

# JOHN D. KIM

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## EDUCATION

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|----------------------------------------------------------------------------------------|-----------------------------|
| <b>Georgia Institute of Technology</b><br>Ph.D. in Public Policy (Minor in Economics)  | <i>June 2026 (expected)</i> |
| <b>University of Chicago</b><br>M.A. in Public Policy ( <i>Graduated with Honors</i> ) | <i>June 2020</i>            |
| <b>Sogang University</b><br>B.A. in Mass Communications                                | <i>February 2016</i>        |

## PUBLICATIONS

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**Kim, J.**, J. Bozeman, S. Carley, D. Konisky, D. Matisoff, and J. Michalek, “Beyond the cost: Electric vehicle ownership and adoption intent in US households,” *Transportation Research Part D*, 2025.

**Kim, J.**, E. Lee, and E. Choi, “Social justice, fairness and exclusion in the south korean electricity sector,” *Energy Research & Social Science*, 2019.

## WORKING PAPERS

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**Kim, J.**, “Lights out, crime up? Evidence from national power outages data,” Ready for submission to *The Review of Economics and Statistics*.

**Kim, J.** and B. An, “High-resolution analysis of power outages exposes environmental injustice in electric grid restoration,” Under review at *Nature Communications*.

**Kim, J.**, D. Matisoff, and D. Noonan, “Crafting innovation: How policy and place shape craft brewery entrepreneurship,” Under review at *Journal of Business Venturing*.

**Kim, J.** and D. Matisoff, “EPA interventions and property values: Evidence from Atlanta Westside Lead Superfund site,” Under review at *Journal of Environmental Planning and Management*.

G. Lv, **J. Kim**, Y. Wang, and C. Chen, and B. An, “Utility Structure, Pricing, and Energy Incentive Programs: Utility-level Analysis of Household Electricity Use in the Southeastern US,” Under Review at *Energy Policy*.

B. An, M. Thu, **Kim, J.**, and D. Kang, “Small modular reactors (SMRs) and smart energy cities: Techno-socioeconomic analysis of global energy plans,” Under review at *Applied Geography*.

## WORK IN PROGRESS

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**J. Kim**, B. An, and J. Lindo. “The Dark Side of the City: The Impact of Power Outages on Crime in Los Angeles”

**J. Kim**, B. An, B. Michael, K. Zhang, and Y. Ye. “From snapshots to events: A comparative analysis of algorithms for reconstructing power outage data”

B. An, and **J. Kim**, “Power outages and public health: Findings from high-resolution outages and EMS data”

**J. Kim**, and Y. Liu, “Transportation access for elderly population in the US”

## TEACHING EXPERIENCE

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|----------------------------------------------------------------------------------|--------------------|
| Economics of Environmental Policy ( <i>Head TA</i> , Graduate Level)             | <i>Spring 2025</i> |
| Sustainable Energy & Environmental Management ( <i>Head TA</i> , Graduate Level) | <i>Fall 2024</i>   |

## POLICY BRIEFS/REPORTS

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An, B., Spiller, A., and **Kim, J.** “A Pathway Forward for the Weatherization Assistance Program Evaluation: Measurement and Verification 2.0.” (2024). *Prepared for Oak Ridge National Laboratory Energy Science and Technology Directorate Buildings and Transportation Science Division.*

## CONFERENCE PRESENTATIONS

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**Association of Environmental & Resource Economists (AERE)** Summer 2025

- *Lights Out, Crime Up? The Effects of Power Outages on Crime in the United States* (First Author)

**Association for Public Policy Analysis and Management (APPAM)** Fall 2024

- *Crafting Innovation: Policy Impact & Firm Agglomeration in the Craft Brewery Industry* (First Author)
- *Socioeconomic and Environmental Drivers of Power Outages: Neighborhood-Level Analysis Using Real-Time Power Outages Data* (First Author)

**Association for Public Policy Analysis and Management (APPAM)** Fall 2023

- *Systemic Inequity or Random Events? Neighborhood-Level Analysis of Power Outages Using Real-Time Data* (First Author)

## ACHIEVEMENTS

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|                                                                       |                          |
|-----------------------------------------------------------------------|--------------------------|
| Energy Policy & Innovation Center (EPIcenter) Summer Research Program | Summer 2025              |
| Herbert P. Haley Fellowship Awards (Georgia Tech)                     | Fall 2024 - Spring 2025  |
| Harris Scholarship (UChicago)                                         | Fall 2019                |
| Honors Scholarship (Sogang University)                                | Spring 2013, Spring 2014 |

## PROFESSIONAL EXPERIENCE

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|---------------------------------------------------------------|---------------------|
| Policy Researcher (Korea Institute of Science & Technology)   | Dec 2020 - Jul 2022 |
| Research Assistant (Korea Institute of Public Administration) | Sep 2020 - Dec 2020 |
| Policy Researcher (Seoul Institute)                           | Apr 2018 - Mar 2019 |
| Visiting Scholar (Fraunhofer ISE)                             | Sep 2016 - Feb 2017 |
| Sergeant (Korean Augmentation to the US Army)                 | Feb 2011 - Nov 2012 |

## INVITED TALKS AND PRESENTATIONS

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|--------------------------------------------------------------------------------|--------------------------|
| Sandia National Laboratories (Electric Grid Security Group)                    | May 2025                 |
| Atlanta Regional Commission (ARC)                                              | May 2025; September 2024 |
| National Electric Energy Testing, Research & Applications Center (NEETRAC)     | February 2025            |
| Korea Advanced Institute of Science & Technology (KAIST)                       | June 2024                |
| KDI School of Public Policy and Management                                     | June 2024                |
| Korea University Graduate School of Energy and Environment                     | June 2024                |
| Energy Policy & Innovation Center (EPIcenter)                                  | February 2024            |
| Southeastern Workshop on Energy & Environmental Economics and Policy (SWEEEP)  | October 2023             |
| Energy & Environmental Justice Workshop (University of Tennessee at Knoxville) | October 2023             |

## REFEREE AND REVIEWER SERVICE

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IEEE Transactions on Energy Markets, Policy, and Regulation

## SKILLS/HOBBIES/CITIZENSHIP STATUS

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|------------------------------|--------------------------------------------------------------|
| <b>Programming Languages</b> | Python, STATA, R, GIS, L <sup>A</sup> T <sub>E</sub> X, GAMS |
| <b>Languages</b>             | English (native), Korean (native), Spanish (elementary)      |
| <b>Citizenship</b>           | United States/South Korea                                    |