Machine Technology For Water Monitoring & Alert Systems
G.H. Tan (Singapore)
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- W** Wastewater Collection System Optimization For Cost-Effective And Sustainable Capital Improvement Planning
P.J. Smith, J.I. Wilson, A. Witt, M. Canning (Australia)
- Wastewater Quality Regulations And Reuse In Saudi Arabia
F.M. Dawabsheh (Saudi Arabia)
- Water And Sanitation Infrastructure Fund To Promote Housing Production
A. Mexico (Mexico)
- Water Demand Management And Losses In Mabopane And Ga-Rankuwa, Odi Areas In South Africa
N.T. Mhlongo, F.O. Otieno, G.O. Ochieng (South Africa)
- Water Quality And Household Behaviors Affecting Water Quality In An Intermittent And Continuous Urban Piped Water Supply
E. Kumpel and K. Nelson (United States)
- Water Safety Plan: An Approach To Suppress Microbial Contamination In Drinking Water In Bangladesh
S.A.J. Shamsuddin (Bangladesh)
- Wetland System: A Cheaper And Efficient Treatment Option For The Food Processing Waste In Africa
J.A. Adelegan (Nigeria)

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Registration Information

Please register online at <http://www.siww.com.sg/water-convention-1> before 31 Mar 2010 to enjoy the early bird discount.

Accommodation

The list of official hotels for SIWW 2010 is available at <http://www.siww.com.sg/hotelhousing>.

Contact Information

For any enquiries, please contact the Water Convention secretariat at:

SAMANTHA SHOO

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695E East Coast Road Singapore 459059
Tel: +65 6346 4402
Fax: +65 6346 4403
Email: waterconvention@siww.com.sg.

Detailed information is also available at www.siww.com.sg/waterconvention.php.

REGISTRATION FORM

CONFERENCE FEE

	EARLY BIRD ON OR BEFORE 31 MARCH 2010	TICK	FULL RATES ON OR BEFORE 21 JUNE 2010	TICK
FULL CONFERENCE AND EXPO				
Non-Member	\$1,260		\$1,400	
Member of Other Partners	\$1,120		\$1,260	
Strategic Partner	\$980		\$1,120	
Presenting Author Oral [] Poster []	\$840		\$980	
Delegates from Low Income Country	\$560		\$700	
Onsite	AFTER 21 JUNE 2010		\$1,400	
DAY PASSES AND EXPO				
	29 Jun 2010 []	30 Jun 2010 []	01 Jul 2010 []	
Strategic Partners	\$420		\$480	
Members of Other Partners	\$480		\$540	
Others	\$540		\$600	

- Members of Strategic Partners – IDA, IWA, LKY SPP, SWA and ADB.
- Members of Other affiliates (International and Local supporting organisations)
- Water Convention Full Package is inclusive of attendance to the Water Convention sessions, Water Expo, Business Forums, Opening Ceremony cum Welcome Reception and Closing Dinner. The package also includes Tea-Breaks and Lunches and conference bag. The package EXCLUDES Golf Classic, Lee Kuan Yew Prize Award Ceremony and Banquet and Technical Tours.
- For day passes holders, you will need to make additional purchases for the various networking events.
- All delegates will need to register on-site after 21 Jun 2010. Please remember to bring your associations' membership no. to enjoy these preferred rates.
- Category fees will only be applicable only if they are received within the timeline stipulated. Early bird fee will only be applicable for registration and payment received before 31 March 2010.
- Registration fees must be settled in full prior to event commencement.
- An additional 7% Goods and Services Tax is applicable to all Singapore delegates.
- There will be no refund for cancellations.

NETWORKING EVENTS (ADDITIONAL TICKET)

Admission to the Opening Ceremony & Welcome Reception and Closing Dinner is included for registered delegate. Please indicate your attendance. Additional admission ticket (s) can be purchased for accompanying guest (s).

	DATE	FEE	DELEGATE ATTENDANCE		ADDITIONAL TICKET
			YES	NO	
Golf Classic 2010 (Sentosa Golf Club) Handicap []	28 June 2010 (Morning)	S\$300			
Opening Ceremony & Welcome Reception	28 June 2010 (Evening)	S\$100			
Lee Kuan Yew Prize Award Ceremony & Banquet	29 June 2010 (Evening)	S\$350			
Closing Dinner	01 July 2010 (Evening)	S\$120			

If you are interested to purchase a table for 10 persons, please contact the organiser.

