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
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

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Water Expo
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 Commitee

1. Harry Seah, Director, Technology and Water Quality Office, PUB, Singapore
2. Darryl Day, General Manager, Remote Operations, Power & Water Corporation, Australia
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
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.
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

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 than 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.
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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 Prouction 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. Hefferman 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
P.L. Mccarty (United States)

Implementation Of Real-Time Optimisation Of Pumping Control With Genetic Algorithms
C K Lee (Hong Kong)

FoOTNOTE: Confirmed presentations are accurate as at 4 Feb 2010. For updated list of presentations, please visit www.siww.com.sg/water-convention
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**Prediction Of Advanced Oxidation Performance In Full Scale UV/H2O2 Reactor Systems**

**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. Curne, J. Bates, J. Mieog (Singapore)

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

**Sludge Management & Its Development in China**
G. Xu (China)

**Serti-Flow Microfiltration As Treatment To Stormwater Canal In Sydney**
M. Johir, S. Vigneswaran, J. Kandasamy, R. Sleigh (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. Loussada-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, 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. Schoneville, 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. Arfin, 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 Impacat 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)

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)

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Urban Storm Sewer Infrastructure Planning And Climate Change Risk Approaches: The City Of Alexandria VA, Case Study
L. van der Tak, C. Perl, P. Pastern, 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. Sathrughan, D. Ariffin, 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. Cleves, L. Lake, C. Belle, E-W. Loo, 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. Sodsey, C. Stauber, E. Hrunko (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. Abdullaeh 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. Tarne, U. Szewzyk (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, C. Belle, M. Coquery (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. Sachiandanadham and K. Gin (Singapore)

Occurrence Of Diclofenac In Hospital Effluent - A Case Study From India V. Divan, A.J. Tamhankar, R.K. Khanda, 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
J.F. Purwanti, S.R.S. Abdullah, H. Basri, M. Idris, A. Hanifah, 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. Anuvar, M. Mukhlisin (Indonesia)

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


Raw Water Quality Weight Factors: Vaal River, South Africa
B. Devisario, 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. Schnik, M.B. Heringa, M.M. van der Kooi, P. de Vogt, 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. Narayan, S. Karmatichannel, 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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D. Musale, S. Lopes, B.B. Yao, M. Fazel, R. Yeleswarapu, A. Hallsky, A. Sheikh (United States)  
A Simple GC-EI-MS Method For The Determination Of  
N-Nitrosoamines 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 Sibu, Sarawak T.W. Lee (Singapore)  
Abu Dhabi Constructs a Deep Tunnel Sewerage System in  
Underground Space B. Bievan and S. Orakzai (Saudi Arabia)  
Advanced Materials For Innovative And Cost Efficient Water  
Treatment A.C. Lee, R. Fu, K.H. Zhu, R. Gensler, A. Grath, 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. Arosova, 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.I. 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  
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| C | Can Jakarta Become Flood-Free? Sustainable Flood Mitigation  
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DO-HS Backwash Of RO Membranes J. 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)

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

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Registration Information

Accommodation

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

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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

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NETWORKING EVENTS (ADDITIONAL TICKET)

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

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

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Job title: Organisation:
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METHOD OF PAYMENT

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

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REGISTRATION CONTACT

Singapore International Water Week Pte Ltd
c/o The Meeting Lab Pte Ltd, 695E East Coast Road, Singapore 459059
Tel: +65 63464402 Fax: +65 63464403 Email: waterleaderssummit@siww.com.sg
Website: www.siww.com.sg

HOTEL ACCOMMODATION

The conference fee does not include hotel accommodation. Please refer to our website at www.siww.com.sg for special rates.
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.

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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For enquiries on Singapore International Water Week, please contact:

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Singapore International Water Week

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