

Singapore International Water Week

2012

Water Solutions for Liveable
and Sustainable Cities

Sands Expo & Convention Center, Marina Bay Sands

1 – 5 July



SINGAPORE INTERNATIONAL WATER WEEK 2012



Steadily gaining traction as one of the leading water events in the global water calendar, the Singapore International Water Week is the global platform for the sharing and co-creation of innovative water solutions.

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 honour outstanding contributions in solving the world's water issues.

Themed 'Water Solutions for Liveable and Sustainable Cities', Singapore International Water Week 2012 continues to deliver greater value and enhanced networking experiences to delegates, exhibitors and trade visitors with a comprehensive programme line up.

Strategically co-located with the 3rd World Cities Summit and the inaugural CleanEnviro Summit Singapore, SIWW 2012 offers delegates a platform to co-create innovative water solutions alongside key players in urban and environment fields. Participants will have more opportunities to promote practical and sustainable water solutions and tap into a vast network of public and private sector players in urban solutions.

ENGAGE global water leaders and experts	UNCOVER trends, insights and opportunities	CONNECT with the who's who in integrated urban, water and environment solutions
<ul style="list-style-type: none">• Water Leaders Summit• Water Convention• Water Expo• Business Forums• Industrial Water Solutions Forum• TechXchange Workshop• Co-located Events• Site Visits	<ul style="list-style-type: none">• Governance & Policy• Market Trends & Opportunities• Networking Opportunities• Technological Innovations• Financing• Product Showcases	<ul style="list-style-type: none">• Policymakers• Business Leaders• Venture Capitalist/ Investors• Municipal Officials• Water Experts• Practitioners• Researchers• Distributor / Importers• Urban Planners• Utility Managers <p><i>... and many more</i></p>

Join global water leaders as they converge in Singapore from 1 – 5 July 2012. Register at www.siww.com.sg.

LEE KUAN YEW WATER PRIZE



In successfully marrying nature and engineering, Prof Mark van Loosdrecht is recognised for introducing a paradigm shift in the understanding of the used water treatment process and for his significant contributions in creating sustainable solutions in the field of used water treatment.

PROF MARK VAN LOOSDRECHT
Lee Kuan Yew Water Prize 2012 Laureate

Dutch environmental biotechnologist Prof Mark van Loosdrecht is awarded the Lee Kuan Yew Water Prize 2012 for his breakthrough contributions in used water treatment, with his completely autotrophic nitrogen removal process - Anammox.

Chosen from over 61 illustrious nominations received from across 25 countries, Prof van Loosdrecht is recognised for pioneering an innovative biological process that provides a cost-effective, robust and sustainable way to remove unwanted pollutants from used water. This was made possible by the discovery of a unique group of bacteria which removes pollutants in used water using less oxygen and no added organic carbon compared to conventional processes. The Anammox process can greatly reduce the overall energy consumption, chemical usage and carbon emissions of conventional used water treatment plant.

Prof van Loosdrecht's ground-breaking work in marrying nature and engineering has formed the basis for many variants in use today and this technology is seeing increasing adoption worldwide.

Prof van Loosdrecht will deliver the Singapore Water Lecture on 2 July 2012. Following that, delegates can expect an evening of networking with global water experts at the Lee Kuan Yew Prize Award Ceremony and Banquet held on the evening of 2 July 2012. This prestigious gala dinner is the perfect occasion to extend corporate hospitality to valued partners in the business community. Enjoy 10% off for corporate reservations of 10 tickets. Contact info@siww.com.sg to make group reservations or for more information.

ABOUT THE LEE KUAN YEW WATER PRIZE

The highlight of Singapore International Water Week, the Lee Kuan Yew Water Prize honours outstanding contributions towards solving global water problems by either applying technologies or implementing policies and programmes which benefit humanity.

The Water Prize is named after the Singapore's first Prime Minister and former Minister Mentor, Lee Kuan Yew, who championed the development of Singapore's water sustainability efforts.

Water Prize Sponsor:



WATER LEADERS SUMMIT

The Water Leaders Summit is one of the pillar events of the Singapore International Water Week. The summit gathers the world's top water leaders from the government, industry and the international organizations, to discuss global water issues, share knowledge, and shape thought leadership on developing sustainable water solutions. The interactive sessions allow participants to share and discuss key global issues.

Highlights of the Water Leaders Summit include:

- **In Conversation** with Ms Helen Clark, Administrator of UN Development Programme and former Prime Minister of New Zealand.

Delegates can expect an interactive dialogue on issues concerning cities, water and environment, and sustainable development.

- **Opening Plenary** themed '*Sustainable Development - Our City, Water and the Environment*'.

The session features high level speakers from the government, industry and international organisations to share thoughts and insights on strategic cross-cutting policy and governance issues related to water, city and the environment.

- **Lee Kuan Yew World City Prize and Singapore Water Lecture**, delivered by the 2012 Lee Kuan Yew Water Prize laureate, Prof Mark van Loosdrecht, and the 2012 Lee Kuan Yew World City Prize laureate, followed by a dialogue.
- **Water Leaders Roundtable**, titled 'Water Planning for Liveable and Sustainable Cities'. The Water Leaders Roundtable looks at successful examples of sustainable and integrated water planning in cities.
- **Water Leaders Summit Workshops**
Held in parallel, the topics for the two workshops include:
 - '*Cutting-Edge Water Technologies for Sustainable Cities*' (organized in partnership with Siemens)
 - '*Unlocking Innovation - Advancing the Water Industry Through Portfolio Planning, Policy and Project Delivery*' (organized in partnership with Black & Veatch)

The Water Leaders Summit is a 'by-invitation' only event.
Email waterleaderssummit@siww.com.sg for more information.

More than 300 high-level delegates will attend the Water Leaders Summit, visit www.siiww.com.sg/water-leaders-summit for the latest programme and lists of speakers and attendees.

