

Jaeyong Jung

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EDUCATION

- | | |
|---|--------------|
| Colorado State University | 2023–Present |
| Ph.D. Student, Department of Agricultural and Resource Economics (Expected August 2028) | |
| Advisor: Dr. Jesse Burkhardt | |
| Virginia Tech | 2022–2023 |
| M.S. Agricultural and Applied Economics | |
| Advisor: Dr. Zhenshen Chen | |
| Dankook University | 2020 |
| M.A. Economics | |
| Advisor: Dr. Hong Chong Cho | |
| Dankook University | 2017 |
| B.A. Economics | |

RESEARCH INTERESTS

Environmental and Energy Economics, Climate Change Adaptation, Remote Sensing

PUBLICATIONS

- **Jung, J.** and H.C. Cho (2019). “The impact of the energy conversion policy and aging on the national economics: analysis using stochastic overlapping generation equilibrium model,” *Korean Energy Economic Review*, 18(1), 1-31.
- **Jung, J.** and H.C. Cho (2019). “Analysis of Korean Pension System and Alternatives Using Stochastic Overlapping Generation General Equilibrium Model,” *Korea and the World Economy*, 20(3), 219-258.

WORKING PAPERS

- “Estimating the Health Impacts of Ammonia Emissions from CAFOs: Evidence from CrIS Satellite Data.”
- “Monitoring and Quantifying Ammonia Emissions from Concentrated Animal Feeding Operations (CAFOs) using Station-level Monitoring Data.”
- “Forecasting Energy Price Errors with High-Resolution Weather Data” (Collaboration with NOAA).
- “Bias Induced by Fixed Effects in the Presence of Collider Variables: A Theoretical Approach.”

RESEARCH EXPERIENCE

Colorado State University

2023–Present

Graduate Research Assistant

- Modeling ammonia emissions from CAFOs using satellite data

NOAA (National Oceanic and Atmospheric Administration)

2024–Present

Research Assistant

- Processing high-resolution weather data to analyze the economic value of forecasting errors in energy markets.

Virginia Tech

2022–2023

Graduate Research Assistant

- Project: Forecasting LNG Price considering decoupling of gas and oil price (Advisor: Dr. Chi Ta).
- Project: Household energy usage analysis with RECS data set (Advisor: Dr. Zhenshen Chen).

AWARDS

- National Outstanding Scholarship for Graduate Students, Korea (2019)
- Excellence Award, Korean Resource Economics Association (2018)