

Research Open Day 2017

on

Environmental Engineering and Sustainable Development

for Professional & Industrial Participants



Background

The concept of sustainable development was put forward by the United Nations several decades ago for the protection of the Environment. Since then, alignment of urbanization with sustainable development has received global attention. More specifically, political leaders of many countries in the World has reached an agreement in Paris in 2015 on taking Mitigation and Adaptation Measures against Climate Change.

The Department of Civil and Environmental Engineering of The Hong Kong Polytechnic University is dedicated to conducting advanced research in environmental engineering and sustainable development, bringing innovative solutions to pressing environmental problems in air quality improvement, water pollution control and waste management.

The Department is offering Undergraduate and Postgraduate Study Programmes and Postgraduate Research Programmes in the environmental engineering and sustainable development disciplines. Students of these programmes are trained to identify key environmental and sustainable development issues and formulate feasible and cost-effective solutions to tackle the issues taking into account the immediate and long term goals in the local and global development context.

This Research Open Day 2017 will showcase the Department's activities in recent research, with highlights on the demonstration of research and student projects in the area of environmental engineering and sustainable development. The Department is honoured to have Ms Christine LOH Kung-wai, JP, Under Secretary for the Environment, Environment Bureau, the HKSAR Government, to share with the participants the Climate Change Policy Formulation of the HKSAR Government. Environmental researchers of the Department will give talks on applied environmental technologies. Moreover, alumni of the environmental study programmes will share with us their insights and experiences while research and undergraduate students will present their research project posters.

Date: 25 March 2017 (Saturday)

Time: 9:00am – 12:30pm

Venue: Room Z207, 2/F, Block Z, The Hong Kong Polytechnic University

Website: www.polyu.edu.hk/cee/EESD2017am



Online Registration

Keynote Speaker

Ms Christine LOH Kung-wai, JP

The Under Secretary for the Environment,
Environment Bureau, HKSAR Government

Certificates of attendance will be provided to participants for CPD purposes



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Time	Event Rundown	
08:40 – 09:00	Registration	
09:00 – 09:10	Welcoming Remarks Prof. You-Lin Xu <i>Dean of Faculty of Construction and Environment The Hong Kong Polytechnic University</i>	
09:10 – 09:15	Welcoming Remarks Prof. William H.K. Lam <i>Head of Department of Civil and Environmental Engineering The Hong Kong Polytechnic University</i>	
09:15 – 10:00	Meeting the Challenge of Climate Change and Sustainable Development: The Role of Environmental Engineering Ms. Christine Loh Kung-wai, JP <i>The Under Secretary for the Environment Environment Bureau, The Government of the Hong Kong Special Administrative Region</i>	
10:00 – 10:30	Tea Reception	Student Final Year Project Poster Presentations
10:30 – 10:40	Overview of the BEng(Hons) in Environmental Engineering and Sustainable Development programme Prof. Shun-cheng Lee <i>Programme Leader, Department of Civil and Environmental Engineering The Hong Kong Polytechnic University</i>	

10:40 – 10:50	<p><i>Topic TBC</i></p> <p>Prof. Tao Wang <i>Chair Professor of Atmospheric Environment, Department of Civil and Environmental Engineering</i> <i>The Hong Kong Polytechnic University</i></p>
10:50 – 11:00	<p>Turning Wastes into Eco-Construction Materials</p> <p>Prof. Chi-sun Poon <i>Associate Head (Research Development), Department of Civil and Environmental Engineering</i> <i>The Hong Kong Polytechnic University</i></p>
11:00 – 11:10	<p>Technologies in Wastewater Treatment</p> <p>Prof. Wei Chu <i>Professor, Department of Civil and Environmental Engineering</i> <i>The Hong Kong Polytechnic University</i></p>
11:10 – 11:30	<p>BSc(Hons) in Environment and Sustainable Development programme Alumni Sharing</p>
11:30 – 12:30	<p>Laboratory Visit and Demonstration</p> <p>Led by Dr. Daniel Tsang <i>Assistant Professor, Department of Civil and Environmental Engineering,</i> <i>The Hong Kong Polytechnic University</i></p>