TECHNICAL TOURS

Five tours are conducted each day on 28 June and 2 July. Please log onto www.siww.com.sg for more details and choose only one tour per day as the tours are conducted concurrently. Limited seats are available and on a first-come-first-served basis.

TICK (S)	Tour 1	Tour 2	Tour 3	Tour 4	Tour 5
28 JUNE - S\$40 / TOUR					
02 JULY - S\$40 / TOUR					

- Tour 1: Marina Barrage & Chestnut Waterworks
- Tour 2: NEWater Visitor Centre, Variable Salinity Plant & Punggol Serangoon Reservoir Scheme
- Tour 3: Deep Tunnel Sewerage System (DTSS), Changi Water Reclamation Plant & Changi NEWater Factory
- Tour 4: Ulu Pandan MBR Plant, Waterhub, Centre for Advanced Water Technology (CAWT) & SingSpring Desalination Plant
- Tour 5: Active, Beautiful and Clean (ABC) Projects sites: Kolam Ayer, MacRitchie, Jalan Balam Rain Garden & Bishan Park

PERSONAL DETAILS OF DELEGATE

Title:	First Name:	Last Name:		
Job title:	Organisation:			
NRIC/Passport Number:	Age: < 25 []	25 – 35 []	> 35 []	Email:
Address:	Country:		Postal Code:	
Contact Number:	(Office)	(Mobile)	(Fax)	

SOCIAL EVENTS & LEE KUAN YEW PRIZE AWARD CEREMONY & BANQUET REGISTRATION INFO (ADDITIONAL TICKET)

FULL NAME	ORGANISATION (if any)
1.	
2.	

METHOD OF PAYMENT

All bank charges are to be borne by delegate.

I enclose a cheque / bank draft for **SGD** _____ payable to **"The Meeting Lab - SIWW"**.

Please debit my Visa / Mastercard / American Express card for the amount of **SGD** _____

Bank Transfer / Telegraphic transfer
Beneficiary : The Meeting Lab – SIWW
Bank Name : DBS Bank
Bank Address : 6 Shenton Way, DBS Building Tower 1, Singapore 068809
Account No. : 003-910464-2
Swift code : DBSSGSGG Bank code : 7171 Branch code : 003

Card No. _____

Name on card: _____

Expiry Date (MM/YY): _____ Signature: _____

HOTEL ACCOMMODATION

The conference fee does not include hotel accommodation. Please make your bookings online via www.siww.com.sg to enjoy special rates.

REGISTRATION CONTACT

Singapore International Water Week Pte Ltd
c/o The Meeting Lab Pte Ltd, 69SE East Coast Road, Singapore 459059
Tel: +65 63464402 Fax: +65 63464403 Email: waterreadersummit@siww.com.sg
Website: www.siww.com.sg



**International
Water Association**

International Water Association (IWA)

The International Water Association is a global network of water professionals, spanning the continuum between research and practices and covering all facets of the water cycle.

Through IWA, members collaborate to promote the development and implementation of innovative and effective approaches to water management. The strength of IWA lies in the professional and geographic diversity of its membership – a global mosaic of member communities – including academic researchers and research centres, utilities, consultants, regulators, industrial water users and water equipment manufacturers.

IWA members from each of these communities represent the leading edge in their fields of expertise; together they are building new frontiers in the research and implementation of water and wastewater treatment technologies, within the framework of the total water cycle.



Water for All: Conserve, Value, Enjoy

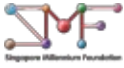
PUB, Singapore's National Water Agency

PUB is Singapore's national water agency and a statutory board under the Ministry of the Environment and Water Resources. It manages Singapore's water supply, water catchments and sewerage in an integrated way.

PUB manages the whole water cycle, from sourcing to the collection, purification and supply of drinking water, the treatment of used water and its reclamation into NEWater, as well as the drainage of stormwater.

The agency has ensured a diversified and sustainable supply of water with the Four National Taps – local catchment water, imported water, NEWater and desalinated water.

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Director, Sales & Marketing
Singapore International Water Week

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Fax : +65 6542 8683 / 6546 6062
Email : marketing@siww.com.sg