THE UNIVERSITY OF HONG KONG

FACULTY OF SOCIAL SCIENCES

Knowledge Exchange Seminar Series

Micro Campus, Macro Future - STEMtification of HK Geography in Secondary Education: School-Based Microclimate Monitoring and Forecasting Network in Geography and STEAM Education

Biography of Speaker

Professor Yun Fat Lam
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Professor Yun Fat Lam is an Associate Professor at the University of Hong Kong. He received his BS (2001) in Civil Engineering, MS (2004) in Environmental Engineering and PhD (2010) in Civil Engineering in the department of CEE at the University of Tennessee, Knoxville. After his graduation, he had worked a year as a post-doctoral research scientist before he joined the City University of Hong Kong as an Assistant Professor where he had spent eight years of his time in teaching and research. Professor Lam is interested in a variety of climate and air quality researches, including ambient air quality sampling, permitting, emission inventory development and future air quality and climate change modelling. Professor Lam has published more than thirty peer-reviewed publications with focuses on urban air pollution and regional climate and air quality modelling. His research interests include regional climate and chemistry downscaling, future climate change, ozone stratosphere-troposphere exchange (STE), Asian

biomass burning, and ozone pollution. Professor Lam has been a trainer for climate and air quality models for various government agencies, including Hong Kong Environmental Protection Department (HKEPD) and Asia Center for Air Pollution Research (ACAP) in Japan. Currently, he is serving as members of Air Quality Objectives Review Working Group for Hong Kong Environment Bureau (HKENB), and application of numerical models to Environmental Impact Assessment (EIAs) for HKEPD.