



Department of Geography --- Public Seminar Series

“Natural experiment studies in transport and health”

Speaker:

Dr. Guibo Sun

Assistant Professor

Department of Urban Planning and Design
The University of Hong Kong

Date: 8th November, 2018 (Thursday)

Time: 2:30 – 4:00 pm

Venue:

Room AAB1312, Multi-purpose Room, Faculty of Social Sciences
Academic and Administration Building (AAB), Baptist University Road Campus
Hong Kong Baptist University

ALL ARE WELCOME!

Public transport use may influence physical activity, social exclusion, subjective-wellbeing and other related health outcomes. The linkage among public transport system, mobility and health is based largely on cross-sectional research that is limited by its inability to infer causal estimations. A natural experiment can be used to examine before-and-after outcomes in areas affected and unaffected by new transport systems. It is useful for testing the impact of public transport interventions, which may not be amenable to controlled experiments, and catering the questions of what works and estimating the magnitude of effects.

In this seminar, I will present a review of natural experiment studies related to transport and health. I will discuss challenges in the experimental design and research method. I will use three projects, funded by GRF and NSFC, to elaborate on the opportunities for conducting natural experiment studies in transport and health in Chinese cities.



Dr. Guibo Sun is an Assistant Professor within Department of Urban Planning and Design at the University of Hong Kong. His research focuses on the impact of the urban design on a range of social outcomes and health behaviours. He received his PhD in Geoinformation Science and Human Geography from The Chinese University of Hong Kong (2014). After doctoral training, he have four-years research experiences as a research associate, postdoctoral fellow, and research assistant professor.