

**Our Water Resources**  
Manage • Safeguard • Conserve

**Hurry Up!!**  
Registration Now Open!

Co-Organised by :



# Borneo Water & Wastewater Exhibition 2015

**BEM Approved**  
CPD Hours Accredited

2<sup>nd</sup> Announcement

Borneo Convention Centre Kuching • Sarawak  
14 - 16 December 2015

Held in conjunction with  
**28<sup>th</sup> Annual Meeting of JTJAD 2015**

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In cognizance of the need to adopt an integrated long term approach in planning and utilizing our water resources, managing wastewater or used water and the conservation of our environment as well as ensuring its sustainability, we have chosen to take on the theme: **"Our Water Resources : Manage, Safeguard, Conserve"** for the Conference.

**BWWE 2015** is jointly organised by **MWA & District Water Engineers Committee (or JTJAD)**. It will also be held in conjunction with the **28<sup>th</sup> JTJAD Annual Meeting 2015**. The **BWWE-JTJAD Conference** is set to create greater awareness and to bring this all important subject of Water Resources to the highest level as a National Agenda for urgent action. The scientific and technical programmes will focus on finding solutions that will balance the already stressed water supply with increasing demand, innovative and sustainable partnerships in financing and managing water and wastewater, keeping abreast with the latest technologies in drinking water, wastewater, protecting our eco-systems and water catchments, coping with climate change and sustaining water resources.

### ORGANISING COMMITTEE MEMBERS

#### Advisor:

**Tn. Hj. Ubaidillah bin Haji Abdul Latip**  
Permanent Secretary, Ministry of  
Public Utilities Sarawak

#### Joint Chairmen:

Kuching Water Board,  
and JTJAD Sarawak

#### Members:

Ministry of Public Utilities Sarawak,  
JKR Sarawak, Sibul Water Board, LAKU,  
Jabatan Bekalan Air Luar Bandar Sarawak,  
Sewerage Services Department Sarawak,  
The Malaysian Water Association.

### SOME CONFERENCE SPEAKERS



**Keynote 1:**  
**Water Resources in Sarawak**  
– Issues & Challenges  
**Tn. Hj. Ubaidillah bin Haji Abdul Latip**  
Permanent Secretary  
Ministry of Public Utilities, Sarawak



**Keynote 2:**  
**Holistic Management of**  
**Water Resources in Malaysia**  
**Ir. Hj. Noor Azahari Zainal Abidin**  
Director General of  
Water Supply Department, KETTHA



**Keynote 3:**  
**Key Challenges in Taking the**  
**Water Demand Management Forward**  
– The Malaysian & Sarawak Context  
**Tan Sri Ir. Syed Muhammad Shahabudin**  
Chairman of SMHB Sdn Bhd  
Fellow Academy of Science Malaysia



**Keynote 4:**  
**Climate Adaptation & Resilience**  
**Ms. Mai Flor**  
Executive Director  
WaterLinks Management Council,  
WaterLinks, Philippines



**Climate Change & Management**  
**for Sustainable Water Resources**  
**Ir. Dr. Salmah Zakaria**  
Fellow Academy of Science Malaysia  
Former Director General of NAHRIM



**Water Centric Sustainable Development**  
**Dr. Norhayati Abdullah**  
Chair of IWA Young Water Professionals  
Steering Committee, Research Manager of UTM



**Kuala Lumpur River of Life**  
– Benefiting from the Revitalization  
**Mr. Scott Dunn**  
Vice President of AECOM



**Ronau Earthquakes**  
– Lesson Learned and Way Forward  
**Ir. Teo Chee Kong**  
Chairman of District Water  
Engineers Committee (JTJAD)



**Water Resources**  
**Management in Vietnam**  
**Dr. Nguyen Tuong Van**  
Executive Director, SEAWUN



**Raw Water Transfer from Dongjiang,**  
**Guangdong to Hong Kong**  
**Ms. Carman KM Lam**  
Engineer  
Hong Kong Water Supplies Department



**Sewerage Infrastructure**  
**Development in Sarawak**  
**Ir. Lau Hiang Ung**  
Director of Sewerage Services  
Department Sarawak



