Examining Airport Categorization and the Evolving Dynamics of Airports

A multimodal transport approach in the context of China

You are kindly invited to the public defense of the PhD dissertation of

Yuting Chen

Monday 11 December, 2023 at 5 P.M. (Brussels time)
UGent, Campus Sterre, Krijgslaan 281, 9000 Ghent
Lecture room 2.4 at S8 building

After the defense, you are welcome to attend the reception.
Please confirm your in person attendance before 6th December by email: yuting.chen@ugent.be

Online livestream :
https://ap.lc/PFCPH

GHENT UNIVERSITY

FACULTY OF SCIENCES

SEG
research unit

Summary

In a world with many different transport options, we are interested into how transport and mobility systems compete with one another and/or lead to synergies. This study conducts a simultaneous analysis of airport segmentation and their evolutionary mechanisms within the aviation market with the introduction of the high speed rail. Drawing from five years of airport data prior to the pandemic, we identified various facets of airport category dynamics and trends. We also studied how airports responded differently to the challenges of COVID-19, considering factors such as airport clusters and multi-airport regions. To understand the factors influencing these diverse airport responses, we designed a framework with multidimensional variables and applied panel regression and grouped regression to pinpoint the key factors at play.

Supervisors
Prof. dr. Frank Witlox (Ghent University)
Prof. dr. Kurt Fuellhart (Unison Consulting)

About the author

Yuting Chen (1992, China) experienced education at Ghent University (PhD, December 2023), Nanjing University of Aeronautics and Astronautics (MSc, April 2018). In September 2018, Yuting began her doctoral training program in the Social and Economic Geography (SEG) research group of Ghent University, funded by the China Scholarship Council (CSC). Her main research topic is the evolution of airport classification in the context of multimodal transport and the pandemic effect on aviation network, with publications on European Journal of Transport & Infrastructure Research and Journal of Air Transport Management.

Examination Committee
Prof. dr. Liang Dai
(Nanjing University of Finance and Economics)
Prof. dr. Tony H. Grubesic
(University of California at Riverside)
Prof. dr. Theo Notteboom
(Ghent University)
Prof. dr. Kevin B. O'Connor
(University of Melbourne)

Chair
Prof. dr. Veerle Van Eetvelde
(Ghent University)