

Advanced Technovation Limited, established in 2006, specialises in providing engineering consulting service and professional development. In professional development, it publishes technical publications, and organises Continuing Professional Development (CPD) courses, seminars, symposia and conferences. These courses, seminars, symposia and conferences may be used for partial fulfilment of training requirements for graduate engineers, enhancement of technical capability for young engineers, or updating of technical knowledge for experienced engineers. Details of an upcoming CPD course on "**Environmental Impact Assessment: A Tool towards Sustainability**" are as follows:

- Title: **Environmental Impact Assessment: A Tool towards Sustainability**
- Instructor: Ir C.F. Lam
- Language: Cantonese (with technical terms in English)
- Date: 18th January 2019 (Friday)
- Venue: Crystal Ballroom, 2nd Floor, The Cityview (城景國際), 23 Waterloo Road, Yaumatei, Kowloon (next to Kwong Wah Hospital, MTR Yau Ma Tei Station Exit 2A)
- Cost: \$1,850 (include morning coffee, coffee breaks, buffet lunch, course notes and attendance certificate)
- Early bird discount:
\$1,650 for registration **completed** on or before 8th January 2019
- Registration: (1) make a deposit or direct transfer to "**Advanced Technovation Limited**" at HSBC Account No. 400-304267-001 or prepare an e-cheque payable to "**Advanced Technovation Limited**"; (2a) register on line at adv-technovation.com; or (2b) fill in the reply slip and email the completed reply slip with the deposit slip, direct transfer receipt or e-cheque to support@adv-technovation.com
- Questions: Please contact Miss Luk by phone or WhatsApp at 91208024 or email at support@adv-technovation.com
-

Course: **Environmental Impact Assessment: A Tool towards Sustainability**

Name:

Company:

Phone:

E-mail:

Environmental Impact Assessment: A Tool towards Sustainability

Course Description

Environmental Impact Assessment (EIA) has long been a tool for achieving sustainable development through impact assessment and option selection for policies, programmes and plans as well as engineering projects in Hong Kong and overseas. It also becomes the focus of discussion and public concern of the society, in particular for mega and controversial projects such as the third runway system of the Hong Kong International Airport.

This one-day continuing professional development (CPD) course is designed for decision-makers in government and private sector, planners, developers, engineering practitioners and green groups to acquire essential knowledge on the basic theory and best practices of environmental impact assessment applied to engineering projects. This course will cover the basic knowledge including the definition and nature of EIA, its evolution and application, details of the EIA process and report. In addition to project EIA, strategic environmental impact assessment (SEA) will also be introduced as a tool applicable for policies/programmes/plans evaluation. The legislative framework and licensing requirements under the Hong Kong EIA Ordinance will be discussed in details. The presentation will be supplemented by case studies.

The Instructor

Ir C.F. LAM (BSc(Eng), BSc(Econ), MSc(EnvMan), FHKIE, MICE) is a Senior Environmental Protection Officer of the Environmental Protection Department, HKSAR Government. C.F. has 30 years of experience in a broad spectrum of civil engineering, environmental management and pollution control work including policy formulation, consultant management, project administration, legislative enforcement, sewerage infrastructure planning and solid waste management. He is the Chairman of the Environmental Discipline Advisory Panel and Council Member and Past Chairman of Environmental Division of the Hong Kong Institution of Engineers as well as the Past Chairman of the Hong Kong Waste Management Association. C.F. is a frequent speaker at international and local conferences and seminars. He is also the adjunct Professor and Part-time Lecturer of MSc environmental courses of the University of Hong Kong and Hong Kong University of Science and Technology respectively.