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## PROGRAMME AT A GLANCE

TIME	DAY 1 MONDAY 14 <sup>TH</sup> DECEMBER 2015
0800am – 0900am	Registration
0900am – 0930am	<b>Keynote 1: Water Resources in Sarawak – Issues &amp; Challenges</b> - by <i>Tn. Hj. Ubaidillah bin Haji Abdul Latip, Permanent Secretary, Ministry of Public Utilities, Sarawak</i>
0930am – 1045am	<b>Session 1: Sustainable Water Resources Management</b> 1. <i>Climate Change &amp; Management for Sustainable Water Resources</i> - by <i>Ir. Dr. Salmah Zakaria, Fellow Academy of Science Malaysia</i> 2. <i>Applying Lean Techniques in Managing Water Resources in Selangor River Basin</i> - by <i>Ir. Hj. Mohamad Asari Daud, MWA</i> 3. <i>Water Centric Sustainable Development</i> - by <i>Dr. Norhayati Abdullah, Universiti Teknologi Malaysia</i>
1045am – 1115am	Coffee Break
1115am – 1200pm	<b>Opening Ceremony / Exhibition by YB. Datuk Amar Awang Tengah Ali Hassan, Minister of Public Utilities Sarawak</b>
1200pm – 0200pm	Tour of Booth & Lunch
0200pm – 0230pm	<b>Keynote 2: Holistic Management of Water Resources in Malaysia</b> - by <i>Ir. Hj. Noor Azahari Zainal Abidin, Director General, Water Supply Department, KeTTHA</i>
0230pm – 0330pm	<b>Session 2: Water Resources Challenges &amp; Solutions</b> 1. <i>Overview of the Water Industry: Issues &amp; Challenges</i> - by <i>Mr. Mohamad Hair Basri, MWA</i> 2. <i>Kuala Lumpur River of Life – Benefitting from the Revitalization</i> - by <i>Mr. Scott Dunn, AECOM</i> 3. <i>River Bank Filtration Project in Tanjung Mas, Sibul</i> - by <i>Ir. Kho Lip Khiong, G&amp;P Dams &amp; Water Services Sdn Bhd</i>
0330pm – 0345pm	Coffee Break
0345pm – 0515pm	<b>Session 3: Our Water Resources: A Water Cycle Under Stress</b> 1. <i>Lessons Learnt from Selangor Experience (JTJAD)</i> - by <i>Tn. Hj. Mohd Yunus, SYABAS</i> 2. <i>Experience on Water Crisis &amp; Water Resources Development by SAJH (JTJAD)</i> - by <i>Mr. Rozali Ahmad, SAJ Holdings Sdn Bhd</i> 3. <i>Emerging Pollutants in Malaysian Rivers</i> - by <i>Dr. Yang Fain a Abdul Aziz, Universiti Kebangsaan Malaysia</i> 4. <i>Ranau Earthquakes : Lesson Learned and Way Forward</i> - by <i>Ir. Teo Chee Kong, Chairman of JTJAD</i>
0515pm	Sessions End
0700pm – 1100pm	<b>WELCOMING DINNER at Pullman Hotel</b>
TIME	DAY 2 TUESDAY 15 <sup>TH</sup> DECEMBER 2015
0900am – 0930am	<b>Keynote 3: Key Challenges in Taking the Water Demand Management Forward – The Malaysian &amp; Sarawak Context</b> - by <i>Tan Sri Ir. Syed Muhammad Shahabudin, Chairman, SMHB Sdn Bhd</i>
0930am – 1030am	<b>Session 4: Sustainable Management of Water &amp; Wastewater Operations</b> 1. <i>Streaming Current Monitor for Coagulant Optimization in Water Treatment Plants</i> - by <i>Hjh. Fadzilah Abdul Kadir, Perak Water Board</i> 2. <i>Case Study: Wastewater – Source of Renewal Energy in China</i> - by <i>Dr. Chen Xiao Hua, Veolia Water Technologies</i> 3. <i>Putrajaya Dam Monitoring and Safety Surveillance</i> - by <i>Ir. Lim Sin Poh, G&amp;P Water &amp; Maritime Sdn Bhd</i>
10:30am – 11:00am	Coffee Break
11:00am – 1245pm	<b>Session 5: Technology &amp; Innovation: Tools for Efficient Utilities Operations</b> 1. <i>Asset &amp; Operational Risk Management Towards an Effective and Efficient Sewerage Service Delivery</i> - by <i>Ms. Anusuyah Bai S.K. Sivalingam, Indah Water Konsortium Sdn Bhd</i> 2. <i>The Smart Network : NRW and Pressure Management</i> - by <i>Mr. Michael Tomkins, AVK Valves Manufacturing (M) Sdn Bhd</i> 3. <i>Advanced Water Treatment and UV Technology</i> - by <i>Mr. Paul Buijs, Berson UV (Netherlands), P-Tech Engineering Sdn Bhd</i> 4. <i>The Pipe Revolution: How PVC-O Pipes Are Transforming The Industry</i> - by <i>Mr. Jason Lee, Group Engineers (M) Sdn Bhd</i>
1245pm – 0200pm	Tour of Booth & Lunch
0200pm – 0230pm	<b>Keynote 4: Climate Adaptation &amp; Resilience</b> - by <i>Ms. Mai Flor, WaterLinks, Philippines</i>
0230pm – 0345pm	<b>Session 6: Water Policies &amp; Planning</b> 1. <i>Water Resources Management in Vietnam</i> - by <i>Dr. Nguyen Tu ong Van, Executive Director, SEAWUN</i> 2. <i>Raw Water Transfer from Dongjiang, Guangdong to Hong Kong</i> - by <i>Ms. Caman KM Lam, Hong Kong Water Supplies Department</i> 3. <i>Sewerage Infrastructure Development in Sarawak</i> - by <i>Ir. Lau Hieng Ung, Director, Sewerage Services Department Sarawak</i> 4. <i>Water Resources Management in Sabah – Challenges &amp; Issues</i> - by <i>Mr. Miklin Ationg, Department of Irrigation &amp; Drainage Sabah</i>
0345pm – 0400pm	Coffee Break
0400pm – 0500pm	<b>Session 7: Technology &amp; Innovation: The Smart Way Forward</b> 1. <i>Effects of Cavitation in Water Network</i> - by <i>Ing. Wolfgang Maeck (Germany), Vag-Valves Malaysia Sdn Bhd</i> 2. <i>Sustainability Through Innovation in Water Analytics</i> - by <i>Mr. Matthew Dillon, (UK), A-chem (M) Sdn Bhd</i> 3. <i>Active Leakage Control</i> - by <i>Mr. Shariman Mohamed, Ranhill Water Services Sdn Bhd</i>
0500pm	Sessions End



