

Kyumin Kim

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Education

- Ph.D. in Agricultural and Resource Economics, University of California, Davis (Sept. 2020 - present)
 - Ph.D. in Ecology (Sept. 2019 - Aug. 2020, transferred programs)
- M.S. in Marine & Fisheries Management and Economics, Pukyong National University, Feb. 2019

Professional Experience

- University of California, Davis, CA, United States
Department of Agricultural and Resource Economics
Teaching Assistant (TA) / Graduate Student Researcher (GSR) (Sept. 2019 - present)
 - TA for environmental economics, futures market, and applied operations research classes
 - GSR project:
 - 1) Fisheries Diversification and Local Economies: Implications for Alaskan Fishing Communities
- Korea Maritime Institute, Busan, South Korea
Staff Researcher (Feb. 2019 - May 2019)
 - Project:
 - 1) A Study for Building Sustainable Recreational Fishing Culture and the Development of Fishing Industries In Korea
- Pukyong National University, Busan, South Korea
Department of Marine & Fisheries Management and Economics
Research Assistant (Sep. 2017 - Feb. 2019)
 - Projects:
 - 1) An Analysis of the Effect of Closed Area/Season Policy for Commercial Fisheries Species and Total Allowable Catch (TAC)
 - 2) A Study on the Effect of Total Allowable Catch and Closed Area Policy for Fishing
 - 3) A Study of Effective Governmental Loans for Fisheries Production
- *World Bank Forum Coordinator (Sep. 2018)*
 - Coordinated a co-sponsored event between the World Bank and the Korea Maritime Institute: the "Fisheries Knowledge Exchange Program."
 - Hosted 20 senior government officers and researchers from the Government of the Socialist Republic of Vietnam and the World Bank
 - Responsible for coordinating forum schedule and all-around management for the flow of the program
- Korea Maritime Institute, Busan, South Korea
Research Assistant (Dec. 2016 - Mar. 2017)
 - Gathered research data, cleaned datasets, and generated visualizations for use in the research publication:
 - 1) A Direction for Economic Cooperation in Fisheries Following the Launch of the ASEAN Economic Community"

Grants and Contract Awards

- 2023 - North Pacific Research Board (NPRB) Graduate Student Research Award (\$26,000)
- 2022-2023 Jastro Research Fellowship (\$3,000)
- 2020-2021 Ernest Hill Research Fellowship (\$2,500)
- 2019-2020 GGE Fellowship (\$32,000)
- 2018 Superior Graduate Student Research Scholarship (granted by Korea Student Aid Foundation \$3,500)

Publications

- **Kim K.M.**, Kim D.H., Kim Y.H., “Fisheries: A Missing Link in Greenhouse Gas Emission Policies in South Korea,” *Sustainability*, Vol.13(11), 5858, 2021. DOI: 10.3390/su13115858.
- **Kim K.M.**, Kim D.H. “A Study on Korean Fishery Exports to Japan: Focusing on Fillet Product Exports” *Korean Journal of Food Marketing Economics*, Vol.36(3), pp. 1-21. 2019.
- **Kim K.M.**, Kim D.H. “An Analysis of the Impact of Free Trade Agreement and the Determinants of Korean Seafood Exports to the U.S.,” *Korean Trade Review*, Vol.43(6), pp. 71-92. 2018. DOI: 10.22659/KTRA.2018.43.6.71
- **Kim K.M.**, Kim D.H. “Causality Test on Hairtail Prices among Import and Domestic Markets Using a Vector Error Correction Model (VECM),” *Ocean and Polar Research*, Vol.40(1), pp. 49-58. 2018. DOI: 10.4217/OPR.2018.40.1.049

Presentations and Conferences

- Invited talks: “Policy and Response to IUU fishing of the U.S.” (as part of “IUU Fishing Management Training Program” hosted by the Korea International Cooperation Agency), Sep. 2021 and Sep. 2022.

Professional Skills

- Dynamic optimization: optimal control & dynamic programming
- Mathematical population biology modeling
- Policy evaluation by econometric analysis
- Machine learning for causal inference

Language

- Korean (Native Speaker)
- English (Fluent)
- Japanese (CEFR: B2)

Personal References

1. Michael Springborn, Professor, Department of Environmental Science and Policy, College of Agricultural and Environmental Sciences, University of California, Davis, California
2. Matthew Reimer, Associate Professor, Department of Agricultural and Resource Economics, College of Agricultural and Environmental Sciences, University of California, Davis, California
3. Richard Sexton, Distinguished Professor, Department of Agricultural and Resource Economics, College of Agricultural and Environmental Sciences, University of California, Davis, California

Contact information for personal references available upon request