

# JI SOO KIM

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## EDUCATION

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**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, *magna cum laude* 2015

## PUBLISHED JOURNAL ARTICLES

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**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

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**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

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**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

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“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

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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

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“Required innovation capability indicators for transition from catch-up to post catch-up” PI: <a href="#">JaeYoung Choung</a> , KAIST School of Business and Technology Management	2025
“Mobility 100” PI: <a href="#">Moon Choi</a> , KAIST Graduate School of Science and Technology Policy	2024 – 2025
“Mentoring Future Professors of Color Program”, <i>Washington, DC</i> PI: <a href="#">Angelyn Mitchell</a> , Georgetown University	2016

## BOOK CHAPTERS

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**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

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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

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**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

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

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

## REFERENCES

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Full academic and professional references supplied upon request

[LinkedIn](#)