

GANGCHEOL SEO

Department of Agricultural and Applied Economics
 Texas Tech University
 Box 42132
 Lubbock, TX 79409-2132
 E-mail: gseo@ttu.edu

RESEARCH INTERESTS

My research interests focus on integrating agricultural economics with agri-environmental practices to foster sustainable agricultural systems. I am particularly interested in advancing water policy solutions in the context of efficient resource management and land use.

EDUCATION

Ph.D. Courses in Agricultural & Applied Economics (In Progress)

Texas Tech University, Lubbock, USA

Aug 2024 –

MBA Courses in Business Administration (No Degree)

University of Arkansas, Pine Bluff, USA

Aug 2023 –

May 2024

Ph.D. Courses in Agricultural & Applied Economics (No Degree)

University of Georgia, Athens, USA

Aug 2021 – May 2023

M.S. in Agricultural Economics

Chonnam National University, Gwangju, South Korea

Mar 2010 – Aug 2013

- Thesis Title: “Analysis on a Cost-Effective Combination of Agricultural Machines for Rice Farming”
- Advisor: Prof. Suhk-Hyun Kim (Retired)
- GPA: 4.00/4.50

B.A. in Agricultural Economics

Chonnam National University, Gwangju, South Korea

Mar 2004 – Feb 2010

- GPA: 3.88/4.50

RESEARCH EXPERIENCE

Research Assistant

Korea Rural Economic Institute (KREI)

Sep 2013 – Apr 2021

- Conducted studies on sustainable cooperation strategies in the inter-Korean agricultural sector.
- Designed and analyzed surveys on consumer purchasing habits and recognition of companion animals.

- Assessed local governments' effectiveness in preventing animal-borne diseases and participation levels.
- Designed optimization models to predict the production levels in duck farming, integrating economic and environmental factors.
- Executed management analysis of horse-breeding farms and horse-riding facilities.
- Evaluated consumer and producer perceptions of social responsibility in the livestock industry.

WORK EXPERIENCE

Research and Teaching Assistant

University of Georgia

Department of Agricultural & Applied Economics, Athens, USA

Aug 2021 – May 2023

- Engaged in research projects, contributing to data collection and analysis.
- Facilitated graduate courses, including grading assignments and providing feedback to enhance student learning outcomes.

Administrative Assistant

Chonnam National University

Department of Agricultural Economics, Gwangju, South Korea

Aug 2012 – Aug 2013

- Provided academic counseling to undergraduate students and assisted in job and scholarships applications.

PUBLICATIONS

- Jaesung Cho, Minkook Jeong, **Gangcheol Seo**, Hyungwoo Lee. 2021. The effects of a 52-hour workweek policy on meat consumption patterns in Korea. *Korea Journal of Agricultural Science* 48(1): 83-93.
- Suhkhyun Kim, **Gangcheol Seo**, Changyong Kang. 2021. Cost Minimizing Farm Machinery Selection for Rice Farming. *Korean Agricultural Economics Association* 62(4): 27-51.
- Jaesung Cho, **Gangcheol Seo**, Inbae Ji. 2019. Economic Surplus Analysis of Temporary Production Ban on the Duck Industry. *Korea Journal of Agricultural Management and Policy* 46(4): 696-713.
- Jaesung Cho, **Gangcheol Seo**, Hyunjoong Kim, Wontae Kim, Inbae Ji. 2018. The Estimation of Current and Future Market Size of Pet-related Industries. *Korea Journal of Agricultural Management and Policy* 45(3): 611-629.
- Jaesung Cho, Hyungwoo Lee, **Gangcheol Seo**. 2017. Economic Model for Forecasting the Supply, Demand, and Price of Hanwoo. *Korea Journal of Agricultural Management and Policy* 44(2): 210-235.

RESEARCH REPORTS

- Minkook Jeong, Hyunjoong Kim, Yonggeon Lee, **Gangcheol Seo**. 2020. *Feasibility of Building an Online Forage Platform*. R864. KREI.

- Byungjoon Woo, Hyunjoong Kim, Sungjin Park, **Gangcheol Seo**. 2019. *The Fulfillment of the Livestock Industry's Social Responsibility and Policy Issues*. R864. KREI.
- Duk Huh, Sungjin Park, **Gangcheol Seo**. 2018. *Evaluation of the Projects of Local Governments to Prevent Animal Disease*. C2018-33. KREI.
- Duk Huh, Sungjin Park, Jin-nyoun Kim, **Gangcheol Seo**. 2018. *Measures to Expand Quarantine Resources such as Introduction of Quarantine Charges: Focusing on Expanding the Local Government's Budget to Prevent Animal-born Diseases*. C2018-5. KREI.
- Inbae Ji, Hyunjoong Kim, Wontae Kim, **Gangcheol Seo**. 2017. *Development Strategies for the Companion Animal Industry*. R824. KREI.
- Hyungjoong Kim, Inbae Ji, Wontae Kim, Minhui Shim, **Gangcheol Seo**. 2017. *A Study on the Reduction of Broiler Production Costs*. C2017-59. KREI.

AWARDS & HONORS

Erin A. Wheeler-Cook Endowed Scholarship, Department of Agricultural & Applied Economics, Texas Tech University, 2024

McGeorge Burke Scholarship, Department of Business Administration, University of Arkansas Pine Bluff, 2024

Outstanding Researcher Award, Korea Rural Economic Institute, awarded to qualified researchers for outstanding performances, 2019

Excellence Award, Korea Rural Economic Institute, awarded to participating researchers in recognition of the excellence of the research project, 2016-2017