



Michigan State University  
Department of Agricultural,  
Food, and Resource Economics

## Minsu Kim

kimmins9@msu.edu | (517) 775 9054  
Room 205-20, 458 W Circle Dr, East Lansing, MI 48824  
Updated 10/17/2022  
<http://sites.google.com/view/ecominsu>

### Research & Teaching Interests

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Primary Field: Energy, Resource, and Environmental Economics and Policy

Secondary Field: Public Economics, Regional Economics and policy

### Education

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**Michigan State University**, Ph.D. dual degree in Economics and Agricultural, Food, and Resource Economics Jul. 2023 (exp)

Dissertation: *Three Essays in Energy and Resource Economics for the Optimal Energy Transition*

Committee: Richard D. Horan (Chair), Scott Swinton, Soren T. Anderson, A. Justin Kirkpatrick

**Seoul National University**, Master of City Planning in Environmental Studies (oriented to Public Policy) Feb. 2017

Dissertation: *ICLEI Membership and Energy Consumption in Korean Local Governments*

Committee: Sun-Jin Yun (Chair), Jong Ho Hong, Tae-Hyoung Tommy Gim

*\*Honors as the representative of the Graduate School of Environmental Studies in the Graduation Ceremony*

**Pohang University of Science and Technology (POSTECH)**, B.S., Chemistry Aug. 2012

### Publications

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**Kim, M.** (2018). [Major Factors on Energy Consumption in Building Sector in Korea](#). *Climate change and Green Growth*, 16, 17-32.

**Kim, M.** (2017). [Criticism of Nuclear Discourses in the tide of the phase-out: a Case of the Consensus Committee of Shin-Gori 5 and 6 reactors](#). *Climate change and Green Growth*, 14, 67-94.

### Book Contributions

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Greenhouse Gas Inventory and Research Center of Korea. (2018). *Monitoring Report of Korean Emission Trading Scheme*. The Office for Government Policy Coordination & Prime Minister's Secretariat (Korean Government)

The Government of the Republic of Korea. (2017). [Second Biennial Update Report of the Republic of Korea under the United Nations Framework Convention on Climate Change](#).

### Working Papers

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**Kim, M.** The Dynamics of Subsidizing Electric Vehicle Consumption to Combat Climate Change (Job Market Paper)

**Kim, M.**, & Yun, S. The Impact of International Urban Network on the Energy Consumption of Local Governments

### Papers in Progress

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**Kim, M.** The Shock of Climate Change on Chesapeake Bay's Socioeconomic Ecosystem

**Kim, M.** Soft Landing of Electric Vehicles Adoption on Electricity Grids

Valle De Souza, S., **Kim, M.**, Pechal, J.L., Benbow, M.E., Bennet, A., Adedeji, O.B., Omonona, B.T. Scalable and Sustainable Aquaculture: The Economics Effects of Insect-to-Fish Farming Systems

## Conference Proceedings

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- Kim, M.** (2023). The Dynamics of Subsidizing Electric Vehicle Consumption to Combat Climate Change, **submitted for the 87<sup>th</sup> Annual Midwest Economics Association Conference**, Ohio, Mar. 31 – Apr. 2, 2023
- Kim, M.** (2023). The Dynamics of Subsidizing Electric Vehicle Consumption to Combat Climate Change, **submitted for the 49<sup>th</sup> Annual Eastern Economics Association Conference**, New York, Feb. 24 – 26, 2023
- Kim, M.** (2022). The Dynamics of Subsidizing Electric Vehicle Consumption to Combat Climate Change, *the 12th annual MSU/UM Energy and Environmental Economics day*, East Lansing, Aug. 25, 2022
- Kim, M.** (2017). An analysis of the influence of ICLEI Membership on the energy consumption of local governments in South Korea, *Spring Conference of Korea Environmental Policy and Administration Society*, Seoul, Feb. 17, 2017
- Kim, M.** (2015). A positive analysis of factors affecting the spread of sustainable practices in Seoul - a case of autonomous districts in Seoul, *Autumn Conference of Korea Environmental Policy and Administration Society*. Seoul, Oct. 30, 2015

## Outreach Presentation

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- Kim, M.** (2020). The International Negotiation of Climate Change and the Role of the Youth, *The COP in MyCity, Seoul*, Seoul, Aug., 2020
- Kim, M.** (2017). The International Negotiation of Climate Change and the Role of the Youth, *The COP in MyCity, Seoul*, Seoul, Aug., 2017
- Kim, M.** (2015). The Future of Intended Nationally Determined Contribution (INDC), INDC of Korea, *The 11th Global Conference of Youth in the 21st Conference of Parties at UNFCCC in Paris*, Paris, Sep., 2015

