

JI SOO KIM

jisoo311@gmail.com

EDUCATION

Korea Advanced Institute of Science and Technology (KAIST), South Korea	2022 – present
Ph.D. candidate	
M.S., Future Strategy	2024
Georgetown University, Washington, DC	2012 – 2015
B.A., Government; Minor in African American Studies and Spanish, <i>magna cum laude</i>	2015

PUBLISHED JOURNAL ARTICLES

Kim, JS. & Kim, S.K. (2024). Ageing population and green space dynamics for climate change adaptation in Southeast Asia. *Nature Climate Change*. 14, 490–495.

<https://doi.org/10.1038/s41558-024-01980-w>.

Kim, JS. & Kang, S.H. (2024). Climate Change and Wildfire Dynamics in South Korea: A Systematic Review of Research and Policy Implications. *Journal of Environmental Policy and Administration*. <https://doi.org/10.15301/jepa.2024.32.S.77>.

WORKS IN PROGRESS

Kim, JS., Lindl, F., Dedring, S. & Klimont, Z. Effectiveness of the ASEAN Agreement on Transboundary Haze Pollution

Kim, JS. & Woo, H., Climate Change and Migration Networks: Spatial Dynamics of Climate-Induced Mobility

CONFERENCE PRESENTATIONS

Kim, JS. “Urbanization, Electric Vehicles, and the Environmental Kuznets Curve.” *Association of Collegiate Schools of Planning Annual Conference*, Minneapolis, Minnesota. October 2025.

Kim, JS. “Effect of the ASEAN Agreement on Transboundary Haze Pollution.” *International Institute for Applied Systems Analysis 2025 YSSP Colloquium, Vienna, Austria*. August 2025.

Kim, JS. & Woo., H. “Mapping Climate Migration: New Trends and Policy Implications.” *2025 International Political Science Association World Congress of Political Science*, Seoul, South Korea. July 2025.

Kim, JS. & Woo., H. “Climate Change and Migration Networks: Spatial Dynamics of Climate-Induced Mobility.” *Sunbelt 2025 Conference of the International Network for Social Network Analysis*. Paris, France. June 2025.

Kim, JS. “Do speed cameras discriminate?” *Association of Collegiate Schools of Planning Annual Conference*, Seattle, Washington. November 2024.

Kim, JS. & Kang, S.H. “The Effects of Climate Change-Induced Wildfire Patterns on Mobility.” *Korea Safety Health Environment Foundation*, Seoul, South Korea. November 2024.

INVITED TALKS

“Effect of the ASEAN Agreement on Transboundary Haze Pollution.” *Complexity Science Hub, Vienna, Austria*. August 2025.

“The Impact of Automated Speed Enforcement Cameras on Korea’s Regional Socioeconomic Development.” *KAIST College of Convergence Science, Daejeon, South Korea*. December 2024.

“Public Leadership: Citizen Science.” *Korea Institute of Public Administration, Seoul, South Korea*. March 2023.

“Climate Change, Eurasia and South Korean Policies: Geopolitical Perspective.” *Korea Eurasian Policy Institute, Seoul, South Korea*. August 2022.

FELLOWSHIPS & AWARDS

Young Scientists Summer Program Fellowship 2025

INSNA Student Travel Award 2025

National Presidential Science Scholarship for Graduate Students 2024 – 2028

KAIST Excellent Publication Award 2024

Question, Advanced Research, Internationalization, Start-up, and Trust (QAIST) Award 2024

KAIST College of Convergence Science Graduate Student Project Contest Grant 2024

Women In Science, Engineering and Technology Mentoring Program 2024 – 2025

KAIST Excellent Teaching Assistant Award 2024

KAIST Scholarship 2024

RESEARCH EXPERIENCE

“Required innovation capability indicators for transition from catch-up to post catch-up” 2025
PI: [Jae Young Choung](#), KAIST School of Business and Technology Management

“Mobility 100” 2024 – 2025
PI: [Moon Choi](#), KAIST Graduate School of Science and Technology Policy

“Mentoring Future Professors of Color Program”, *Washington, DC* 2016
PI: [Angelyn Mitchell](#), Georgetown University

BOOK CHAPTERS

Kim, JS. (2023). "Aging Population and Climate Change Adaptation Policies." In K. Y. Lee, S. Han, J.A. Shim, & S.P Park (Eds.), *KAIST: Future Technology, Human, and Environment*. (pp. 307-316). Kwangmoonkag.

TEACHING EXPERIENCE

Korea Advanced Institute of Science and Technology Seoul, South Korea
Teaching Assistant

Complex System and Economies and Societies	2025
Carbon Neutrality and Policy	2024, 2025
Foresight in Practice: Process and Methods	2024, 2025
Future Urban Planning and Environmental Analysis	2023

Georgetown University Washington, DC
Teaching Assistant

Introduction to Microeconomics	2016
Fundamentals of Economics	2015, 2016
Fundamentals of Business	2015, 2016

PROFESSIONAL EXPERIENCE

The Sejong Institute, Seoul, South Korea 2019 – 2022
(think tank under the Ministry of Foreign Affairs of South Korea)
Researcher

Sensata Technologies, Boston, MA (remote) 2017 – 2019
Project Manager

Korea Trade-Investment Promotion Agency, Washington, DC 2015 – 2017
(national organization under the Ministry of Trade, Industry and Energy of South Korea)
Analyst

SKILLS

Language: English (fluent), Korean (fluent), Spanish (proficient), Latin (read and write)

Tools: ArcGIS, Blender, Gephi, JavaScript, Python, R, STATA, QGIS

REFERENCES

Full academic and professional references supplied upon request

[LinkedIn](#)