



ABC WATERS PROFESSIONAL NETWORKING NIGHT 2025

Hidden Challenges & Lessons Learnt in Blue-Green Projects

DATE: 7 FEBRUARY 2025, FRIDAY

TIME: 4.30PM - 8.00PM

**VENUE: SINGAPORE INSTITUTE OF
TECHNOLOGY**
(PUNGGOL CAMPUS, BLOCK E6-02-03, LECTORIAL 11)

Fees

IES MEMBER/ABC WP - \$87.20

OTHERS/NON-MEMBER - \$109

*Fees indicated above includes prevailing GST

3 PDU FOR ABCWP - APPROVED & CONFIRMED

2 PDU FOR QCEP - APPROVED & CONFIRMED

PDU for PE/CENG - TBC

4.30 PM	REGISTRATION OPEN
5.00 PM	WELCOME ADDRESS <i>ER. TAN SENG CHUAN, CHAIRMAN OF ABC WATERS PROFESSIONAL MONITORING COMMITTEE</i>
5.05 PM	SHARING ON CHARTERED ENGINEER (SUSTAINABILITY) CERTIFICATION PROGRAMME <i>MS THAM JIA YI, MANAGER, SKILLS DEVELOPMENT PARTNER, IES</i>
5.15 PM	OPENING SPEECH <i>DR JEFFREY KWIK, ASSOCIATE PROFESSOR, SINGAPORE INSTITUTE OF TECHNOLOGY</i>
5.30 PM	ECO - CAMPUS LEARNING <i>MS KATIE TAN, HENNING LARSEN & MR LIU JINGYANG, RAMBOLL</i>
6.05 PM	COLLABORATIVE INNOVATION FOR PARC CLOVER AT TENGAH <i>MR CHIN WI MING, HOUSING & DEVELOPMENT BOARD</i>
6.35 PM	SHARING ON NEW LODGEMENT SCHEME FOR ABC WATERS SUBMISSIONS <i>PUB</i>
6.50 PM	Q&A ONLINE SURVEY VIA MENTIMETER
7.05 PM	PRESENTATION OF TOKEN OF APPRECIATION
7.15 PM	COMMENCEMENT OF NETWORKING DINNER
8.00 PM	END OF EVENT



REGISTER NOW

SCAN QR CODE FOR REGISTRATION

Supporting Partner:



For more information, please contact: abc@iesnet.org.sg
THIS EVENT IS ORGANISED BY THE ABC WATER PROFESSIONAL REGISTRY.

SPEAKERS & SYNOPSIS

PRESENTATION TITLE: ECO-CAMPUS LEARNING

As part of the North Coast Innovation Corridor that is being developed as Singapore's new decentralised economic centre, Punggol Digital District (PDD) coupled with SIT Campus will form a key anchor of the first Digital District in Singapore. SIT and PDD leverages on the synergy between businesses and academia to foster a highly integrated and vibrant environment that maximises opportunities for mutual collaboration. This takes the form of public space activation (common platforms for interaction) and physical planning (connectivity and co-sharing of resources) that facilitates partnerships and exchanges.

The Landscape Masterplan was conceptualised as a site that brings in and connects to the different green assets of Punggol. Nestled amidst a secondary forest, a waterway park and a preserved island, the campus was designed to benefit and contribute to the flow of the green and blue movement across the site. There is a strong emphasis on environmental, economic and social sustainability as we adopted extensive water sensitive urban design strategies and left the existing topography undisturbed. Open spaces with new facilities are developed to optimise land use, student experience, and reconcile the human-nature connection. With this approach, varying planting characters were derived from the existing vegetation of the site's surroundings, introduced into the development to reinforce the existing planting character and vegetation of Punggol. In essence, SIT and PDD is a fully integrated development (eco-campus) that weaves blue green-urban elements seamlessly and provides a diversity of links between people, nature, water, and information. The combination of these layers creates a district that is more than the sum of its parts, and elevates the standard for sustainable, liveable and accessible Innovation Districts for Singapore and the rest of the world. The first students and staff moved in September 2024 to the SIT Campus Court, to-date 3,800 students are on site, which will increase with the opening of SIT Campus Heart to 12,000 students.

