ABC Waters Professionals and Practitioners Networking Night

Date: Friday, 7 October 2016

Time: 6pm – 9pm (Registration starts at 5.30pm)

Location/Venue: Training Rooms (2nd floor – accessible via lift)
IES Green Building@Bukit Tinggi aka Brian Chiang Building
The Institution of Engineers, Singapore
70 Bukit Tinggi Road, Singapore 289758

Fees: IES/ACES/SIA/SILA Member: $45.00 per pax
Non-Member/Public: $60.00 per pax

(fees are inclusive of GST and a BBQ Buffet Dinner)

CPD/PDU: (i) 2 (two) PDUs for PEB PEs
(ii) PDUs for IES/ACES QECPs
(iii) 3 (three) PDUs for ABC Waters Professionals, including ABCWPs who are registered/qualified under SIA or SILA ABCWPs Registration Scheme
(iv) 2 (two) CPDs for BOA Registered Architects
(v) 1 (one) CPD for SILA Accredited Landscape Architects

For Whom ABC Waters Professionals, QECPs, Architects, Engineers, Landscape Architects and Academics

Online Registration https://www.jotform.me/form/62507804878466
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<td>1800 - 1815</td>
<td>Opening and Welcome Address and Presenting Tokens of Appreciation to ABC Waters Programme Lecturers</td>
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<tr>
<td>1815 - 1835</td>
<td>Presentation and Sharing of ABC Waters Best Practices on <strong>Greenwood Sanctuary @ Admiralty</strong> by:</td>
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<td><strong>Ms Tay Bee Choo</strong>, Deputy Director (Landscape Implementation Section), Development &amp; Procurement Group, Housing &amp; Development Board</td>
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<td>1835 - 1915</td>
<td><strong>BBQ</strong> Buffet Dinner and Networking</td>
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<td>1915 - 1945</td>
<td>Presentation and Sharing of ABC Waters Best Practices on <strong>Kg Admiralty</strong> <em>To be furnished...</em></td>
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<td>Presentation and Sharing of ABC Waters Best Practices on <strong>Oasis Terrace</strong> by:</td>
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<td><strong>Mr. Koh Jian Binn</strong>, ABC Waters Consultant, Netatech Engineering Pte Ltd</td>
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<td>1945 - 2015</td>
<td>Presentation and Sharing of ABC Waters Best Practices on <strong>Paya Lebar Quarter</strong> by:</td>
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<td><strong>Ms. Michelle Lee</strong>, Sustainability Director, Paya Lebar Quarter, Lendlease &amp; <strong>Mr. Richard Outhwaite</strong>, Director, Web Earth Pte Ltd and consultant for ABC Waters Design at Paya Lebar Quarter</td>
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<td>2015 - 2045</td>
<td>Q&amp;A and Dialogue with Panelists</td>
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<td>Facilitator: Er. Dr. Chew Soon Hoe</td>
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Speaker’s CV/Bio and Synopses

Presentation and Sharing of ABC Waters Best Practices on Greenwood Sanctuary@Admiralty

Speaker’s Profile

Ms Tay Bee Choo currently heads the Landscape Unit in Housing & Development Board (HDB), which oversees the landscape design in new housing estates as well as estates undergoing upgrading. Amongst her many responsibilities is the pivotal role of guiding the consultants in the design of outdoor spaces and related facilities. She and her team are also responsible for ensuring the greenery in all HDB estates are maintained and all requests for tree felling are accompanied by tree replacements.

Under her leadership, she has helped transformed HDB’s landscape environment. A Landscape Architect by training, she has demonstrated that high rise high density public housing does not necessary translates into a concrete urban jungle. Rather, the greening of public housing has become her new challenge as HDB looks forward to creating environmentally-friendly and sustainable green homes for people to live, work and play.

Abstract

To be furnished...

Presentation and Sharing of ABC Waters Best Practices on Kg Admiralty

To be furnished...

Presentation and Sharing of ABC Waters Best Practices on Oasis Terrace

Speaker’s Profile

Koh Jiann Bin | ABC Waters Professional

Jiann Bin leads a specialist consulting team in design, engineering, and construction of integrated solutions for such systems as ABC Waters, stormwater management & detention, rainwater harvesting, non-potable water treatment for reuse, auto-irrigation, and monitoring & control. He has excellent technical experience in the projects for condominiums, public housing, as well as institutions.

