

Yongha Park

Department of Geography
The Ohio State University
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EDUCATION

Doctor of Philosophy, Geography (Candidate)

The Ohio State University, Columbus, OH, USA

Advisor: Dr. Morton E. O'Kelly

Fall 2011 – Spring 2017

Dissertation: Multi-dimensional approaches for air transportation systems at the scales from US domestic to global networks

(expected)

Master of Arts, Geography Education

Seoul National University, Seoul, Korea

Advisor: Dr. Sang-Il Lee

Spring 2008 – Fall 2009

Thesis: The Analysis of Residual Distribution in Spatial Interaction Model Using Local Spatial Association Measure

Bachelor of Arts, Geography Education

Seoul National University, Seoul, Korea

Spring 2001 – Fall 2007

EMPLOYMENT

Graduate Research Assistant

The Ohio State University

Summer 2016 –

Airport access, NextTran Year V Funds sponsored by Purdue University, PI: Dr. Morton E. O'Kelly

(Summer 2016 –)

Graduate Teaching Assistant

The Ohio State University

Spring 2016

Graduate Research Assistant

The Ohio State University

Fall 2011 – Fall 2015

Airport access, NextTran Year V Funds sponsored by Purdue University, PI: Dr. Morton E. O'Kelly

(Summer 2014 – Fall 2015)

The Environmental Impact of Gateways and Hubs in International Air Transportation, The National Science Foundation, BCS-1125840, PI: Dr. Morton E. O'Kelly

(Fall 2011 – Spring 2014)

Graduate Teaching Assistant

Seoul National University

Spring 2008, Fall 2009

Department Secretary (Staff)

Department of Geography Education, Seoul National University

Fall 2008 – Spring 2009

PUBLICATIONS

Peer-reviewed articles

- Park, Y., and O'Kelly M.E., 2016, "Exploring accessibility from spatial interaction data: An evaluation of the Essential Air Service (EAS) program in the contiguous US air transport system", *Environment and Planning A*. (Revised and Resubmitted)
- Park, Y. and O'Kelly M.E., 2016, "Examination of optimal aircraft fleets using empirical operation data in US aviation markets", *Journal of Air Transport Management*. (Revised and Resubmitted)
- Park, Y. and O'Kelly M.E., 2016, "Origin-Destination (OD) Synthesis for Aviation Network Data: Examination of hub operations in the US domestic and international markets", *Journal of Advanced Transportation*. (Submitted for Initial Review)
- Park, Y. and O'Kelly M.E., 2014, "Fuel burn rates of commercial passenger aircraft: variations by seat configuration and stage distance", *Journal of Transport Geography*, vol. 41, pp. 134-147.

PRESENTATIONS

- Park, Y. and O'Kelly, M.E., "Aircraft fleet assessment of air carriers in the US domestic and international aviation market", *Annual Meeting of the Association of American Geographers*, San Francisco, CA, USA, March 31, 2016.
- Park, Y. and O'Kelly, M.E., "Origin-Destination (OD) Synthesis for Aviation Network Data: Validation and Application for International Flows", *Annual Meeting of the Association of American Geographers*, Chicago, IL, USA, April 24, 2015.
- Park, Y. and O'Kelly, M.E., "Operational Assessment of Fuel Consumption with Aircraft Fleet Composition for Long-Haul Intercontinental Passenger flights", *Annual Meeting of the Association of American Geographers*, Tampa, FL, USA, April 12, 2014.
- Park, Y., "Analyzing OD Flow Pattern of Air Traffic from Link Basis Count Data: An Application in terms of Hub-and-Spoke System", *Annual Meeting of the Association of American Geographers*, Los Angeles, CA, USA, April 12, 2013.
- Park, Y., "The Analysis of Residual Distribution in Spatial Interaction Model Using Local Spatial Association Measure", *Annual Meeting of the Korean Urban Geographical Society*, Seoul, Korea, December 12, 2009.

TEACHING

INSTRUCTOR

The Ohio State University

GEOG5201: Computer Cartography and Geographical Visualization

Spring 2016

LAB INSTRUCTOR & TEACHING ASSISTANT

Seoul National University

Training ArcGIS (for Secondary school teachers)

January 2009 – 2010

Training ArcGIS (for Beginner and Expert levels)

August 2008 – 2009

Geographical Information System and Geography Education

Fall 2009

Cartography

Spring 2008

GRANTS, HONORS & AWARDS

E. Willard & Ruby S. Miller Fellowship (\$4,000)

May 2016

CURA Award, Center for Urban and Regional Analysis (\$500)

April 2015

CURA Award, Center for Urban and Regional Analysis (\$500)

April 2014

SIM Travel Award, Korean-American Association for Geospatial and

Environmental Sciences (KAGES, \$500)

April 2013

PROFESSIONAL DEVELOPMENT IN TEACHING

WORKSHOPS & TRAININGS

The Ohio State University

Planning a Class Session

Fall 2015

Got Motivation? Strategies for Empowering Students in their
Academics

Fall 2015

Real-Time Feedback from Classroom Assessment Techniques

Fall 2015

Facilitating Classroom Discussion

Fall 2015

Ways to Talk with Your Students about Research in Your
Discipline

Fall 2015

Making Sense of Student Feedback

Fall 2015

Teaching as a Grader

Fall 2015

Writing and Critical Thinking: Quick and Easy Assignments for
Any Classroom

Fall 2015

Developing Effective Presentation Skills in Class

Fall 2015

PROFESSIONAL ACTIVITIES

SESSION ORGANIZATION & CHAIR

Air Traffic Networks, Session Chair, *Annual Meeting of the Association of American Geographers*, Los Angeles, CA, USA April 2013

CERTIFICATES

The Certificate for Secondary School Teacher in Geography, issued by the Ministry of Education, Korea February 2008