

**2022.11.29 (TUE) 14:00–15:00**

**Hybrid** Onsite: Room 470, Research Complex, Kashiwa Campus, the Univ. of Tokyo  
Online: Zoom (The zoom link will be sent to you on the day of the seminar.)

**Invited Speaker:**

**Prof. Perry Yang**

*Professor & Director of Eco Urban Lab.,  
School of City and Regional Planning &  
School of Architecture,  
Georgia Institute of Technology, USA*



## **Urban Systems Design: Incorporating Data Analytics into Design for Future City Development**

*Future cities development is becoming data-driven in the context of data science, pervasive computing, internet of things (IoT) and urban automation. The emerging technologies are changing models of future urban living in the post-cyber space era. Ideas and methods for designing of zero carbon smart cities are urgently needed. They consist of smart homes, creative work places, interactive public spaces and critical infrastructure systems that are becoming situational, and have to be more adaptable and resilient for future changes. The talk introduces emerging models of smart cities development in Asian primate cities, including Tokyo. It explores future urban living in the face of global climate change, radical urban changes and impacts of emerging technologies to cities development. Asian primate cities are facing these challenges and are experimenting new models of smart cities living laboratory to reduce urban carbon emission to zero before 2050 and to meet U.N. Sustainable Development Goals (SDG). Novel methods are to be developed to integrate city information system, creative design, systems engineering, policy and technological applications to offer solutions and strategies for addressing the above global challenges.*



**\*Registration required.**

The presentation will be given in English.

Please register your e-mail address on the Google form by the day before.

<https://forms.gle/v4LTTPoPaQwo3PDp8>

The zoom link and onsite information will be sent to you on the day of the seminar.

[Event Host: Center for Spatial Information Science, The Univ. of Tokyo, Japan]