# Sohyun Park

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Date of Update: 04/08/2019

## EDUCATION

| | |
|---|---|
| 2017-Current | Ph.D. Student, Geography, *Ohio State University* |
| | *Advisor: Darla K. Munroe* |
| 2013-2015 | M.A. Geography, *Seoul National University, South Korea* |
| | *Thesis Title: The Formation and dynamics of Technological knowledge network in Korea Steel Industry* |
| | *Advisor:Yangmi Koo* |
| 2007-2012 | B.S. Civil and Environmental Engineering, Minor in Management Science, *Korea Advanced Institution of Science and Technology (KAIST), South Korea* |

## AWARDS & HONORS

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|---|---|
| 2019 | Center for Real Estate Research Award, *Ohio State University* |
| 2019 | Global Gateway Graduate Student Research Abroad Grant, *Council of Graduate Students, Ohio State University* |
| 2019 | Sim Student Travel Award, *Korean-American Association for Geospatial and Environmental Sciences* |
| 2018 | Fenburr Scholarship for Women and Underrepresented Groups, *Ohio State University* |
| 2017 | Robert Max Thomas Graduate Fellow, *Ohio State University* |
| 2017 | Robinson Research Award, *Ohio State University* |
| 2014 | Seoul Paper Contest 3rd grade award, *Seoul Institute* |
| 2013-2015 | Graduate Scholarship, *National Research Foundation of Korea* |
| 2013-2015 | Graduate Scholarship, *Usan Yookyoung Foundation* |
| 2012 | Top honor, Summa cum laude, *KAIST* |

## RESEARCH INTERESTS

- socio-ecological interactions, environmental governance, land use change
- Fresh Fruit and Vegetable (FFV), seed industry
- flow data, visualization, predictive model

## PROFESSIONAL EXPERIENCES

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|---|---|
| 4/2016-8/2017 | Researcher / Administrative Staff |
| | *The Institute for Korean Regional Studies, Seoul, South Korea* |
| | *Project title:* Constructing Agent-Based Model for Land use in unification of Korea |
| | - Archiving socio-economic data and digitizing spatial data |
| 12/2014-12/2015 | Assistant Research Fellow |
| | *Architecture & Urban Research Institute (AURI), Sejong, South Korea* |
| | *Project title:* Survey Study for Policy Reform on Greenbelt in Korea |

- · Survey design and sampling based on spatial data
- · Analyzing survey result using ArcGIS and R studio
- · Focus interview on major stakeholders

## RESEARCH EXPERIENCES

| 12/2013-2/2016 | Study for Industrial Ecology as Regional Development Model in Sunchang |
| | *Seoul National University, Sunchang-Si Government* |
| 8/2013-2/2014 | Study for Labor Market of Elders in Urban area: Case study of Seoul |
| | *Seoul National University, National Research Foundation of Korea* |

## TEACHING EXPERIENCES

| 1/2019-current | TA: Grading, facilitating individual project |
| | *GEOG 5229 Topics in GIS, Ohio State University* |
| 1/2018-12/2018 | Grader |
| | *GEOG 5201 Geovisualization/GEOG 5200 Cartography, Ohio State University* |
| 1/2018-5/2018 | TA: Instructing labs on R statistical program |
| | *GEOG 5100 Spatial Data Analysis, Ohio State University* |
| 3/2016-12/2016 | TA: Setting up schedule, advising team projects, and organizing book publish |
| | *Department Field Trip to Hanoi, Seoul National University* |
| 3/2013-6/2013 | TA: Grading, advising team projects |
| | *Economic Geography, Seoul National University* |

## PEER-REVIEWED JOURNAL ARTICLES

0. Park, S., & Munroe, D. (2019). Visualizing Global Virtual Land Flow: using halfcircle diagram (in progress, target journal: Land Use Policy)

0. Ha, H. J., & Park, S. (2019). Different Roles of LIHTC on the Migration Patterns by Economic and Ethnic Statuses: A Focus on Ohio's MSAs (in progress, target journal: Urban Geography)

3. Huh, D., Park, S., & Koo, Y. (2016). Fusion of industrial technological knowledge and formation of regional industrial ecosystem: case study of Sunchang fermented soy product industry, *Economic Geographical Society for Korea, 19*(3), 566-582. *(In Korean)*

2. Park, S. (2016). Changes in Korea Steel Industry and Formation Process of Technology-knowledge network, *Economic Geographical Society for Korea, 19*(3), 474-490. *(In Korean)*

1. Park, S., Kim, K., & Koh, B. (2014). A study on the Estimation of Supply and Demand for Children's Park, *Seoul Urban studies, 15*(3), 79-93. *(In Korean)*

## DEVELOPMENT

1. Park, S., & Xiao, N. (2018). halfcircle: Plot Halfcircle Diagram. R package version 0.1.0. https://CRAN.R-project.org/package=halfcircle

## CONFERENCE PRESENTATIONS (SPEAKER UNDERLINED)

| 2019 | 2019 AAG Annual Meeting, Washington D.C., USA. Presentation Title: *Visualizing Global Virtual Land Flow: using halfcircle diagram*. Park, S., Munroe, D. |

2018 2018 IGU Regional Conference, Quebec city, Canada. Presentation Title: *Evolution of global fruit and vegetable trade and its determinants, 1986-2013*. <u>Park, S.</u>

2015 Fourth Global Conference on Economic Geography, Oxford, UK. Presentation Title: *The Formation and dynamics of Technological knowledge network in Korea Steel Industry*. <u>Park, S.</u>

2014 The 9th KOREA-CHINA-JAPAN Joint conference on Geography, Busan, South Korea. Presentation Title: *A study on the Estimation of Supply and Demand for Children's Park.* <u>Park, S.,</u> Kim, K., Koh, B.

## PUBLIC PRESENTATIONS

2018 2018 GEOWeeks Graduate Student Research Forum, Ohio State University. Title: *Halfcircle: An R package for visualizing bidirectional flows*. <u>Park, S.</u>

## WORKSHOPS, TRAININGS, AND OTHER PROFESSIONAL DEVELOPMENTS

2019    Initial Submissions and Buck-IRB, Grant Writing, An Introduction
      *Research Commons of Ohio State University*

7/2018   Young Economic Geographers Network Workshop 2018

8/2017   Teaching Orientation, *UCAT of Ohio State University*

## VOLLUNTEERS & SERVICES

3/2019   Proctoring poster presentation at Edward F. Hayes Graduate Research Forum 2019

## SKILLS

- Statistics & Spatial analysis: R package, ArcGIS, QGIS, SatScan, GeoDa

- Network analysis: Netminer, UCInet

- Language: Japanese