Supported by:



Gain Insights and engage in focused dialogues with these world leaders:

Ms Helen Clark Administrator of United Nation Development Programme and former Prime Minister of New Zealand
Dr Vivian Balakrishnan Minister for Environment and Water Resources, Singapore
HE Kamal Nath Minister for Urban Development, India
HE Djoko Kirmanto Minister for Public Works, Indonesia
HE Shintaro Ishihara Governor of Tokyo, Japan
Mr Henri Proglio Chairman, Electricite de France
Dr Roland Busch CEO, Infrastructure & Cities, Siemens AG
Ms Pamela Cox Vice-President (East Asia & the Pacific), World Bank
Prof Mark van Loosdrecht Lee Kuan Yew Water Prize 2012 Laureate
Mr Khoo Teng Chye Executive Director, Centre for Liveable Cities, Singapore
Prof Wim Kuijken Commissioner, Delta Programme, the Netherlands
Dr Emilio Gabbrielli Vice President of Business Development, Toray Membrane & 2nd Vice President, International Desalination Association
Mr Paul Brown Executive Vice President, CDM Smith
Prof Tony Wong Director and Chief Executive, Centre for Water Sensitive Cities
Mr Bindu Lohani Vice President (Knowledge Management & Sustainable Development), Asian Development Bank
... and many more

WATER CONVENTION

The Water Convention offers water professionals a platform to share experiences and case studies on technological solutions to solve water challenges as well as examine issues related to urban water planning and water quality and health specifically in the East Asia, Asia-Pacific and the Middle East regions.

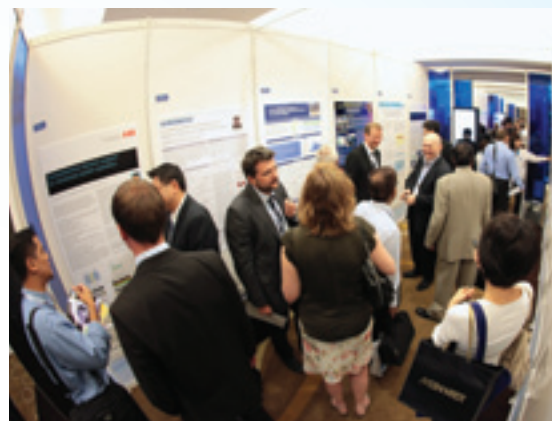
The themes for Water Convention are designed to examine trends and challenges faced by Asia-Pacific and the Middle East regions.

Theme 1: Delivering Water from Source to Tap

Theme 2: Effective and Efficient Wastewater Management

Theme 3: Cities of the Future

Theme 4: Water Quality & Health



HOT ISSUES WORKSHOP

Five Water Convention Hot Issues workshops will take place during Singapore International Water Week 2012. Each of these 3-hour workshops are designed to be highly interactive, with panel discussions to facilitate two-way exchange of ideas on 'hot' and emerging issues in Asia. Delegates will develop a fuller understanding of the topics, in preparation for the Water Convention sessions held during the week.

DATE	TIME	WORKSHOP TOPICS
Sunday 1 July 2012	9.00am to 12.00pm	Workshop 1: Integrated Infrastructure Planning for Cities of the Future
		Workshop 2: Application of Technologies in Developing Countries
	2.00pm to 5.00pm	Workshop 3: Rethinking the three Rs of Wastewater - Recoverable Resources and Reusable water
		Workshop 4: Water Management for Dengue Control
		Workshop 5: Water Treatment and Management for Industries

Admission :

Water Leaders Summit and Water Convention delegates enjoy complimentary access.

Exhibitors and trade visitors may register to attend all the Hot Issues Workshops at a nominal fee of S\$100.

Visit www.siwww.com.sg/water-convention to view the latest list of Water Convention speakers and presenters.

Hear and network with our Water Convention speakers:

Mr Tan Gee Paw

Chairman, PUB Singapore

Prof Rita Colwell

Stockholm Water Prize Winner 2010 &
Professor, University of Maryland

Dr Glen Daigger

President, International Water Association & Senior
VP, CH2M HILL

Mr Rob Skinner

Monash University Professorial Fellow, Centre for
Water Sensitive Cities

Prof Wang Xiaochang

Professor, Xi'an University

Dato' Teo Yen Hua

CEO, National Water Services Commission, Malaysia

Prof Tony Wong

Director and Chief Executive,
Centre for Water Sensitive Cities

Prof Yasumoto Magara

Professor, Hokkaido University

Mr Brian Good

President, WaterReuse Association

... and many more

Jointly organised by:



WATER EXPO (FULLY SOLD)

The Water Expo 2012 continues to draw strong participation from more than 650 participating companies. The Water Expo's exhibit portfolio in 2012 has expanded to include Trenchless Asia 2012, bringing innovations on trenchless technologies to the current mix of solutions.

The strong show of support from international groups around the world reinforces Water Expo's role as a global marketplace where potential business partners connect.

Highlights of Water Expo include:

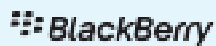
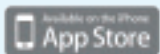
- **Connect@SIWW:** Your personal business match-making portal is now embedded into our SIWW application for smartphones. With exclusive access for registered conference delegates and exhibitors, start engaging potential business partners now. Let this be THE application to make your experience in Singapore your most fruitful one yet.
- **More than 650 participating companies** showcasing leading-edge technologies, product and services for innovative and sustainable water solutions.
- **16 Group Pavilions** representing Australia, Belgium, Canada, China, Germany, Israel, Japan, Korea, Singapore, State of Illinois, Switzerland, Taiwan, The Netherlands, Trenchless Asia 2012, United Kingdom and the Water Environment Federation (WEF).
- **Water Innovations @ SIWW:** See prototypes of the latest innovative solutions in the water industry & discover collaboration opportunities with their founders.
- **More than 10 Industry-to-Industry Networking Sessions:** Uncover new business opportunities at these dedicated networking sessions hosted by local supporting organisations.