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### PROGRAMME AT A GLANCE

TIME	DAY 3 WEDNESDAY 16 <sup>TH</sup> DECEMBER 2015
0930am - 1130am	<b>28<sup>th</sup> JTJAD Annual General Meeting &amp; Closing Ceremony (for JTJAD members only)</b>
0930am - 1130am	<p><b>Parallel Workshop</b></p> <div style="display: flex; justify-content: space-around;"> <div style="width: 45%;">  <p><b>i) Ir. Chan Chiang Heng</b></p> <p><b>Workshop 1: Practical Approach On Dam Operations</b></p> <p>The focus will be to ensure proper dam management, and ensure flood and drought risk mitigation through informed dam operations.</p> <ul style="list-style-type: none"> <li>• Basic Dam Operations Protocols and Limnological Survey</li> <li>• Conservation of abstractable volume, correct releases from Dams &amp; Water Quality</li> <li>• Understanding of critical volume</li> <li>• Formulation of drought contingency plan</li> </ul> </div> <div style="width: 45%;">  <p><b>ii) Ir. Soh Kok Eng</b></p> <p><b>Workshop 2: Analysis of Pumping System</b></p> <p>The objective of this course is to provide participants with the methodology to analyse a pumping system from the hydraulic point of view.</p> <ul style="list-style-type: none"> <li>• Single pipeline pumping system (optimisation analysis)</li> <li>• Parallel pipeline pumping system (combination of new and old pipes)</li> <li>• Pumping to multiple reservoirs</li> <li>• Pumping from high flow and pressure system to reservoir with low demand and low level</li> </ul> </div> </div>
To be confirmed	<p><b>Site Visits</b></p> <p>1) a. Bengoh Dam b. Bengoh Resettlement Schemes c. Batu Kitang Water Treatment Plant      <b>OR</b></p> <p>2) Kuching Centralised Sewage Treatment Plant (KCSTP)</p>

### HOTEL INFORMATION

#### Panel Hotel



Superior Room : RM280 nett/night (single), RM300 nett/night (twin)  
Deluxe Room : RM310 nett/night (single), RM330 nett/night (twin)

#### Pullman Kuching

No. 1A, Jalan Mathies, 93100 Kuching, Sarawak  
Tel: +6082 222 888  
Fax: +6082 222 999  
Website: www.pullmankuching.com

#### Nearby Hotels



#### Hilton Kuching

Jalan Tunku Abdul Rahman  
P.O Box 2396, 93748 Kuching, Sarawak  
Tel: +6082 223 888  
Fax: +6082 223 986  
Website: www.kuching.hilton.com  
Email: kuching\_reservations@hilton.com

#### Government Servant Only

Standard Room : RM 198.22 nett / night (single) RM 233.20 nett / night (twin)  
RM 233.20 nett / night (single) RM 268.18 nett / night (twin)  
Deluxe Room : RM 297.33 nett / night (single) RM 332.31 nett / night (twin)

#### International Delegates

Standard Room : RM 314.82 nett / night (single)  
RM 338.14 nett / night (twin)



#### Grand Margherita Kuching

Jalan Tunku Abdul Rahman  
P.O Box 2362, 93100 Kuching, Sarawak  
Tel: +6082 532 111  
Fax: +6082 236 041  
Website: www.grandmargherita.com

Superior Room : RM 250.00 nett / night (single) RM 285.00 nett / night (twin)

\* All prices inclusive of breakfast