



Advanced Technovation Limited, established in 2006, specialises in providing engineering consulting service and professional development opportunities. In professional development, it publishes technical publications and organises conferences, seminars and Continuing Professional Development (CPD) courses. These conferences, seminars and CPD courses 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 the upcoming course **Environmental Impact Assessment: Theory & Practices** are as follows:

- Title: **Environmental Impact Assessment: Theory & Practices**
- Instructor: Ir C.F. Lam
- Language: Cantonese with technical terms in English
- Date: **21st January 2015 (Wednesday)** (8:30 a.m. to 5:30 p.m.)
- Venue: Crystal Ballroom, 2nd Floor, The Cityview (城景國際), 23 Waterloo Road, Yaumatei, Kowloon (formerly Y.M.C.A. International House, next to Kwong Wah Hospital, MTR Yau Ma Tei Station Exit 2A)
- Cost: \$1,580 (include coffee breaks, buffet lunch, course notes and attendance certificate)
- Early bird discount:
\$1,450 for registration **completed** on or before **10th January 2015**
- Registration: (1) Fill in the reply slip; (2) make a deposit or direct transfer to "**Advanced Technovation Limited**" at HSBC Account No. 400-304267-001; and (3) e-mail the completed reply slip with the deposit slip or direct transfer receipt to [**adv.technovation@gmail.com**](mailto:adv.technovation@gmail.com) or [**info@adv-technovation.com**](mailto:info@adv-technovation.com)
- Applicants will be accepted on a first-come-first-served basis. All accepted registration will be confirmed by e-mail.
- Questions: Please contact Ms Luk at [**adv.technovation@gmail.com**](mailto:adv.technovation@gmail.com) or [**info@adv-technovation.com**](mailto:info@adv-technovation.com)
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Course: **Environmental Impact Assessment: Theory & Practices**

Name:

Company:

Phone:

E-mail:



ENVIRONMENTAL IMPACT ASSESSMENT: THEORY & PRACTICES

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.

Course Schedule:

- 8:30 a.m. – 9:00 a.m. Registration
- 9:00 a.m. – 10:30 a.m. Overview of Environmental Impact Assessment (EIA)
 - EIA basics
 - EIA system in Hong Kong
- 10:30 a.m. – 11:00 a.m. Coffee Break
- 11:00 a.m. – 12:30 p.m. EIA Approaches and Methodologies
 - Description of environment
 - Impact prediction and evaluation
- 12:30 p.m. – 1:45 p.m. Buffet lunch (included)
- 1:45 p.m. – 3:15 p.m. Strategic Environmental Impact Assessment (SEA)
 - SEA mechanism and process
 - Applications and local examples
 - Overseas practices
- 3:15 p.m. – 3:45 p.m. Coffee Break
- 3:45 p.m. – 5:15 p.m. Environmental Impact Assessment Ordinance
 - Legislative framework
 - EIA process and licensing requirements
 - Case studies
- 5:15 p.m. – 5:30 p.m. Discussion and distribution of certificates



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 over 25 years of experience in managing a broad spectrum of civil engineering projects and environmental management and pollution control work including policy formulation, sewerage system planning, solid waste management, environmental quality monitoring and impact assessment, legislative enforcement and professional training. He is currently a member of the Council and Past Chairman of Environmental Division of the Hong Kong Institution of Engineers. He is also the Past Chairman of the Hong Kong Waste Management Association. C.F. is an Adjunct Associate Professor of The University of Hong Kong and The Hong Kong Polytechnic University and an Adjunct Lecturer of HKU SPACE. He speaks frequently at international and local conferences and seminars and has a strong commitment in nurturing of students and young engineers.

Past Conferences, CPD Courses and Seminars

- "Planning and engineering for sustainable development" by Ir C.F. Lam – 17 September 2014
- "Seismic resistant structures: Analysis and design. II. Design of reinforced concrete buildings and analysis of foundations" by Ir Professor J.S. Kuang – 30 July 2014
- "Seismic resistant structures: Analysis and design. I. Seismic response of structures and seismic action on buildings" by Ir Professor J.S. Kuang – 21 July 2014
- "Green compliance without tears: A better understanding of the Hong Kong environmental laws" by Ir C.F. Lam – 21 May 2014
- "Structural concrete design to Eurocode 2: Theory and comparison with HKConcrete2013" by Ir Professor J.S. Kuang – 17 March 2014
- "Geotechnical *in-situ* testing" by Ir Dr. Albert T. Yeung – 19 February 2014
- "Industrial summons – Criminal prosecutions commonly encountered in construction projects" – by Mr. Harrison Cheung and Mr. Vincent Li - 7 January 2014
- "Solid waste management: 3Rs, thermal treatment technologies, charging scheme, and life cycle assessment" by Dr. Daniel Tsang and Ir Professor Irene M.C. Lo – 14 November 2013
- Conference on "Advances in indoor air quality management and energy conservation" – 5 November 2013
- Conference on "Foundations: State-of-the-practice" – 25 July 2013
- "Construction claims" by Mr Steven Yip, Miss Sonia Ng, and Mr James Yeung – 4 July 2013
- "Construction of bored piles, barrettes, and diaphragm walls" by Ir Dr. Albert T. Yeung – 6 May 2013
- "Seismic resistant structures: Analysis and design. II. Design of reinforced concrete buildings and codes of practice" by Ir Professor J.S. Kuang – 11 March 2013
- "Seismic resistant structures: Analysis and design. I. Introduction to structural dynamics and seismic design" by Ir Professor J.S. Kuang – 6 March 2013
- "Green compliance without tears: A better understanding of the Hong Kong environmental laws" by Ir C.F. Lam - 27 February 2013
- "Dispute resolution: Methods and application" by Mr. Steven Yip, and Mr. James Yeung – 7 February 2013



Publications by Advanced Technovation Limited

- 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.