Download the SIWW Smartphone application and start connecting

Download the latest SIWW application for smartphones and receive the latest updates from SIWW. Enhanced features include an interactive Connect@SIWW function with exclusive access for registered conference delegates & exhibitors. Start engaging potential business partners even before you arrive!

Available on:



**With 26,000
square meters
of exhibition space, trade
visitors can expect a
comprehensive range of
exhibits including:**

Catchment Management
Clean Transport
Clean-Enviro Solutions
Climate Change & Flood Control
Consultancy & Engineering Services
Dam & Hydro Power
Desalination
Disposal & Recycling
Eco-Products
Environmental Control & Protection
Equipment, Control System & Instrumentation
Infrastructure
Integrated Urban Solutions
Plant Development & Maintenance
Point of Use
Pumps and Process System
Sanitation
Sludge Handling and Treatment
Waste Control & Management
Wastewater Collection/Treatment
Water Distribution

EXHIBITOR LIST (ACCURATE AS OF 30TH APRIL 2012)

ABB Pte Ltd	GEA Westfalia Separator Group GmbH	PICA/Russel Tech
Abeima	GE Power & Water, Water & Process Technologies	Pipeco Sdn Bhd
Acme Pump (Asia) Pte Ltd	Geoenvironment Technologies	Pipeline Services Pte Ltd
American Water Works Association	German Water Partnership e. V.	PMPS Liner Technology (S) Pte Ltd
AMEX GmbH	Global Water Intelligence	Porex Filtration
Anhui Qingyang Fangxing Industrial Co., Ltd	GLV/Ovivo Singapore Pte Ltd	Poseidon Inc.
Ann's International Exhibitions Co., Ltd	GMF-GOUDA Singapore Pte Ltd	PRAJ Industries Ltd
ANXON/Pioneer Environmental Technology Pte Ltd	Green Purchasing Asia	Promedia Directories Pte Ltd
Aqua Tec Saraya Co., Ltd.	Grupo Industrial Vicente Canales	PUB - Environment and Water Industry Program Office
Aquatic Informatics	Guizhou Green Environmental Protection Equipment & Engineering C.,Ltd	Purafil, Inc.
Asahi Kasei	H ₂ O/ Megawhat	Pure Technologies Ltd
Ashland (China) Holdings Co. Ltd	H ₂ O Innovation	PWN Technologies
Asian Development Bank	Hach Company c/o Fluke South East Asia Pte Ltd	Qingdao KC Valve Co., Ltd
Asian Water Magazine	Hangzhou Pass Fluid Equipment Co., Ltd	QUA Group LLC
Asoky Singapore Pte Ltd/UIA	Henan Sutront Tech Co., Ltd	Quanzhou Source Membrane Science & Technology Development Co., Ltd Ningbo
ATL Industries Pte Ltd	Hermann Sewerin GmbH	Red Flint Sand and Gravel
AUMA Actuators (Singapore) Pte Ltd	HF Pure Water	RelianZ Engineering Pte Ltd
Australian Water Association	High Commission of Canada	ROPV
Australian Publishing Resource Services Pty Ltd	Hitachi Asia Ltd.	Sakti Suria (JB) Sdn Bhd
AVK Valves Manufacturing Malaysia Sdn Bhd	Horiba Instruments (Singapore) Pte Ltd	Saline Water Conversion Corporation (SWCC)
AWA Instruments Pte Ltd	Huber Technology Asia Pacific Pte Ltd	Sanlixin Solenoid Valve Co., Ltd
Baden-Württemberg International	Hydac Technology Pte Ltd	Schneider Electric Singapore Pte Ltd
Batt Cables	Hydranautics/Nitto Denko (S) Pte Ltd	SEA Rockwell Automation Southeast Asia Pte Ltd
Beijing Hengju Chemical Group Corporation	Hyflux	Sembawang Engineers & Constructors Pte Ltd
Beijing Origin Water Technology Co.,Ltd	IBAK Helmut Hunger GmbH & Co. KG	Sembcorp Industries
Beijing Puresino-Boda Environmental Engineering Co., Ltd.	Idro Technology Pte Ltd	Severn Trent Services
Beijing Scinor Membrane Technology Co. Ltd.	I&C Technology	Shandong Zhangqiu Blower Co., Ltd
Beijing Sinfotek Technology Co., Ltd.	Indian Water Works Association	Shanghai Yarn-Home Filter Co. Ltd
Beijing Tidelion S&I Rainwater Harvesting Technology Co.,Ltd	Inge GmbH	Showa Highpolymers Singapore Pte Ltd
Beijing Tri-High Membrane Technology Co., Ltd	Intech FA Co., Ltd	Siemens Water Technologies Corporation
Binder engineering GmbH	International Desalination Association	Singapore Economic Development Board (EDB)
Biofuel Research Pte Ltd	International Water Summit (IWS)	Singapore Water Association
Black & Veatch	IQPR Sdn Bhd (China IQPR Technology Investment Co. Ltd)	Singapore-Delft Water Alliance (SDWA)
BlueTech Research	ITS Envirochem Pte Ltd	Smart Water Networks Forum
Boerger Pumps Asia Pte Ltd	IWP (Lee Kuan Yew School of Public Policy, Institute of Water Policy)	Spectra-Teknik (S) Pte Ltd
Borouge Pte Ltd	JFE Engineering Corporation	ST Electronics Pte Ltd
Boustead Salcon Water Solutions Pte Ltd	Jiangsu International Environmental Services Co., Ltd.	State of Illinois Far East Office
Boyang (Hong Kong) Technology Development Company	Joint Analytical Systems (S) Pte. Ltd.	Statflo International Ltd
Bright Sheland International Co., Ltd	JTC Corporation	SUEZ ENVIRONNEMENT
British Water	Keppel Corporation	Sunstar Membrane Technology (Xiamen) Co. Ltd
Bureau of Waterworks, Tokyo Metropolitan Government	KITZ Corporation	Sulabh International Social Service Organisation
CDM Smith	Kio Flow Instruments Co., Ltd.	SWAN Analytische Instruments AG
Center Tech Armaturen GmbH	Koch Membrane Systems, Inc.	SysEng (S) Pte Ltd/Tritech
CH2M HILL	Korea Environmental Industry & Technology Institute	Taiwan Grace
Chemical Process Piping Pvt. Ltd.	K-Water	TaKaDu Ltd.
China Desalination Association	Lanxess Pte Ltd	Taylor & Francis Asia Pacific
Chlorine Engineers Co., Ltd.	Linyi Jinmin Water Co., Ltd	Ten Alps Communications Asia
Christiani Wassertechnik GmbH	Liqtech Pte Ltd	Tokyo Keiki Inc.
Chuah Valves Manufacturing Sdn Bhd	Luminutra	Tokyo Suido Services Co., Ltd
City of Fukuoka	MaintStar, Inc.	Tongfang Environment Co., Ltd.
City of KOBE	Mann+Hummel Ultra-Flo Pte Ltd	Toray Industries, Inc.
CPG	Marshall Cavendish Business Information Pte Ltd	Torishima Pump Mfg. Co., Ltd.
CST Industries Singapore Pte Ltd	MEED	Toshiba Corporation
CTP Environment Asia Pacific Pte Ltd	Meiden Singapore Pte Ltd	Toyobo Co., Ltd.
Deeter Electronics Ltd	Membrana Filtration	Triton Water (Singapore) Pte Ltd
DHI Ballast Water Centre	Membrane Instruments and Technology Pte Ltd	Trojan Technologies
DHI Water & Environment (S) Pte Ltd	Membrane Solutions, LLC	Tuffchem Environmental Services Pte Ltd
DNR Process Solutions Pte Ltd	Memstar Technology Ltd	UGL (Singapore) Pte Ltd
Dow Chemical (China) Co.,Ltd	memsys clearwater Pte. Ltd.	Uhrig kanaltechnik GmbH
DR. WHO Laboratories	Metrohm Singapore Pte Ltd	United Engineers Limited
Earth Water Group	Mettler- Toledo (S) Pte Ltd	U.S. Commercial Service
Eastern Trade Media Pte Ltd	Microfilter Co. Ltd	Usetech GmbH
ECO Oxygen Technologies, LLC	Mitsubishi Electric	USHIO INC.
Emerson Process Management Asia Pacific Pte Ltd	Mitsubishi Rayon Co., Ltd.	VAF Filtration Systems
Endress+Hauser (S.E.A.) Pte Ltd	Moya Asia Limited	Veolia Water Solutions & Technologies
Envipure Pte Ltd	Mueller Co International Holdings, LLC	Water & Wastewater Asia
Environment Depot	MWH Consultants (S) Pte Ltd	WaterAUSTRALIA Solutions Limited
Envirostream Solutions Pty Ltd	Nanjing Beite Environmental Protection GE Manufacture Co., Ltd	WaterBiz
Euroflo Pumps International Pte Ltd	Netherlands Water Partnership	WaterChem Pte Ltd
Euwa Singapore Pte Ltd	Netzsch Asia Pacific Pte Ltd	Waterco International Pte Ltd
Federal Screen Products	North Carolina Department of Commerce	Water Environment Federation
Fenghua Xingyu Electron Co., Ltd.	NSF Asia-Pacific Co.,Ltd.	Water Treatment Academy
Festo Pte Ltd	NTU Nanyang Environment & Water Research	Water Today
Flanders Investment & Trade	NUS Environmental Research Institute	Wetec Pte Ltd
Flotech Control Pte Ltd	Ontario Ministry of Economic Development & Trade	Westrade Group Ltd
Fluid Equipment Development Co.	OOSKANews	WOG Group/333 India
Fluidra Group	Optiqua Technologies Pte Ltd	Woongjin Chemical Co., Ltd
For Earth (Singapore) Pte Ltd	Pan Asian Holdings Limited	World Scientific Publishing & Imperial College
Fujian Newland Entech Co., Ltd	Parkson Corporation	World Water Council
Future Cities Laboratory	PennWell Corporation	Xylem Water Solutions Singapore
GDS Instruments Pte Ltd	Pentair Water Asia Pacific Pte Ltd	Yokohama Water Business Forum
		Yokogawa Engineering Asia Pte Ltd
		Yuyao No. 4 Instrument Factory
		Zhejiang Zhengguang Industrial Co., Ltd