As a landscape architect, he was intensively involved in the design work and site implementation of landscape design for hotels, resorts and condominiums. He is an invited speaker for the ABC Waters Professional certification courses at The Institution of Engineers, Singapore and has spoken at the Centre of Urban Greenery & Ecology, National Parks Board on Sensitive Urban Design (WSUD) subjects.
His expertise in environmental engineering design and implementation coupled with his landscape design experience and horticultural knowledge allow him a unique insight into the WSUD approach to stormwater management. He applies these synthesised skills and knowledge rigorously to all his works from broad strategies to design details.

Abstract

LANDSCAPE CONCEPT

The landscape concept of **Oasis Terraces** has three key elements: the inclined gardens, roof garden, and the rain garden. These are designed to communicate, educate and inspire the general public and specific user groups.

The trapezoids of the **inclined gardens** will be display spaces that maximize the recreational aspect of passively looking out to the waterway. Moreover, they will exhibit horticultural design spaces with a dynamic color scheme using variegated foliage of plants species with different colors and sizes. Toddler playground and water playground will be on the 4th and 5th storey. The walk-up along the trapezoids will finally end at the **roof garden** on the 6th storey where the adult fitness corner and community farming will be located.

At the **rain gardens**, the general public can find respite in the quiet outdoor space. They can learn about the ABC Waters initiative of Oasis Terrace through the educational signage located around the area.

Similar to the gardens, planting within the architectural spaces such as corridors and facade planters will also have a variation of plants species and small trees that will attract birds and butterflies to the building, thereby bringing people closer to nature.
Presentation and Sharing of ABC Waters Best Practices on *Paya Lebar Quarter*

**Michelle Lee**  
Sustainability Director, Paya Lebar Quarter  
Lendlease

Michelle is the Sustainability Director of Lendlease’s mixed-use project in Singapore, Paya Lebar Quarter.

Previously Head of Sustainability Asia, Michelle provided oversight to Sustainability and Lendlease Foundation and was responsible for driving Lendlease’s sustainability philosophy and optimising multi-disciplinary project outcomes. She was also responsible for the company’s Social Sustainability strategy and plan for the business in Asia, which includes Lendlease Foundation, established in 1958 to reflect Lendlease’s commitment to the support and development of employees.

Michelle was previously Head of Corporate Affairs, Asia, where she was in charge of marketing, branding, internal communications, and, investor and media relations across Asia. Her more than 16 years’ experience includes Marketing for the Retail and Construction business in Asia.
CURRICULUM VITAE

Name : Richard John Outhwaite

Key Data

Richard graduated with a Bachelor of Science degree with Honours in Civil Engineering from Oxford Brookes University in 2005 and joined Web in 2006. After 3 years working on a range of civil engineering projects, he returned to the UK to complete a Masters of Science in Environmental Systems Engineering at University College London, graduating with Distinction.

He has experience in the field of hydraulic research and building modeling gained in the UK and on projects in Singapore and Malaysia, implementing a range of sustainable design strategies for the built environment. He specializes in passive design and zero energy operations to create buildings that go beyond certification. Richard has also led the water resource team on ground breaking projects incorporating Water Sensitive Urban Design (WSUD) principles in award winning concepts.

Through his time with Web Earth, Richard has worked on a range of diverse projects from luxury resorts to high-end office and residential developments with numerous architects in environmentally sensitive locations such as the Seychelles, Maldives and Tanzania.

He is a Director of Web Earth and an Associate in Web Structures. He currently heads the Green Building, Water Resources and Carbon Management portfolio.
Abstract

Paya Lebar Quarter, developed by Lendlease, is the first mixed use development in Singapore by a private developer to receive the PUB ABC Waters Certification. Centrally located in the heart of an upcoming regional business hub and a pedestrian-friendly new city precinct, Paya Lebar Quarter will offer an exciting mix of progressive Grade A workspaces, mid-to-mid plus retail mall and private residences, set amidst a generous and lush green public spaces.

At this session, Ms Michelle Lee, Sustainability Director, Paya Lebar Quarter, will share the holistic approach taken towards Sustainability at Paya Lebar Quarter, and how this was demonstrated in its landscape design as well as the pursuit of the ABC Waters certification for the development.

Mr Richard Outhwaite, Director, Web Earth Pte Ltd and consultant for ABC Waters Design at Paya Lebar Quarter, will then introduce the ABC Waters Strategy adopted at the development and how ABC Waters design features were innovatively integrated into the landscape, by providing drainage cells to create a detention zone below the rain gardens.

