

International Seminar on Integration of Spatial Computable General Equilibrium and Transport Modelling

1 Introduction

While so far in transport modelling the assumptions concerning product markets and labor markets have been rudimentary, also in economic geography models connection to the transport system models is done with little detail. Integrating economic geography models with transportation models still requires progress in

- The understanding of behavioral principles of the two subsystems:
- Mathematical modelling of joint passenger/freight systems,
- Estimation approaches for combined models
- Applications at global, national, regional and urban scale.
- Economic evaluations of transport projects in Europe and Asia.

The contributors will present recent development of this fields and further discussion. Different modelling issues will be introduced by speakers (origin of the problem, state of the art, solution paths, work needed) and discussed in the seminar.



2. Seminar Outline

Date February-27th-29th, 2020

Venue Kobe University Brussels European Centre (KUBEC),
(Boulevard de la Plaine 5 Pleinlaan, 5th floor Bruxelles 1050 Brussel)

Chairs Professor Atsushi Koike, Kobe University
Professor Lori Tavasszy, TU Delft

Secretariat Asso. Prof. Tomoki Ishikura, Tokyo Metropolitan University

3. Conference Program (working titles, attendance to be confirmed)

Feb 27th

19:30-21:30 organizing committee meeting

invitation only (Chairs and Secretariat)

Feb 28th

8:50-9:00 Opening Address

Lori Tavasszy (TU Delft)

9:00-11:00 Session 1

Julio Fournier (DIW Berlin),

11:00-11:15 Break

11:15-12:15 Session 2

Kazunori Nakajima (University of Hyogo): TBA

Christophe Heyndrickx (Transport & Mobility Leuven): Urban Spatial General Equilibrium Model

12:15-13:30 Break

13:30-15:00 Session 3

Jasper Verschuur (the University of Oxford): Evaluating the resilience and vulnerability of global port infrastructure and the interdependent supply chain system

Hajime Seya (Kobe University): TBA

15:00-15:15 Break

15:15-17:45 Session 4

James Lennox (Victoria University): TBA

Tomoki Ishikura (Tokyo Metropolitan University): Impacts to road transport network caused by volcanic ashfall

17:45-18:00 Closing Remarks

Atsushi Koike (Kobe University)

Feb 29th

9:00-11:30 Academic meeting for future cooperation

All participants