BUSINESS FORUMS

Besides networking opportunities, the Business Forums also offer industry leaders an extensive spread of business networking, partnership information and lucrative deal-making opportunities across nine key markets.

BUSINESS FORUM	DATE & VENUE <i>All venues are located at Sands Expo and Convention Centre, Marina Bay Sands</i>	THEME
Americas	3 July 2012, Tuesday, 2.30pm – 5.30pm Level 3, Heliconia 3511	North American and Latin American Water Sector - Meeting Challenges and Leveraging on Opportunities.
Australia	4 July 2012, Wednesday, 9.45am – 12.45pm Basement 2, Expo Hall D	The Australian Water Sector: Seeking Bright Spots on an otherwise Gloomy Horizon
China	4 July 2012, Wednesday, 9.30am – 11.00am Level 3, Heliconia 3411	Water Sustainability and China's Development
Europe	4 July 2012, Wednesday, 2.00pm – 4.00pm Basement 2, Expo Hall D	Sustainable Solutions in the European Water Sector
India	3 July 2012, Tuesday, 2.30pm – 5.30pm Level 3, Heliconia 3411	Indian Water Sector- Infrastructure, Technologies, Investments and Partnerships
Japan	4 July 2012, Wednesday, 2.00pm – 5.00pm Level 3, Heliconia 3411	Water Supply and Sewerage Maintenance Business and International Cooperation
Korea (NEW!)	3 July 2012, Wednesday, 9.30am – 12.30pm Level 3, Heliconia 3511	Green Solutions for Sustainable Cities & Rivers - Emerging Trends and Policy Changes in the Korean Water Market
Middle East & North Africa	3 July 2012, Tuesday, 2.30pm – 5.35pm Basement 2, Expo Hall D	Water Solutions for Cities in the MENA Region
Southeast Asia	3 July 2012, Tuesday, 4.30pm – 5.30pm Level 3, Begonia 3011	Inaugural networking session for utilities and companies looking to venture into the Southeast Asia market



