Nawon Kang

Texas A&M University
Department of Agricultural Economics
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Education

Ph.D. Agricultural Economics, Texas A&M University, United States, (*in progress*).
Advisors: Dr. Mani Rouhi Rad and Dr. Rodolfo M. Nayga

M.S. Natural Resource Economics, University of Tennessee, United States, 2022.

B.A. Economics, Kyungpook National University, South Korea, 2020.

Research Areas

Environmental Economics, Resource Economics, Water Economics, Climate Change

Publications

Accounting for the upper limits in returns to conservation investments in risk diversification strategies, joint with Charles Sims, Paul Armsworth, James Mingie, Gengping Zhu, and Seong-Hoon Cho, *Journal of Agricultural and Resource Economics*, 2024, 49(2), pp. 332–349.

Risk tolerance towards research and development investment: the role of firm size and technology intensity, joint with Seong-Hoon Cho and Jaimin Lee, *Applied Economics*, 2024, pp. 1-14.

Examining how risk diversification for conservation is influenced by the probability assigned to uncertainty scenarios, joint with Seong-Hoon Cho, and Gengping Zhu, *Environmental Conservation*, 2023, 50(4), pp. 220–229.

Understanding the differences between single-and multiobjective optimization for the conservation of multiple species, joint with Seong-Hoon Cho, James Mingie, and Gengping Zhu, *Natural Resource Modeling*, 2023, 36(1), e12356. doi: doi.org/10.1111/nrm.12356

Spatial and Taxonomic Diversification for Conservation Investment Under Uncertainty, joint with Charles Sims and Seong-Hoon Cho, *Environmental Conservation*, 2022, 1-8.

Working Papers

Impact of the Reclamation Act on Agricultural Development and Population Dynamics in the Western United States, joint with Mani Rouhi Rad (TAMU), Rodolfo M. Nayga (TAMU), Aaron Hronzencik (USDA-ERS), and Gabriela Perez-Quesada (UTK)

Work in Progress

Upstream Advantage: The Economic Value of Water Security Under Riparian Rights in Eastern U.S. Agriculture

Cost of Drought: Evidence from Farm-level Panel Data

The Nonlinear Impacts of Temperature and Precipitation on U.S. Farm Productivity

Conference Presentations

2025	Agricultural and Applied Economics Association (Denver, CO) (*scheduled*)
	Association of Environmental and Resource Economists Summer (Santa Ana Pueblo, NM) (*scheduled*)
	Texas A&M Water Day 2025 (College Station, Texas) (poster)
	Symposium for Agricultural and Applied Economics Research (College Station, Texas)
	Southern Agricultural Economics Association (Irving, TX)
2023	Agricultural and Applied Economics Association (Washington, D.C.)
2022	Southern Agricultural Economics Association (New Orleans, LA)
	Sustainable Development Conference (virtual)
2021	Southern Agricultural Economics Association (virtual)

Research Experience

Research Assistant, Texas A&M University

Professor Mani Rouhi Rad (*Fall 2023 -*)

USDA National Institute of Food and Agriculture (No. 2023-67023-39812)

Research Assistant, University of Tennessee

Professor Seong-Hoon Cho (*2020-2022*)

USDA National Institute of Food and Agriculture (No. R111216362 and No. W5133)

Research Assistant, Kyungpook National University

Professor Kiho Jeong (*2018-2019*)

Teaching Experience

Teaching Assistant, Texas A&M University

AGEC 317 Economic Analysis for Agribusiness Management (*Spring 2023*)

AGEC 344 Food and Agricultural Law (*Spring 2023*)

Awards

Best Graduate Symposium Paper Award, First Place
Department of Agricultural Economics, Texas A&M University, 2025

Outstanding Graduate Student Award, Agricultural and Resource Economics
Department of Agricultural and Resource Economics, University of Tennessee, 2022

Personal Information

Citizenship	Republic of Korea
Languages	Korean (*native*), English (*fluent*)
Technical Skills	R, Python, MATLAB, ArcGIS, LATEX