

EHSANULLAH



Contact Information

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Career Objective

To pursue an academic or research position at a leading university or policy institute, focusing on economics, public policy, and sustainable development. I aim to strengthen my analytical and empirical expertise while producing impactful research and contributing to teaching, policy engagement, and evidence-based decision-making.

Education

- Combined Master and Ph.D. in Economics
Hannam University, South Korea
Specialization: Environmental Economics, Macroeconomics, Monetary and Fiscal Policy Dynamics
- Master's in Environmental Engineering
National University of Sciences and Technology, Islamabad, Pakistan
- Bachelor's in Agricultural Engineering
University of Agriculture, Faisalabad, Pakistan

Research Interests and Skills

- Environmental Economics
- Monetary and Fiscal Policy Dynamics
- Macroeconomic Stability and Growth
- Computational Modeling and Empirical Analysis

Skills

Time-series econometrics, panel econometrics, Bayesian methods, DSGE modeling, causal inference

Methods: OLS, VAR, VECM, ARDL, SVAR, Markov Switching, structural break analysis, Difference-in-Differences, generalized synthetic control, optimization

Software: (Dynare), Stata, Python, EViews

Working Experience

Research Assistant and Teaching Fellow at Hannam University, South Korea from March 2020 – December 2025.

- Supported research activities including data collection, analysis, and report preparation.
- Assisted in teaching, grading, and mentoring undergraduate students.
- Collaborated with faculty on academic and administrative tasks.

Areas of Teaching Expertise

Macroeconomics; Environmental and Resource Economics; Development Economics; International Economics and Business; Sustainable Development; Applied Econometrics.

Published Papers

1. **A Panel Examination of Economic Growth and Environmental Pressure in the Middle East and South Asia.**
American Journal of Environmental Economics.
2. **Effects of Foreign Direct Investment on Climate Change in the Asian Region.**
Economic Journal of Emerging Markets.
3. **Environmental Kuznets Curve (EKC) Analysis for Various Air Contaminants in Pakistan.**
Pakistan Journal of Social Sciences.
4. **Understanding Unemployment Dynamics and Labor Market Behavior in South Korea. A McCall Dynamic Programming Approach.**
International Journal of Multidisciplinary Research and Analysis.
5. **Understanding Macroeconomic Volatility in South Korea: A Heterogeneous-Agent New Keynesian Model with Sticky Prices.**
Journal of Applied Economics.
6. **Fiscal Policy and Household Savings in Central Europe: A Markov-Switching VAR with COVID-19 Shock.**
Cogent Economics & Finance.
7. **Adjustment Costs on Investment and Business Cycle Dynamics in South Korea.**
Economics of Innovation and Economic Research.
8. **Environmental Effects of Renewable and Non-Renewable Energy.**
International Journal of Energy Economics and Policy.
9. **Fiscal Policy, Crisis Response, and Household Savings in Hungary, Slovenia, and the Czech Republic: Evidence from a Markov-Switching VAR and Machine Learning Approach.**
Journal of Applied Economic Sciences.

10. Structural Impacts of Global Climate Agreements on CO₂ Emissions and Economic Growth in 106 Middle-Income Countries.

International Journal of Energy Economics and Policy.

Papers Under Review

1. Australian Household Financial Decisions under Monetary and Fiscal Policy Uncertainty. Insights from a Two-Asset HANK Model.
2. Labor Market Frictions and Policy Responses in South Korea: A Heterogeneous Agent Search and Matching Model Analysis.
3. Fiscal and Monetary Interactions in South Korea: A HANK Sticky Wage Model Study on MPC, Bond Supply, and Fiscal Multipliers.
4. Optimizing Australian Household Welfare through Optimum Tax Policies: Insights from a Heterogeneous Agent New Keynesian Endowment Economy Model.

References

Available upon request.