TECHXCHANGE WORKSHOP (BY-INVITATION ONLY)

1 JULY 2012

The TechXchange Workshop is the platform for technology owners, venture capitalists and investors to come together to exchange the latest R&D trends and investment directions in the water industry. Savvy investors, angel investors and venture capitalists can look out for exciting business pitches, targeted matchmaking and insightful panel discussions at the Workshop as well as the opportunity to review and explore new technologies and prototype displays at the Water Innovations@SIWW.

The full-day programme features:

- **Technology Panels:** Introducing 12 leading-edge water start-up companies focused on:
 - + Urban Water Solutions
 - + Next Generation Sensors
 - + Energy-Water-Waste Nexus
- **Business Pitching Session:** Showcasing up-and-coming water start-ups
- **Prototype Showcase:** Six new technologies will be showcased at the Water Innovations@SIWW booth within the Water Expo.
- **Investment and Commercialisation Discussion Panels:** Notable angel investors and venture capitalists will discuss the following topics:
 - + Re-inventing Water: Current and Future Trends in Water and Wastewater Technologies
 - + How Do You Grow a Successful Water Technology Business?

This is a key event for innovators and investors around the world to meet and explore opportunities for the commercialization of promising technologies.

For more information, please contact Mr Soh Yeow Chong at SOH_Yeow_Chong@pub.gov.sg

TechXchange Workshop participating companies:

ABSMaterials (USA)
AMDS (USA)
APTwater (USA)
Aquaporin Asia (Singapore)
BiAqua (Netherlands)
Bilexys (Australia)
Capilix (Netherlands)
Diffusaire (Israel)
Fluigen (Singapore)
Hydrovision Asia (Singapore)
Hydrovolts (USA)
MaxWest Environmental Systems (USA)
memsys clearwater (Singapore)
MINT (Singapore)
Nanomem Technologies (Singapore)
Nanothree (Singapore)
Natflow (Singapore)
New Sky Energy (USA)
Optiqua (Singapore)
Visenti (Singapore)
Water Optics Technology (Singapore)
ZWEEC Analytics (Singapore)



INDUSTRIAL WATER SOLUTIONS FORUM

3 JULY 2012

Themed 'Towards Water Sustainability in the Industrial Sectors', the inaugural Industrial Water Solutions Forum offers a global view on the key water challenges facing the industrial sectors and how solutions can turn them into opportunities.

Participants can expect an intensive exchange on the risks and challenges for industrial water users and opportunities for current water solutions providers in industrial water management. Participants can expect to:

- **Analyse** the global industrial-sector water market;
- **Understand** the challenges in water management from the movers and shakers in the industrial sectors and how this could create opportunities for your business;
- **Discover** innovative solutions to water management in the industrial sectors to secure business sustainability;
- **Network** with who's who in the industrial sectors and the water industry.

Join speakers from Water Standard, Global Water Intelligence, Shell, Fortescue Metal Group, Nestle, DuPont, CH2M HILL, Hyflux, Siemens, Xylem and Veolia Water, as they discuss water challenges and solutions on industrial sectors such as oil & gas, mining, F&B and chemical industries.

'As our world's water supply is further stressed by global population growth, it is imperative that industry find sustainable solutions to meet their water demands. The economic prosperity of our planet depends on water just as critically as our human health and welfare does. I'm excited to lead some of our industrial giants on a discussion of finding these solutions.'

*Lisa Henthorne
Industrial Water Solutions
Forum Chairperson
& Senior VP,
Chief Technology Officer
Water Standard*

SITE VISITS



SITE VISIT 1: MARINA BAY – AN ATTRACTIVE & SUSTAINABLE PRECINCT

Envisioned as a vibrant 24/7, environmentally-friendly mixed-use precinct where people live, work and play, the Master Plan for Marina Bay focuses on encouraging a mix of uses to ensure the area remains vibrant round the clock. This sustainable integrated live-work-play concept reduces travel distances and brings greater convenience to residents and workers. Making all these possible is the Marina Reservoir, a freshwater lake that forms the centerpiece of the Marina Bayfront's necklace of attractions, creating a vibrant and distinctive water piazza right in the heart of the city. Water activities and competitions like dragon-boating and kayaking, as well as major international events such as the Youth Olympic Games and the F1 Grand Prix have been successfully held against the stunning backdrop of the new waterscape.

SITES INCLUDE:

- *Marina Bay City Gallery*
- *Marina Barrage*
- *Gardens by the Bay*

SITE VISIT 2: SUSTAINABLE URBAN WATER SOLUTIONS

Visitors will be introduced to Singapore's Deep tunnel Sewerage System (DTSS), a superhighway for used water. The heart of the DTSS is the Changi Water Reclamation Plant (CWRP), the largest water reclamation plant in the region. Visitors will also see how NEWater, Singapore's own brand of high-grade reclaimed water is produced at the SembCorp NEWater Plant, located on the rooftop of the CWRP as well as the locally developed membrane integrity sensor at Bedok NEWater Factory.

SITES INCLUDE:

- *Changi Water Reclamation Plant*
- *SembCorp NEWater Plant*
- *MINT's membrane integrity sensor*

SITE VISIT 3: ADVANCING WITH MEMBRANE TECHNOLOGY

Visitors will be brought to Singapore's first membrane water treatment plant at Chestnut Avenue Waterworks and Singapore's first desalination plant at SingSpring Desalination Plant.