Program

| | |
|---------------------|--|
| 8:30 am. – 9:00 am | Registration |
| 9:00 am – 10:30 am | Overview of Environmental Impact Assessment (EIA) <ul style="list-style-type: none">• EIA basics• EIA system in Hong Kong |
| 10:30 am – 11:00 am | Coffee break |
| 11:00 am – 12:30 pm | EIA Approaches and Methodologies <ul style="list-style-type: none">• Description of environment• Impact prediction and evaluation |
| 12:30 pm – 1:45 pm | Buffet lunch (included) |
| 1:45 pm – 3:15 pm | Strategic Environmental Impact Assessment (SEA) <ul style="list-style-type: none">• SEA mechanism and process• Applications and local examples• Overseas practices |
| 3:15 pm – 3:45 pm | Coffee break |
| 3:45 pm – 5:15 pm | Environmental Impact Assessment Ordinance <ul style="list-style-type: none">• Legislative framework• EIA process and licensing requirements• Case studies |
| 5:15 pm – 5:30 pm | Discussion and distribution of certificates |

Recent Conferences, Seminars and Continuing Professional Development Courses

- "Good practices for environmental and safe construction sites" by Ms. Joanne Kwan – 6th December 2018
- "Controversial issues in NEC contracts: An update" by Mr. Harrison Cheung and Mr. Vincent Li – 1st November 2018
- "Design and construction of large-diameter bored piles" by Ir Dr. Albert T. Yeung – 8th October 2018
- "Green compliance without tears: A better understanding of the Hong Kong environmental laws" by Ir C.F. Lam - 13th August 2018
- "Structural concrete design to Eurocode 2: Theory and comparison with HKConcrete2013" by Ir Professor J.S. Kuang – 25th June 2018
- "A day with geosynthetics" by Leo K. Overmann, Alan Bamforth, Corazon B. Queja, Marco Cerro, Dirk-Jan den Ouden, Hermann Ng, Michael Chong and Albert T. Yeung – 6th June 2018

- "Use of CHAM's PHOENICS/FLAIR computational fluid dynamics (CFD) software" by Dr. David Glynn – 16th-18th April 2018
- "Groundwater flow and seepage: Geotechnical applications" by Ir Dr. Albert T. Yeung – 29th March 2018
- "Wastewater management" by Ir Professor P.K. Chan – 26th February 2018
- "Design of underground openings and slopes in rock" by Ir Keith W.K. Kong – 24th January 2018
- "Towards a more climate resilient built environment for Hong Kong" by Ms. Joanne Kwan – 6th December 2017
- "Controversial issues in NEC contracts" by Mr. Harrison Cheung, Mr. Vincent Li and Mr. Alan Sung – 30th October 2017
- "NEC3 ECC common project issues & solutions" by Mr. Ivan Cheung and Mr. Steven Yip – 11th October 2017
- "Structural concrete design to Eurocode 2: Theory and comparison with HKConcrete2013" by Ir Professor J.S. Kuang – 20th September 2017
- "Flood management in Hong Kong" by Ir Professor P.K. Chan – 9th August 2017

Publications by Advanced Technovation Limited

- Feng, X., and Yue, Z.Q. (2016). Editors. *Proc., International Geotechnics Symposium cum International Meeting of CSRME 14th Biennial National Congress*. Advanced Technovation Limited, Hong Kong.
- 澳門工程師學會 (2012). 第六屆粵港澳可持續發展研討會(澳門)論文集. Advanced Technovation Limited, Hong Kong.
- Kwan, A.K.H., Wong, K., and Choi, P.Y. (2011). Editors. *The Second International Conference on Utility Management and Safety*. Advanced Technovation Limited, Hong Kong.
- 鄭在仁、王如龍 (2010). 基地調查手冊. 澳門岩土工程協會. Advanced Technovation Limited, Hong Kong.
- Wong, K., and Allen, R.J. (2009). *Code of Practice for Conduct Condition Evaluation Using CCTV in Hong Kong*, 4th Edition. Advanced Technovation Limited, Hong Kong.
- Kwan, A.K.H. (2009). Editor. *The First International Conference on Utility Management and Safety*. Advanced Technovation Limited, Hong Kong.
- Yeung, A.T., and Lo, I.M.C. (2008). Editors. *Environmental Geotechnology and Global Sustainable Development 2008*. Advanced Technovation Limited, Hong Kong.
- Yin, J.-H., Li, X.S., Yeung, A.T., and Desai, C.S. (2007). Editors. *Constitutive Modelling – Development, Implementation, Evaluation, and Application*. Advanced Technovation Limited, Hong Kong.