International Workshop on Data-Intensive Urban Studies

Dates: March 1 – 2, 2019

Venue: Hearton Hotel Kyoto

As the 21ˢᵗ century begins to take shape, the main challenges to global sustainability seem to converge around the ongoing digital revolution (driven by new sources of data) and the urban space as the undisputable nucleus of human activity. Consequently, the significance of data-intensive forms of scientific and business entrepreneurship, never before being so clear, becomes in the current era the primary element underpinning some of the most exciting developments. It is therefore no surprise that the application of quantitative approaches to the solution of modern problems is now being profusely adopted in the context of large urban centers in traditional areas such as traffic control and waste management and also in relation to more dynamic aspects of life such as political participation, crime prevention, and local entrepreneurship. It is this capacity to inform and improve urban planning, design and governance that currently drives scientific research in a wide array of fields, and leads the way towards more efficient and sustainable forms of living in metropolitan areas across the globe.

Following its mission, the Center for Southeast Asian Studies (CSEAS) of Kyoto University responds to these developments by fostering the adoption of quantitative methods of measurement and analysis applied to area studies, striving to push the boundaries of current knowledge. Consequently, on this occasion CSEAS is organizing an *International Workshop on Data-Intensive Urban Studies* with the desire to host novel inquiries at the cutting edge of science. Informed by the results of rigorous data collection and analysis efforts, invited presentations to this workshop will offer exclusive insights from diverse disciplines into issues concerning the city and its inhabitants. This multidisciplinary glimpse to urban life and design will serve as a common ground over which participants can discuss future research agendas in terms of topics and methodologies.

	Day 1 – March 1, 2019 Urban Planning and Design	Day 2 – March 2, 2019 Urban Governance
9:20am – 9:30am	Welcome speech	Welcome speech
9:30am – 10:30am	Session 1 Speaker: *Salman Ahmed SHAIKH* *(National Institute of Advanced Industrial Science and Technology)* Title: *Continuous Point Cloud Data Processing for Urban Planning*	Session 6 Speaker: *Hooman FARZANEH* *(Kyushu University)* Title: *Devising a Clean Energy Strategy for Asian Cities*
10:30am – 10:45am	Tea break	
10:45am – 11:45am	Session 2 Speaker: *Roberta GALVÃO* *(University of São Paulo)* Title: *Urban Expansion and Rural Area Transformation in Kyoto*	Session 7 Speaker: *KOBAYASHI Erika* *(Tokyo Metropolitan Institute of Gerontology)* Title: *Social Ties among Japanese Older Men and Women in Urban Areas*
11:45am – 1:30pm	Lunch	
1:30pm – 2:30pm	Session 3 Speaker: *KIM Minseo* *(Chiba University)* Title: *The Inference from Familiarity with Urban Green Space toward Informal Green Space*	Session 8 Speaker: *MURAKAMI Yusuke* *(Kyoto University)* Title: *Comparative Democratic Values in Urban and Rural Peru*
2:30pm – 2:45pm	Tea break	
2:45pm – 3:45pm	Session 4 Speaker: *Kittikun POOLSAWAT* *(Kyoto University)* Title: *System Dynamics Model for Community Based Renewable Energy*	Session 9 Speaker: *Joseph POZSGAI-ALVAREZ* *(Kyoto University)* Title: *Population Density and Corruption Tolerance in Latin America*
3:45pm – 4:00pm	Tea break	
4:00pm – 5:00pm	Session 5 Speaker: *Patrick JANSSEN* *(National University of Singapore)* Title: *Computational Design for Everyone*	Session 10 Speaker: *Roman MARCHANT* *(The University of Sydney)* Title: *Machine Learning for Criminology*