SITES INCLUDE:

- *Chestnut Avenue Waterworks*
- *SingSpring Desalination Plant*

SITE VISIT 4: BRINGING PEOPLE CLOSER TO WATER

Introduced in 2006, the Active, Beautiful, Clean Waters (ABC Waters) Programme is a long-term initiative to transform Singapore's drains, canals and reservoirs into vibrant, clean and aesthetically-pleasing streams, rivers and lakes. Part of PUB's strategic objective to bring Singaporeans closer to water so that they can better appreciate and cherish this precious resource, it creates new community focal points and recreational spaces for people to enjoy.

SITES INCLUDE:

- *MacRitchie Reservoir*
- *Kallang River@Bishan-Ang Mo Kio Park*
- *Alexandra Canal*

Date : 1st run : 1 July 2012 (Sunday)
2nd run : 5 July 2012 (Thursday)
Time : 9.00am – 1.00pm
Tickets : S\$50 per tour
Transport: 2-way transportation will be provided and coaches will depart promptly at 9am sharp from Sands Expo and Convention Center, Marina Bay Sands.

CO-LOCATED EVENTS

This year's Singapore International Water Week promises to be a bustling affair, with more than 100 co-located events organised by partners such as International Water Association, International Desalination Association and Global Water Intelligence. Participants will have plenty of opportunities to tap on a vast network of public and private sector players in urban solutions during a variety of programmes and events.

Visit www.siwww.com.sg/colocated2012-meetings for the latest schedule of co-located events.

YOUTH@SIWW

Youth@SIWW aims to connect the youths with what's happening in the water industry. Its dynamic nature offers a new perspective on opportunities in the water industry. Each edition offers a unique learning experience, so come join us and network with the next wave of water professionals.

Highlights of Youth@SIWW include:

- *Singapore International Water Festival*
- *National Environment Quiz*
- *Young Water Talents Symposium*
- *Networking Reception for Singapore Junior Water Prize / Sembcorp Water Technology Prize*
- *National Research Foundation Environment and Water Technology PhD Scholarship Recruitment Talk*
- *Water Showcases*
- *Education Day @ SIWW*

Visit our micro site at www.siwww.com.sg/youth for more details.

NETWORKING EVENTS

As the global platform for sharing and co-creation of innovative water solutions, Singapore International Water Week continues to deliver exceptional networking opportunities and experiences like no other. Connect with the who's who of the water industry as well as players in integrated urban solutions at unique networking events.

GOLF CLASSIC

Venue: Singapore Island Country Club

Date: Sunday, 1 July 2012

Time: 9.00am - 2.00pm

Admission: S\$350

OPENING CEREMONY & WELCOME RECEPTION

Venue: Sands Expo & Convention Center Hall C @ Level 1, Marina Bay Sands.

Date: Sunday, 1 July 2012

Time: 6.00pm – 9.00pm

Admission: Water Leaders Summit and Water Convention delegates enjoy complimentary access.

LEE KUAN YEW PRIZE AWARD CEREMONY & BANQUET

Venue: Sands and Expo Convention Center, Grand Ballroom @ Level 5, Marina Bay Sands

Date: Monday, 2 July 2012

Time: 6.30pm - 10.00pm

Admission: S\$500 per person. Enjoy 10% off for corporate reservations of 10 tickets. Contact info@siwww.com.sg for corporate bookings.

CLOSING DINNER

Venue: Gardens by the Bay, Flower Dome

Date: Wednesday, 4 July 2012

Time: 6.00pm - 9.00pm

Admission: Water Leaders Summit and Water Convention delegates enjoy complimentary access.

SPONSORS AND PARTNERS

Lee Kuan Yew Water Prize Sponsor:



Founding Sponsors:



Strategic Partners:



Gold Sponsor:



Corporate Sponsor:



Supporting Organisations:



Organised by Singapore International Water Week Pte Ltd, a company set up by Singapore's Ministry of the Environment and Water Resources and PUB, Singapore's national water agency.



Event Organiser:



Endorsed By:



Held In:



Held In Conjunction with:



Section I - Personal Details

☐ Mr ☐ Mrs ☐ Ms ☐ Dr ☐ Other First Name _____ Last Name _____
 Organisation _____ Job Title _____
 Address _____
 Postal Code _____ Country _____
 Telephone (Office) _____ (Mobile) _____ Fax _____
 Email _____ Name on Badge _____

Section II - Participating Details (Your Primary Area(s) of Interest:)

Please indicate if you are interested in attending the following:

<input type="checkbox"/> World Cities Summit	<input type="checkbox"/> WasteMet Asia
<input type="checkbox"/> Catchment Management	<input type="checkbox"/> Climate Change and Flood Control
<input type="checkbox"/> Desalination	<input type="checkbox"/> Consultancy and Engineering Services
<input type="checkbox"/> Disposal and Recycling	<input type="checkbox"/> Energy and Water-Saving Devices
<input type="checkbox"/> Equipment / Control System / Instrumentation	<input type="checkbox"/> Infrastructure
<input type="checkbox"/> Point of Use	<input type="checkbox"/> Pumps and Process Systems
<input type="checkbox"/> Sanitation / Cleaning	<input type="checkbox"/> Sludge Handling and Treatment
<input type="checkbox"/> Water Distribution	<input type="checkbox"/> Water Treatment / Reuse
<input type="checkbox"/> Wastewater Collection / Treatment	
<input type="checkbox"/> Other Products and services for the water industry, please specify: _____	

Purpose of Visit

☐ Evaluate Show for Future Participation ☐ Gather Information ☐ Look for Agency
☐ Source for Products ☐ Visit Exhibitors / Suppliers ☐ Others, please specify: _____

What is your job function?

