

Chanheung Cho

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Professional Experience

2024- Postdoctoral Research Scholar, Science and Technologies for Phosphorus Sustainability Center

Education

2024 Ph.D. in Economics, North Carolina State University
 Fields: Environmental and Resource Economics, Bioeconomics, Dynamic Decision Modeling
2019 M.S. in Economics, University of Wisconsin-madison
2016 B.A. & M.A. in Economics, Ajou University

Working Papers

1. Evaluating Optimal Farm Management of Phosphorus Fertilizer Inputs with Partial Observability of Legacy Soil Stocks
Chanheung Cho, Zachary S. Brown, David M. Kling, Luciano C. Gatiboni, Justin S. Baker

Peer-Reviewed Publications

3. Brandon D. Hollingsworth, [Chanheung Cho](#), Michael Vella, Hyeongyul Roh, Julian Sass, Alun L. Lloyd, Zachary S. Brown, [Economic Optimization of Wolbachia-infected Aedes aegypti Release to Prevent Dengue](#), *Pest Management Science*. 2024. early view
2. [Chanheung Cho](#), Zachary S. Brown, Kevin Gross, Daniel Tregeagle, [Developing Practical Measures of the Price of Pesticide Resistance: A Flexible Computational Framework with Global Sensitivity Analysis](#), *Journal of the Agricultural and Applied Economics Association*. 2024. 3(1):212-227
1. [Chanheung Cho](#), Sung-Hwan Kim, [Film Quality and Screen Allocation of Vertically Integrated Theaters](#), *Korean Journal of Industrial Organization*. 2017. 25(2):79-105

Research Experience

2023-24 Graduate Researcher, Science and Technologies for Phosphorus Sustainability Center
2021-24 Research Assistant for Professor Zachary S. Brown, North Carolina State University
2014-16 Research Assistant for Professor Sung-Hwan Kim, Ajou University

Teaching Experience*North Carolina State University*

2023 Independent instructor
Principles of Macroeconomics (EC 202)
2019-22 Teaching assistant
Applied Econometrics II (ECG 562) (Master)
Public Finance (EC 410)
Principles of Macroeconomics (EC 202)
Principles of Microeconomics (EC 201)

Ajou University

2019-22 Teaching assistant
Game Theory
Industrial Organization
Econometrics
Statistical Economics

Presentations

2024 AERE Annual Meeting (Washington, DC), STEPS Center (Greensboro, NC)
2023 AAEA Annual Meeting (Washington, DC), Camp Resources XXIX (Asheville, NC), STEPS Center (Raleigh, NC)
2022 Entomological Society of America (Virtual)

Selected Awards

2021 Owens Graduate Fellowship, NC State University
2015 Fair Trade Contest Award (with Ajou University Law School), Korea Fair Trade Commission
2014 Research Scholarship, Ajou University

Additional Information

Skills: Matlab, R, Python, Stata
Citizenship: South Korea