## Prior Employment

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|  |            |                        |
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| <b>Greenhouse Gas Inventory and Research Center of Korea</b>                 | Researcher | Feb. 2017 - July. 2018 |
| <b>The Office of Korean Assemblyman S.J.D. Sang-don Lee</b>                  | Secretary  | June. 2016 - Dec. 2016 |
| <b>The 12<sup>th</sup> Infantry Division, Republic of Korea Armed Forces</b> | Sergeant   | Oct. 2012 - Aug. 2014  |

## Research Experience

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| <b>Michigan State University</b>                   | Graduate Research Assistant (Dr. Valle de Souza) | Jan. 2021 - Aug. 2022 |
| <b>Michigan State University</b>                   | Graduate Research Assistant (Dr. Horan)          | Sep. 2019 - Dec. 2020 |
| <b>Seoul National University</b>                   | Graduate Research Assistant (Dr. Yun)            | May. 2015 - Dec. 2015 |
| <b>Seoul National University</b>                   | Graduate Assistant (Dr. Yun)                     | Jan. 2015 - Dec. 2015 |
| <b>Pohang University of Science and Technology</b> | Undergraduate Research Assistant (Dr. Lee)       | May. 2011 - Sep. 2011 |

## Teaching Experience

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**Teaching Assistant** all in the Department of Agricultural, Food, and Resource Economics at Michigan State University

|   |                   |
|---|-------------------|
| AFRE 460: Natural Resource Economics, Dr. Robert Shupp            | Fall 2022         |
| AFRE 265: Ecological Economics, Dr. Robert Shupp                  | Fall 2022         |
| AFRE 240: Food Product Marketing, Dr. Jeta Rudi Polloshka         | Fall 2022         |
| AFRE 303: Managerial Economics, Dr. Jeta Rudi Polloshka           | Spring /Fall 2022 |
| ABM 100: Decision-making in the Agri-Food System, Dr. Trey Malone | Fall 2020         |

### Grant, Fellowship, and Awards

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|   |   |      |
|---|---|------|
| <i>Outstanding Thesis Award</i>                         | Spring Conference of Korean Environmental Policy & Administration Society | 2017 |
| <i>Distinguished Thesis Award</i>                       | Graduate School of Environmental Studies, Seoul National University       | 2017 |
| <i>Alumni Scholarship</i>                               | Graduate School of Environmental Studies, Seoul National University       | 2016 |
| <i>Dean's List Scholarship</i>                          | Seoul National University   | 2015 |
| <i>Excellent Project Award</i>                          | Graduate School of Environmental Studies, Seoul National University       | 2015 |
| <i>National Scholarship for Science and Engineering</i> | Korea Student Aid Foundation  | 2007 |
| <i>Silver Prize in Korean Chemistry Olympiad</i>        | Korean Chemical Society & Committee for the Olympiad                      | 2004 |

### Service

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|--|---|-----------------------|
| <i>Orientation Committee Chair</i>                                   | Graduate Student Organization of MSU AFRE | 2020                  |
| <i>Executive Members</i>   | Green Environment Youth Korea             | Jan. 2015 - Aug. 2018 |
| <i>Governmental Observer</i>   | UNFCCC COP 21 & COY 11 in Paris           | Dec. 2015             |
| <i>Student Committee for Science War</i> (between POSTECH and KAIST) | POSTECH                                   | 2007-2012             |

### Software

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Mathematica (Dynamic Programming, Optimization)  
Stata (Econometrics, Multivariate/Mixed Effect/Panel Regression)

### Languages

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Korean (Native), English (Fluent)

### References

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Professor Richard D. Horan  
[horan@msu.edu](mailto:horan@msu.edu)  
+1 (517) 355-1301  
Department of Agricultural, Food, and Resource Economics

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Professor Simone Valle de Souza  
[valledes@msu.edu](mailto:valledes@msu.edu)  
+1 (517) 353-4380  
Department of Agricultural, Food, and Resource Economics

Professor Soren T. Anderson  
[sta@msu.edu](mailto:sta@msu.edu)  
+1 (517) 355-0286  
Department of Economics  
Department of Agricultural, Food, and Resource Economics