<input type="checkbox"/> Administration	<input type="checkbox"/> Architecture	<input type="checkbox"/> Business Development
<input type="checkbox"/> Consultant	<input type="checkbox"/> Contracting / Procurement	<input type="checkbox"/> Engineer
<input type="checkbox"/> Government Official	<input type="checkbox"/> Legal	<input type="checkbox"/> Management (CEO / Director / Managing Director)
<input type="checkbox"/> Manufacturer	<input type="checkbox"/> Operation / Maintenance	<input type="checkbox"/> Policy-maker
<input type="checkbox"/> Production	<input type="checkbox"/> Purchasing	<input type="checkbox"/> Research & Development
<input type="checkbox"/> Regulator	<input type="checkbox"/> Sales & Marketing	<input type="checkbox"/> Urban Planner
<input type="checkbox"/> Water Operator	<input type="checkbox"/> Others, please specify: _____	

What is your organisation's main activity?

<input type="checkbox"/> Aeration and Gasification	<input type="checkbox"/> Agriculture / Aquaculture	<input type="checkbox"/> Building Construction
<input type="checkbox"/> Building Services	<input type="checkbox"/> Chemical / Petrochemical	<input type="checkbox"/> Consultancy
<input type="checkbox"/> Eco-Systems	<input type="checkbox"/> Education	<input type="checkbox"/> Energy
<input type="checkbox"/> Engineering	<input type="checkbox"/> Environmental / Climate Change	<input type="checkbox"/> Food Production
<input type="checkbox"/> Government	<input type="checkbox"/> Manufacturing	<input type="checkbox"/> Oil & Gas
<input type="checkbox"/> Property Development	<input type="checkbox"/> Sanitation	<input type="checkbox"/> Trade Association
<input type="checkbox"/> Trading	<input type="checkbox"/> Utility	<input type="checkbox"/> Others, please specify: _____

Do you make the purchasing decision in your organisation?

☐ Yes ☐ No ☐ Recommended Only
 Do you make the purchasing decision in your organisation?
☐ Less than USD100,000 ☐ USD100,000 – USD300,000 ☐ More than USD300,000 – USD500,000
☐ More than USD 500,000 – USD1,000,000 ☐ More than USD1,000,000, please specify amount: USD _____

Please indicate the Business Forum you will be attending:

<input type="checkbox"/> Americas	<input type="checkbox"/> Australia	<input type="checkbox"/> China	<input type="checkbox"/> Europe	<input type="checkbox"/> India
<input type="checkbox"/> Japan	<input type="checkbox"/> Korea	<input type="checkbox"/> Middle East & North Africa	<input type="checkbox"/> Southeast Asia	

How do you know about the event:

☐ Associates / Colleagues ☐ eNewsletter ☐ Advertisement / Newspaper
☐ Direct Mail ☐ Exhibitors / Suppliers ☐ SIWW Website
☐ Other Website(s), please specify: _____ ☐ Trade Magazine(s), please specify: _____

Organised by Singapore International Water Week Pte Ltd

A company set up by Singapore's Ministry of the Environment & Water Resources and PUB, Singapore's National Water Agency Event organiser: Experia Events Pte Ltd

Disclaimer: The organisers have the right to refuse admission for non-compliance. All visitors must be in business attire.

No shorts, bermudas and slippers are allowed. By registering with us, you agree to receive marketing materials from Singapore International Water Week.

REGISTRATION FORM

CONFERENCE FEE

FULL RATES (FROM 1 MAY 2012)		TICK
FULL CONFERENCE FEES		
Non-Member	\$1,400	
Member of Other Partners, SAG & IAG	\$1,260	
Strategic Partners	\$1,120	
Selected Podium/Poster Presenters	\$980	
Delegates from Low Income Countries	\$700	
Onsite registration only (after 25 June 2012)	\$1,400	
DAY PASS		
1 JULY 2012 []	\$100	
3 JULY 2012 [] 4 JULY 2012 []		
Non-Member	\$600	
Member of Other Partners, SAG & IAG	\$540	
Strategic Partners	\$480	

- Strategic Partners refers to staff and members of SIWW Strategic Partners (IDA, IWA, LKY SPP, SWA, ADB, World Bank)
- Other partner refers to staff and members of SIWW Supporting Organisations, Singapore and International Advisory Groups as listed on www.siww.com.sg
- Countries eligible for Low Income rate refers to countries classified in the Low-Middle and Low Income Countries as indicated on www.worldbank.org
- The registration fee for Water Convention Full Package includes entrance to the Water Convention sessions, Water Convention Hot Issues Workshops, Opening Ceremony & Welcome Reception, Closing Dinner, Lunches and Tea-breaks.
- The registration fee for Water Convention Day Pass on 3 and 4 July includes the entrance to the Water Convention sessions, Lunch and Tea-breaks.
- Day Pass Holders will need to make additional purchases for the various Networking Events.
- All Water Convention passes include entrance to Water Expo, World Cities Summit Expo and WasteMET Asia Expo.
- All delegates are to register on-site after 25 June 2012. Proof of Association Membership is required to enjoy preferred rates.
- If you require an invitation letter for VISA application, please email us at waterconvention@siww.com.sg
- Registration fees must be settled in full prior to event commencement.
- There will be no refunds for cancellations but replacements will be allowed after payment.
- All prices are quoted in Singapore Dollars. Additional 7% Goods and Services Tax will be applicable for all Singapore delegates.

NETWORKING EVENTS

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

	DATE	FEE	DELEGATE ATTENDANCE		ADDITIONAL TICKET(S)
			YES	NO	
Golf Classic (Singapore Island Country Club) Handicap []	1 July 2012 (Morning)	\$350			
Opening Ceremony & Welcome Reception	1 July 2012 (Evening)	\$150			
Lee Kuan Yew Prize Award Ceremony & Banquet	2 July 2012 (Evening)	\$500			
Closing Dinner	4 July 2012 (Evening)	\$150			

If you are interested to purchase a table for 10 persons, please contact the organiser at info@siww.com.sg

SITE VISITS

Four tours are conducted each day on 1 and 5 July from 9am to 1pm. Delegates are advised to choose only ONE tour per day as the tours are conducted concurrently. Limited seats available on a first-come-first-served basis.

