

## Overseas Training on Active, Beautiful, Clean Waters (ABC Waters) Management in Singapore

**23 – 27 September 2019** (Course Code: 10008175)

This course aims to provide participants an insight into the Active, Beautiful, Clean Water Concept to manage our stormwater sustainably while enhancing our urban environment. Also give an overview of the principles and applications of ABC Waters design features.

This course is organized by the Environmental Technology and Solution Centre (ETS Centre) of HKPC. The ETS Centre is established to research and promote new environmental technologies, so as to help the industry keep abreast of the latest environmental management information and advanced environmental technology.

The training topics cover:

- ❖ ABC Waters Management Strategies
- ❖ Stormwater Quality Management, Hydrology and MUSIC Modelling
- ❖ ABC Waters Design Features and Landscape Design
- ❖ ABC Waters Design Site Visits: Marina Barrage, Ang Mo Kio Park and Sengkang Wetland

<b>Date:</b>	23 – 27 Sep 2019
<b>Venue:</b>	IES Academy, Singapore <sup>#</sup>
<b>Language:</b>	English
<b>Training fee:</b>	HK\$28,200 per person*
<b>Quota:</b>	20 participants (Limited to RTTP application on a first-come-first-served basis)
<b>Award of certificate:</b>	"Certificate of Attendance" will be issued to participants with 100% attendance.
<b>Application method:</b>	To enrol, please complete the enrolment form and email it to HKPC at <a href="mailto:katrinakwok@hkpc.org">katrinakwok@hkpc.org</a> for registration. Confirmation email will be sent thereafter. The hard copy of the completed form together with training fee by cheque must be submitted on or before 5 August 2019, otherwise enrolment will be rejected. All cheques should be crossed and made payable to "Hong Kong Productivity Council". Please also write down the name of training programme at the back of the cheque.
<b>Deadline:</b>	29 July 2019 (Mon)

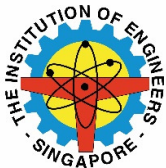
\* This training has successfully obtained pre-approval of the **Re-industrialisation and Technology Training Programme (RTTP)** application. The approved training grant for each eligible trainee can be reimbursed up to **HK\$18,254**. The actual amount of training grant to be reimbursed to the companies is subject to the actual training expenditure.

RTTP training grant application must be submitted at least 2 weeks before the training commencement date. Further information on RTTP is available at the dedicated website at <https://rttp.vtc.edu.hk>

**Training fee includes:** Air fares (economy class), airport taxes and fuel charges, hotel accommodation on twin room basis, breakfasts, inland transportation and IES Academy course fee.

**Training fee excludes:** Lunches and dinners, visa application, additional fee for special flight and hotel arrangement (e.g. staying behind, single room, etc.) guide and driver tips, and other expenses not mentioned.

**Key Training Provider:**



**Supporting Organisations:**



ENGINEERS  
AUSTRALIA  
Hong Kong Chapter



HKIQEP  
香港環專會

## Training Programme†:

Date	Time	Itinerary and Programme Information
<b>Day 1</b>		
<b>23 Sep 2019 (Mon)</b>	AM	Depart from Hong Kong to Singapore
	PM	ABC Waters Design Site Visit – <b>Marina Barrage</b>
<b>Day 2</b>		
<b>24 Sep 2019 (Tue)</b>	Full Day	<p><b>ABC Waters Management Strategies:</b></p> <ul style="list-style-type: none"> <li>❖ Overview of ABC Waters Management Strategies</li> <li>❖ Introduction of integrating ABC Waters Design in project planning &amp; integration of waterbody design in master plan and architectural concept</li> <li>❖ Introduction of integrating ABC Waters elements into landscape planning strategies</li> <li>❖ ABC Waters Design Site Visit – <b>Sengkang Floating Wetland</b></li> </ul>
<b>Day 3</b>		
<b>25 Sep 2019 (Wed)</b>	Full Day	<p><b>Stormwater Quality &amp; Quantity:</b></p> <ul style="list-style-type: none"> <li>❖ Overview of stormwater quality management, hydrology and MUSIC modelling</li> <li>❖ Introduction of alternative stormwater BMPs – constructed wetland</li> <li>❖ Introduction of cleansing biotopes &amp; bio-engineering techniques</li> <li>❖ ABC Waters Design Site Visit – <b>Ang Mo Kio Park</b></li> </ul>
<b>Day 4</b>		
<b>26 Sep 2019 (Thu)</b>	Full Day	<p><b>ABC Waters Design:</b></p> <ul style="list-style-type: none"> <li>❖ Overview of ABC Waters design features and landscape design</li> <li>❖ Introduction of engineering design of bioretention basins and bioretention swales</li> <li>❖ Introduction of soil specification and testing</li> <li>❖ Case Study and Site Visit – <b>Waterway Ridges &amp; Oasis Terrace</b></li> </ul>
<b>Day 5</b>		
<b>27 Sep 2019 (Fri)</b>	AM	ABC Waters Design Site Visit
	PM	Depart from Singapore to Hong Kong

# IES Academy was set up by The Institution of Engineers, Singapore (IES).

† Training programme subject to changes without prior notice. While we endeavor to deliver the programme as planned, the topic/ trainer may be replaced with equivalent topic/ trainer due to unforeseen circumstance.

**Enquiry & Registration:**

☎ (852) 2788 6293 Ms KWOK

✉ [katrinakwok@hkpc.org](mailto:katrinakwok@hkpc.org)