Since 2010, 62 projects have been certified with the ABC Waters Certification. PUB has been successful in encouraging the adoption of the ABC Waters Concept by both public and private sectors.

Active, Beautiful, Clean (ABC) Waters Programme
Certified Projects 2010 – 2016
TERMS & CONDITIONS

Registration
 Registration can be done online at https://www.jotform.me/form/62507804878466
 Registration will be on a first-come-first-served basis as seats/places are limited and will only be accepted upon the receipt of full payment or otherwise indicated.
 Please notify us in writing of any change in your registration 7-working days before the commencement date.

We only accept online registration with full payment or otherwise indicated.

Registration Closing Date/ Time & Payment
 Final registration closing dateline/ time: before 12 Noon, 3 October 2016 (Monday)
 Inter-Bank GIRO (IBG) to our DBS Bank Account No. 7171-014-014900466-6
 Cheque or Cashier’s Order should be crossed A/C payee only. Payee: Engineers Singapore Pte Ltd and post to:
The Institution of Engineers, Singapore
70 Bukit Tinggi Road
Singapore 289758
Attention: Mr Colin Fong
(At the back of your Cheque, please indicate your Name and ABCWPN16)

Confirmation of Registration
 Confirmation of registration will be forwarded to your registered/ recorded email address within 7-working days prior to the commencement date.

Withdrawals/ Refunds of Fees
Notice of withdrawal must be given in writing to IES, policy on refund of fee is as follows:
 Within 7-working days before the commencement date: No refund.
 Full payment is still applicable if you are not able to turn up for the Seminar.
 Replacement is allowed but restricted to once only with written notice, it must be received by IES 7-working days before the commencement of the Seminar. However, when an IES member is replaced by a non-member, the participant has to pay the difference in the relevant fees.
 FULL refund if IES receives your written notice of withdrawal at 14-working days before the commencement of the Seminar.
 For e-payment, a 4.5% (online transactional service charges) will be borne by the Registrant.
 No refund otherwise.
 No show of participant would not be accepted as reason for withdrawal/refund.

Cancellation/ Postponement
 Changes in Venue, Dates, Time and Speakers for the Seminar can occur due to unforeseen circumstances. IES and/ or the Organiser(s) reserves the full rights to cancel or postpone the Seminar under such circumstances without prior reasons. Every effort, however, will be made to inform the participants or contact persons of any cancellation or postponement.
 Fees will be refunded in FULL if any Event is cancelled by IES and/ or the Organiser(s).
Alternate Payment via AXS Kiosks

- Please select/ input/ key in: -
  - Course/ Event ID 1878
  - Remarks ABCWP16
- Please keep, retain and furnish your proof of payment(s), receipt(s) or e-receipt(s), if any, during registration.

Contact Person
(e): colin.fong@iesnet.org.sg  (d): +65 6461 1236  (t): +65 6469 5000

# All fees are inclusive of GST and a BBQ Dinner.

# Seminar's duration excludes registration, meal and/or break time(s).

# For IES/ACES/SIA/SILA Members @ $45.00 per pax, please provide your IES/ACES/SIA/SILA Membership Number, register online and transact payment via your VISA/ MasterCard or other appropriate modes, if any.

# For Non-Members/Public @ Non-Member/Public: $60.00 per pax, please register online and transact payment via your VISA/ MasterCard or other appropriate modes, if any.

# Certificate of Attendance will NOT be issued, however, an email proofing your attendance will be forwarded to your recorded/ registered email address normally within 14 to 21 working days after the Seminar.

# Accreditation of CPD PDU for (i) Board of Architects (BOA) Registered Architect, (ii) Professional Engineers Board (PEB) Professional Engineer, (iii) IES/ACES Qualified Erosion Control Professional, (iv) IES ABC Waters Professional, including ABCWPs who are registered/qualified under SIA or SILA ABCWPs Registration Scheme (V) SILA Accredited Landscape Architect and/or Attendees; your Name and Reg. Arch./PE/QECP/ABCWP/SILA ALA Registration Number(s) will be electronically filed with or manually submitted to (i) BOA-SIA CPD Office, (ii) PEB, (iii) IES/ACES QECP Registry, (iv) IES ABCWP Registry and/or (v) SILA Accreditation Office normally within 14 to 21-working days after the Seminar.