

The Chinese University of Hong Kong

Department of Geography and Resource Management

Institute of Future Cities

jointly organize a seminar

by

Dr. Chao REN

Associate Professor
The Faculty of Architecture
The University of Hong Kong



Characteristics of Hong Kong Extreme Hot Weather and Implications on the Heat-health Warning System

Abstract:

In the high-density urban environment of Hong Kong, such intense extreme heat event is exacerbated by urban heat island phenomenon due to the compact urban form and settings. According to the WMO-WHO's Heatwaves and Health: Guidance on Warning-System Development, it is important to consider the characteristics of local meteorological conditions and living environment in the impact assessment and forecasting of extremely hot weather, especially in the aspect of local heat stress information and warning services. The guest lecture aims to review the current situations of extreme hot weather of Hong Kong, as a case study of high-density cities, and identify the key characteristics that the Heat-Health Warning System (HHWS) in Hong Kong may consider. It also proposes a methodological framework to inform relevant policy actions and professional practices for increasing the resilience to future climate change.

About the Speaker:

Dr. Chao REN is an Associate Professor in The Faculty of Architecture at The University of Hong Kong. She has lectured widely in the leading institutions on topics of environmental design and urban climatic application. She has been invited by international organizations including WMO and UNEP to develop urban climate related guides, reports and training materials. She serves as an editorial advisor for *Cities & Health* and an associate editor for *Urban Climate* (2018-2020). She is a board member of the International Association for Urban Climate (2017-2021).

Language: English

Date: 28 February 2019 (Thursday)

Time: 4:30-6:00pm

Venue: Room 221

**Chen Kou Bun Building
Chung Chi College**

~All are Welcome~

For any inquiries, please contact Prof. Li Jing (Tel. 3943 6537 or Email: victorli@cuhk.edu.hk).