TICK	Tour 1	Tour 2	Tour 3	Tour 4
1 JULY - \$50 / TOUR				
5 JULY - \$50 / TOUR				

Tour 1: Marina Bay – An Attractive & Sustainable Precinct
(Marina Bay City Gallery, Marina Barrage, Gardens by the Bay)

Tour 2: Sustainable Urban Water Solutions
(Changi Water Reclamation Plant, SembCorp NEWater Plant, MINT's membrane integrity sensor)

Tour 3: Advancing with Membrane Technology
(Chestnut Waterworks, SingSpring Desalination Plant)

Tour 4: Bringing People Closer to Water
(MacRitchie Reservoir, Kallang River-Bishan Park, Alexandra Canal)

Please visit www.siww.com.sg for more details.

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)

NETWORKING EVENTS REGISTRATION INFO (ADDITIONAL TICKETS)

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 "Experia Events Pte Ltd"

☐ Bank Transfer / Telegraphic transfer
 Beneficiary : Experia Events Pte Ltd
 Bank Name : United Overseas Bank Limited, Raffles Place Branch
 Bank Address : 80 Raffles Place, UOB Plaza 1, Singapore 048624
 Account No. : 301-301-618-4
 Swift code : UOVBSGSG Branch code: 7375 Branch code : 001

☐ Please debit my Visa / Mastercard for the amount of **SGD** _____

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
 Tel: +65 6595 6147 Fax: +65 6542 8683 Email: waterconvention@siww.com.sg
 Website: www.siww.com.sg

PROGRAMME OVERVIEW (INFORMATION ACCURATE AS OF 21 MAY 2012)

	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	18:00	18:30 – 21:00	22:00						
1 Jul Sun	WCS Mayors Forum 2012 (By Invitation Only)																		Opening Ceremony & Welcome Reception (Guest of Honour: Mr Lee Hsien Loong, Prime Minister, Singapore)							
	Golf Classic																									
	SIWW & WCS Site Visit																									
	Water Convention Hot Issues Workshop 1 Intergrated Infrastructure Planning For Cities of the Future				Ministerial Lunch (By Invitation Only)				Water Convention Hot Issues Workshop 3 Rethinking the three Rs of Wastewater – Recoverable Resources and Reusable Water																	
									Water Convention Hot Issues Workshop 4 Water Management for Dengue Control																	
Water Convention Hot Issues Workshop 2 Application of Technologies in Developing Countries										Water Convention Hot Issues Workshop 5 Water Treatment and Management for Industries																
TechXchange Workshop (By Invitation Only)																										
2 Jul Mon	World Cities Summit Expo, WasteMET Asia Expo & Water Expo																		Lee Kuan Yew Prize Award Ceremony & Banquet (Guest of Honour: Mr Teo Chee Hean, Deputy Prime Minister, Singapore)							
	In-Conversation				Tea Break				Opening Plenary: Sustainable Development – Our Cities, Water and Environment				Lunch				Lee Kuan Yew World City & Water Prize Lecture				Tea Break		Water Convention Poster Presentation			
													Clean Environment Leaders Summit													
	World Cities Summit Expo, WasteMET Asia Expo & Water Expo																									
	World Cities Summit Keynote Plenary, In-Focus Forums, Flagship Urban Solutions Tracks, Closing Plenary																									
	CleanEnviro Summit Singapore Regulators Roundtable, WasteMET Asia-ISWA Beacon Conference, Business Exchange Sessions, Industry Dinner																									
3 Jul Tue	Water Leaders Round Table				Tea Break				Water Leaders Summit Parallel Workshops Session A: 'Cutting Edge Water Technologies For Sustainable Cities' Session B: 'Unlocking Innovation- Advancing the Water Industry through Portfolio Planning, Policies & Project Deliver'				Water Leaders Closing Session				Lunch				Americas Business Forum				Southeast Asia Business Forum	
	World Cities Summit Expo, WasteMET Asia Expo & Water Expo																									
4 Jul Wed	WasteMET Asia-ISWA Beacon Conference, Business Exchange Sessions, Site Visits																		Closing Dinner							
	Water Convention Parallel Tracks		Tea Break		Water Convention Parallel Tracks				Water Convention Parallel Tracks				Tea Break		Water Convention Parallel Tracks											
					Australia Business Forum				Lunch				Water Convention Parallel Tracks				Tea Break				Water Convention Parallel Tracks					
					China Business Forum								Europe Business Forum				Japan Business Forum									
					Korea Business Forum								WCS Site Visits													
5 Jul Thu	SIWW Site Visits																									

- Joint Programme
- Singapore International Water Week (SIWW)
- World Cities Summit (WCS)
- CleanEnviro Summit Singapore (CESS)
- WasteMET Asia (WMA)

TRAVEL INFORMATION

Visa Requirements

Most visitors to Singapore do not require visas.

To check if you need to apply for a visa to enter Singapore, please visit www.ica.gov.sg

Hotel Accommodation

Singapore offers a wide range of accommodation for all budgets. Preferred rates have been secured for participants of Singapore International Water Week. Please view the list of hotels at www.siww.com.sg

You Have Been Invited by :

(For use by exhibitors)

See us at booth no. ()

For enquiries on Singapore International Water Week, please contact:

Maurice Neo

Managing Director
Singapore International Water Week
40 Scotts Road #22-01
Singapore 228231

T +65 6731 3191
F +65 6731 3055
E info@siww.com.sg

For enquiries on Water Expo and Sponsorship Opportunities, please contact:

Singapore International Water Week
Singapore Changi Airport Terminal 2
Level 3, #038-017
Singapore 819643

T +65 6542 8660
M +65 9736 6864
F +65 6542 8683 / 6546 6062
E info@siww.com.sg