The campus integrates learning environments with biophilic tropical spaces, curating experiences within the rich flora and fauna to blur the boundary of learning. PUB's Active, Beautiful, Clean Waters (ABC Waters) design was incorporated to manage stormwater with nature-based solutions such as rain gardens, cleansing biotope, swales. The project has achieved ABC Waters Certified (Gold) for both SIT Campus Heart (Plot 1) and SIT Campus Court (Plot 2).

**PRESENTATION TITLE:
ECO-CAMPUS LEARNING**



MS KATIE TAN
LANDSCAPE ARCHITECT
HENNING LARSEN

Biography.

As a Landscape Architect with a rich blend of architectural and landscape design expertise, Katie brings a unique fusion of creativity, technical proficiency, and a profound commitment to environmental stewardship. Her journey in the realm of urban planning and design began with a deep-seated passion for integrating the built environment seamlessly with the natural world. Since embarking on this path and joining Henning Larsen (formerly Ramboll Studio Dreiseitl) in 2015, Katie has cultivated a diverse array of international and interdisciplinary experiences. These experiences have not only sharpened her skills but have also instilled in her an unwavering dedication to excellence in craft.

Central to her approach is a sincere aspiration to foster resilient urban spaces - spaces that are not only aesthetically captivating but also deeply liveable, engaging, and ecologically sensitive. With every project, Katie is driven by the belief that thoughtful design has the power to transform communities, enrich lives, and leave a lasting positive impact.



MR LIU JINGYANG
HYDRAULIC ENGINEER
RAMBOLL

Biography.

Jingyang is a hydraulic engineer specialized in Water-Sensitive Urban Design and hydraulic & hydrology modelling analysis. He is involved in various projects with integrated solutions in design, engineering and construction of sustainable stormwater management, ABC Waters Design and hydraulic modelling. These experiences equipped him with holistic understanding of stormwater management including rainwater harvesting, stormwater treatment & reuse, bioengineering and flood risk analysis.

Jingyang's work in Ramboll provides hydrology studies to urban planners, architectures and stakeholders. These studies include climate adaptation feasibility studies, hydrological assessments, blue-green strategies, and risk-based resiliency planning solutions. The studies assist city planners to build a more resilient city where citizens not only experience fewer flooding damages, but also gain the added values from climate adaptation such as a more green, attractive, and liveable place.

PRESENTATION TITLE:

COLLABORATIVE INNOVATION FOR PARC CLOVER AT TENGAH



MR CHIN WI MING
SENIOR LANDSCAPE
ARCHITECT
HDB (DESIGN AND
DEVELOPMENT GROUP)

Synopsis

The Tengah Park Contract 7 project is an exemplary example of the collaboration between HDB's in-house consultant team and the ABC Waters consultant team. This partnership successfully addressed various challenges to achieve ABC Waters Certification (Gold), making it a significant achievement in sustainable urban design. The project is a prime example of how ABC Waters design features can be holistically integrated into a public housing development to treat stormwater runoff from the precinct. Additionally, it demonstrates innovative solutions, such as the use of membrane technology (ultrafiltration) for rainwater harvesting, showcasing the effectiveness of combining design, engineering, and sustainable practices approach for a project.

Biography

Chin Wi Ming is a Senior Landscape Architect currently working at HDB (Design and Development Group). He has been involved in numerous landscape projects, ranging from master planning and urban design to residential developments. His work often includes collaboration with a diverse range of professionals, resulting in landscape designs that provide holistic, environmentally engaging, and educational solutions. These designs seamlessly integrate urban development with sustainable practices. Some of his notable projects include Bishan-Ang Mo Kio Park, Punggol Waterway Ridges, Mandai Parks Development, Punggol Northshore, Parc Clover at Tengah, and Parc Residences at Tengah.