

12th SWA-APDA Joint Conference

Theme: Leading Edge Technology on
Desalination and Water Reuse
- From Asia-Pacific to The World -

11th July 2018

Supported by:



Jointly organized by:



亚洲和太平洋地区脱盐协会
Asia-Pacific Desalination Association

<SWA-APDA Joint Conference & APDA Board Meeting>

Asia-Pacific Desalination Association (APDA) is a branch of International Desalination Association (IDA) in Asia-Pacific region. It consists of executive member organizations such as Australian Water Association (AWA), Japan Desalination Association (JDA), Indian Desalination Association (InDA), Korea Desalination Plant Association (KDPA), Pakistan Desalination Association (PakDA), Membrane Industry Association of China (MIAC) and Singapore Water Association (SWA) and Chinese Taipei. To strengthen the communication with other desalination associations and provide more technology & industrial information for members, the ADPA Joint Conference has been held annually in China, Australia, India, Singapore, Japan & Korea since 2008. This year, SWA-APDA Joint Conference is going to be held at Singapore during the week of SIWW. PUB works as supporting organization for the conference.

• Co- Chairman:

Mr. Tan Cheng Guan / President of SWA

Dr. Masaru Kurihara / President of APDA

• Co- Secretariats:

Mr. You Jin De / MIAC

Dr. CHIU Kuang-ping / SWA

1. Time & Venue:

1) SWA-APDA Joint Conference: July 11 2018, 13:00-16:35

Venue: Cassia 3205, level 3, Marina Bay Sands

2) APDA Board Meeting: July 11, 2018, 16:50-17:50

Venue: Begonia Junior 3012, level 3, Marina Bay Sands

2. Program:

Time	Program	Remark
13:00-13:05 (5')	Opening Tan Cheng Guan (President, SWA)	Moderator :
13:05-13:10 (5')	Welcoming remark Masaru Kurihara (President, APDA)	
	Session 1: Emerging technologies Based on State-Sponsored R&D	Chairs : Masaru Kurihara CHIU Kuang-ping
	Presentation 1: Singapore's Desalination Technology Roadmap	Gurdev Singh (Dr., Senior Assistant Director, PUB)
13:10-14:30 (80')	Presentation 2: The present and policy of seawater desalination in China	Xie Chungang (Dr., Institute of Seawater Desalination & Multipurpose Utilization (ISDMU))
	Presentation 3: Further Progress of "Mega-ton Water System"	Masaru Kurihara (Dr., Fellow, Toray Industries., Inc.) Hideaki Kurokawa (Ph.D. Senior Chief Engineer, Hitachi Ltd.)
	Presentation 4: Pressure-assisted Forward Osmosis (PAFO)- Reverse Osmosis (RO) Hybrid Process: Steps toward Commercial Reality	In S. Kim (Prof., Gwangju Institute of Science and Technology)
14:30-14:50 (20')	Coffee Break	
	Session 2: Emerging technologies in industry	Chairs : In S. Kim Chiu Kuang-Ping
	Presentation 5: RO Industry in China: present and future	Jin Yan (Dr., General Manager, Vontron)
14:50-16:10 (80')	Presentation 6: Hollow Fiber FO membrane and its applications	Hidehiko Sakurai (Deputy Director, Toyobo Co., Ltd.)
	Presentation 7: Challenges in Designing of Desalinating Plant with Dual Intakes for Energy Efficiently	Chiu Kuang-Ping (Dr., Executive Director, AECOM Singapore)
	Presentation 8: Solutions for Challenging Mining Applications	Mr.Hiep Le (Innovation and Technology Manager, Osmoflo)
16:10-16:30 (20')	Panel discussion	
16:30-16:35 (5')	Closing	Masaru Kurihara