

**Order Before December 30th
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booking price \$1000/£575**

Desalination Short School

26th February 2012

Courtyard Marriott Hotel, Phoenix West / Avondale



Courtesy of Hyflux Ltd

Global Water Intelligence, is pleased to announce a 1 day training course tailored to the interests and needs of senior technical staff in the desalination sector, particularly:

- **Contractors**
- **Consultants**
- **Offtakers**
- **Water utilities**
- **Suppliers**
- **O&M personnel**
- **Researchers**

The course will be jointly conducted by



Tom Pankratz
Editor of *Water Desalination Report*



John Tonner
COO of Consolidated Water

Course Highlights

New and practical course content - Our unique case study approach puts issues into context from project conception, right through to operation.

First-hand project insight - Our course instructors have been directly involved in many of the case study projects, so understand the problems from the inside.

Discussion opportunities - We enable you to exchange troubleshooting knowledge and skills by sharing experiences during the Q&A sessions, plus an open panel discussion at the end of the course.

Coverage of key regions - Our case studies have been taken from Asia Pacific, Middle East, Europe and the Americas, allowing you to compare and understand the different issues each region faces.

Desalination market profile - The course materials include a presentation from Christopher Gasson, publisher of *Global Water Intelligence* on the current state of the Global Desalination Market.

Organised by:



Combine your trip with the AWWA/AMTA 2012 Membrane Technology conference and exposition, 27th February to March 1st, Phoenix.

Desalination Short School Schedule

Course Details

A total of 13 case studies spanning 4 regional desalination markets will be discussed in detail, each featured case study will include information on:

* An Overview of the plant history:

- The reasons for the plant's construction and any unusual offtaker requirement(s)
- How the project delivery method was decided
- The financing method
- The details of the Water Purchase Agreement (if applicable)

* Feasibility/pilot studies involved:

- The design specifications of the plant and the details of how the 'preferred' plant design was eventually 'determined'
- The environmental concerns associated with the plant location e.g. intake and outfall etc

* Details of unique plant features:

Discussion of the following:

- Cutting edge technologies employed to increase operational efficiencies
- Integration of new components into an existing facility (if applicable)
- Equipment for specific purposes procured from particular supplier(s)

* Commissioning/testing issues

- Analysis of problems/unexpected scenarios encountered (e.g. equipment failure, product water quality worse than expected)

* Problems/issues faced since completion:

- Inappropriate choice of components/equipment
- Plant performance
- O&M issues.

Sunday 26th February	
09.00-09.30	Welcome, introduction and definitions
ASIA PACIFIC	
9:30-10:15	THE AUSTRALIAN EXPERIENCE <ul style="list-style-type: none"> • Perth • Gold Coast • Sydney Q&A
10:15-11:00	THE INDIAN EXPERIENCE <ul style="list-style-type: none"> • Minjur, Chennai • Reliance Jamnagar Refinery, Gujarat
11:00-11:15	COFFEE BREAK
11:15-12:00	SINGAPORE <ul style="list-style-type: none"> • Tuas I
MIDDLE EAST	
12:00-12:45	THE ISRAELI EXPERIENCE <ul style="list-style-type: none"> • Ashkelon • Hadera • Palmachim
12:45- 14:00	LUNCH
14:00- 14:45	UNITED ARAB EMIRATES (UAE) <ul style="list-style-type: none"> • Fujairah 1&2
EUROPE	
14:45-15:30	UNITED KINGDOM <ul style="list-style-type: none"> • Beckton
15:30	COFFEE BREAK
THE AMERICAS	
15:30-16:15	ARUBA <ul style="list-style-type: none"> • W.E.B Aruba
16:15-17:00	UNITED STATES <ul style="list-style-type: none"> • Tampa Bay, Florida
17:00-18:00	OPEN PANEL DISCUSSION ON DESALINATION
18.00	Course close





Information on the instructors:

Tom Pankratz

Tom Pankratz is an independent desalination consultant and editor of *Water Desalination Report*, a weekly publication covering the desalination, membrane and water reuse industries. He has been involved in the water industry since the late 1970s and has participated in some of the world's largest and most technically advanced desalination projects. He was a director of corporate projects with USFilter/Veolia and a Vice President with CH2M Hill. He is a member of the International Desalination Association board of directors, the Middle East Desalination Research Center's advisory council, the WHO desalination technology committee, the AWWA Desalting Committee, and a past member of the National Academy of Sciences desalination roadmap review committee. He studied Environmental Engineering at the University of Houston and has written several books including *The Screening Equipment Handbook*, "*desalination.com*" and the *Dictionary of Environmental Engineering*.



John Tonner

John Tonner is COO of Consolidated Water, holds an honors degree in Mechanical Engineering and has worked in the desalination industry since 1985 with experience in the design, manufacture and operation of membrane and thermal processes. Widely known for his work related to thermal processes, he also has 25+ years of experience with reverse osmosis and membrane technology that includes patenting RO energy recovery techniques. As a partner in a leading desalination consultancy, he has provided advisory services and due diligence oversight services for some of the largest desalination projects in the world. John has lectured extensively on all aspects of desalination, and is a former director of the International Desalination Association.

Information on the organisers:

Global Water Intelligence (GWI)

Global Water Intelligence is a publishing firm that focuses on developments in the worldwide water industry. It has been producing market-leading analysis of the international water industry since 2002. The company prides itself on providing must-have information to the water sector and has forged relationships with key players in the industry.



Courtyard by Marriott Phoenix West / Avondale

1650 N. 95th Lane Phoenix, Arizona 85037 Phone 623.271.7660
Fax 623.271.7680

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BOOKING FORM

I would like to register _____ delegate(s) for the **Desalination Short School 2011** (registration fee includes documentation, lunch and refreshments over the span of the course). At the early bird discount price of **\$1,000/£575 per delegate**. Price after 23rd December 2011 - \$1,200/£690.

Title _____

Name _____

Job Title _____

Company name _____

Address _____

Zipcode/Postcode _____

Email _____

Telephone _____

Refund policy in case of cancellation:

Before 31st January: 50% refund

After 31st January: No refund

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Media Analytics Ltd.
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Email: mr@globalwaterintel.com**

**For any queries about the course contents,
please contact Max Richardson at
mr@globalwaterintel.com**

Organised by:

