

Dr. Abdur Rauf

Assistant Professor of Economics

Department of Economics

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Google Scholar: <https://scholar.google.com/citations?user=y2F6ccAAAAAJ>

H-Index: 21 | i10-Index: 28

ACADEMIC PROFILE

Have over 10 years of teaching and research experience. Published more than 50 peer-reviewed articles in high-impact SSCI/SCI-indexed journals. Research focuses on energy transition, climate policy, sustainable development, environmental governance, industrial resilience, and macroeconomic policy. Strong quantitative background using advanced panel econometrics and causal inference techniques.

RESEARCH INTERESTS

- Energy Economics and Energy Transition
- Environmental Sustainability and Climate Policy
- Sustainable Development Goals (SDGs)
- Public Policy and Institutional Quality
- Industrial Resilience and Green Innovation
- Macroeconomic Policy Analysis

EDUCATION

MPhil Leading to PhD in Economics

Gomal University, Pakistan

Graduated: November 21, 2014

CGPA: 3.95/4.00 (Ranked 1st in coursework)

ACADEMIC APPOINTMENTS

Assistant Professor (Tenured Track)

University of Science and Technology (UST) Bannu, Pakistan

January 25th, 2022 – Present

Assistant Professor

Abbottabad University of Science and Technology, Pakistan

October 31st, 2017 – January 24th, 2022

Assistant Professor

University of Azad Jammu and Kashmir, Pakistan

May 1st, 2015 – October 30th, 2017

HONORS & DISTINCTIONS

- Indigenous PhD Scholarship, Higher Education Commission (HEC), Pakistan
- Best Teacher Award (2016–17; 2017–18)
- Ranked First in PhD Coursework

LIST OF PUBLICATIONS SINCE 2019

IF Research Articles:

1. Climate-induced disaster events and migration decisions of flood-prone communities of Punjab, Pakistan; an application of choice experiments approach, *Climatic Change*, (2026) **(IF:5.2)**
2. Gendered impacts of climate displacement: voices from resettled communities of Khyber Pakhtunkhwa, Pakistan. *Development in Practice*. (2026), **(IF:1.4)**
3. A Systematic Review of Factors Influencing Climate-induced Migration in Pakistan: Risks, Vulnerabilities, and Policy Imperatives. *Baltica*, (2025) **(IF: 0.71)**
4. Shaping Sustainable Futures: How Economic Policies and Government Effectiveness Drive Environmental Sustainability in Emerging Economies, *Energy Nexus*, (2025), **(IF: 9.5)**
5. Energy transitions, carbon emissions, and network effects: A multiphase analysis of global industrial resilience. *Journal of Environmental Management*, 393, 126945. (2025) **(IF: 8.4)**
6. The Dynamics of Industrial Resilience for Long-Term Sustainability: Impacts of Economic Disruptions, Energy Efficiency, and Network Interactions. *Sustainable Development*. (2025), **(IF: 8.2)**
7. Examining the Nexus of Clean Energy Access, Adaptive Governance and Resilient Futures for Africa: A novel empirical approach. *Renewable Energy*, 122100 (2024) **(IF:9.0)**
8. The Role of Carbon Trading in Enhancing Enterprise Green Productivity and ESG Performance: A Quasi-Natural Evidence from China. *Business Strategy and the Environment*. **(IF:12.9)**. (2024)
9. Green Financing Strategies and Policy Interventions: Driving Sustainable Development in Europe's Largest Economies. *Romanian Journal of Economic Forecasting*. 27 (3), 161-178. **(IF:1.00)**. (2024)
10. Behind the floodwaters: Violence against women and disaster management capacities in flood affected areas of Pakistan. *Climate Risk Management*. 26. 100653 (2024): **(IF: 4.8)**
11. Green Finance and Industrial Optimization: Pathways to Financial Development and Sustainable Goals in Europe. *Romanian Journal of Economic Forecasting*. 27 (2), 11-126. **(IF:1.00)**. (2024)
12. Effect of geopolitical risk on resources prices in the global and Russian-Ukrainian context: A novel Bayesian structural model. *Resources Policy* 88 (2024) 104536. **(IF; 10.20)**. (2024)
13. The troika of energy consumption, economic growth, and CO2 emission: Quantile regression evidences for five Asian economies. *The Geographical Journal*. <https://doi.org/10.1111/geoj.12573> **(IF; 3.00)** (2023)
14. Critical metals in uncertainty: How Russia-Ukraine conflict drives their prices? *Resources Policy*. Vol.85, Part B. 104000. **(IF; 10.20)**. (2023)
15. Natural resource endowment and human development: Contemporary role of governance. *Resources Policy*. [Vol. 81](#), March 2023, 103334. **(IF; 10.20)**. (2023)
16. Climate change and the UN-2030 agenda: Do mitigation technologies represent a driving factor? New evidence from OECD economies. *Clean Technologies and*

- Environmental Policy*. (IF; 4.30). (2022)
17. Covid-19, Tourism and the Economy - Evidence from Pandemic Epicenters of Europe," *Journal for Economic Forecasting, Institute for Economic Forecasting*, vol. 0(2), pages 65-82. (IF; 1.00). (2022)
 18. Green Innovation and Carbon Emission: The Role of Carbon Pricing and Environmental Policies in Attaining Sustainable Development Targets of Carbon Mitigation. Evidence from Central-Eastern Europe. *Environment, Development and Sustainability*. (IF; 4.90). (2022). <https://doi.org/10.1007/s10668-022-02422-3>.
 19. Government subsidies' influence on corporate social responsibility of private firms in a competitive environment. *Journal of Innovation & Knowledge*. 7. 100189 (IF: 15.10). (2022)
 20. Is Geopolitical Turmoil Driving Petroleum Prices and Financial Liquidity Relationship? Wavelet- Based Evidence from Middle-East. *Defence and Peace Economics*. 1-17. (IF; 2.027). (2022)
 21. How geopolitical risk drives exchange rate and oil prices? A wavelet-based analysis. *Energy Sources, Part B: Economics, Planning, and Policy*. 16(9), 861-877. (IF; 4.62). (2021)
 22. Technological Innovation for Environmental Protection: Role of Intellectual Property Rights in the Carbon Mitigation Efforts. Evidence from Western and Southern Europe. *International Journal of Environmental Science and Technology*. 1-16. (IF; 3.1) (2021).
 23. Flood hazards adaptation strategies: a gender-based disaggregated analysis of farm-dependent Bait community in Punjab, Pakistan; *Environ Dev Sustain*. 23(1), 865-886. (IF; 4.90). (2021).
 24. Farmers' adaptation decisions to landslides and flash floods in the mountainous region of Khyber Pakhtunkhwa of Pakistan. *Environment, Development and Sustainability*. 23(6), 8573-8600. (IF; 4.90). (2021)
 25. Environmental Risks among rice farmers and factors Influencing their risk Perceptions and attitude in Punjab, Pakistan; *Environmental Science and Pollution Research*. 27(17), 21953-21964. (IF; 5.80) (2020)
 26. Analysis of wheat farmers' risk perceptions and attitudes: evidence from Punjab, Pakistan; *Natural Hazards*; Vol. 95, No. 1; pp: 845–861. (IF; 3.70). (2019).

SCOPUS INDEX RESEARCH ARTICLES

1. Nexus between Stabilization Policies and Stock Market Performance: Evidence from Pakistan Stock Exchange. *Journal of Xi'an Shiyou University, Natural Science Edition*. 19(06). 351-371.(2023)
2. An Insight into Global Terrorist Groups: An Empirical Analysis of Their Structure and Economic Conditions. *Webology*. 19(3). 1881-1905. (2022).
3. Welfare Impacts of Policy Reforms: A Case of Electricity Subsidies in Pakistan. *International Journal of Energy Economics and Policy*. 12(3), 41-49. (2022).
4. Human Capital-Growth Nexus: The Role of Skill Mismatch. *Intellectual Economics*. 15(1). (2021).
5. Power Devolution and Economic Stability: Evidence from Pakistan. *Journal of Asian*

- Finance, Economics and Business. 8(5); 573-581. (2021)
6. Climate Change and Growth Nexus: Evidence from Selected South Asian Countries. International Journal of Energy, Environment and Economics (2021).
 7. Climate Change and Rice Productivity: Evidence from Pakistan. International Journal of Innovation, Creativity and Change. 15(2). 760-770. (2021).
 8. The Economic Effect of Earnings per Share and Cash Flows per Share on Dividend Policy of Firms in Pakistan. International Journal of Innovation, Creativity and Change. 14(10), 150-169. (2020).
 9. Questing Business Cycle Synchronization among South Asia in Pre and Post SAARC Establishment: An Empirical Investigation. European Online Journal of Natural and Social Sciences. 9(3). 628-641. (2020).

Higher Education Commission of Pakistan Recognized as “Y” Category Research Journals

10. Inflation, Money Supply and Budget Deficit Nexus: A Case Study of Pakistan. International Review of Social Sciences. 9(1); 18-24. (2021).
11. The Influence of Environmental Factors and Access to Financial Capital on the Link between Entrepreneurial Orientation and SMEs Performance: A Case from Pakistan; Global Social Sciences Review (GSSR); Vol. V(1); pp: 146-153 (2020).
12. The Nexus between Fiscal Decentralization and Gross Investment: A Case Study of Pakistan; Pakistan Journal of Humanities & Social Sciences Research; Vol 2, No.2. pp:19- 32 (2019).
13. Corporate Social Responsibility Performance, State Ownership and Executive Compensation: Empirical Evidence from China; Global Social Science Review; Vol. IV (1); pp 61-76; (2019).
14. Causality Analysis between export, imports and economic growth of Pakistan; Journal of Applied economics and Business Studies; Vol. 1, No.1; pp 39-44 (2019).

Total Publications: 50+

SSCI/SCI Indexed Articles: 20+

Scopus Indexed Articles: 30+

WORKING PAPERS & UNDER REVIEW

- Public-Private Partnership Investment, Energy Justice and Environmental Outcomes (Under Review – *Energy Nexus*)
- Mitigation Technologies, Democracy and Sustainable Transport (Under Review – *Transport Policy*)
- Renewable Energy, Institutional Quality and Policy Uncertainty (Under Review – *Energy Policy*)

RESEARCH SUPERVISION

Supervised 15+ MPhil theses in areas including:

- Fiscal Decentralization and Growth
- Democracy and Economic Growth
- Climate Change and Economic Development
- Institutions and Growth

- Public Debt and Growth
- Foreign Capital Inflows

TECHNICAL & ECONOMETRIC SKILLS

Software Proficiency:

- STATA (Advanced)
- EViews (Advanced)
- Microfit (Advanced)
- R (Intermediate)
- Python (Basic for data analysis)

ACADEMIC SERVICE

University-Level Committees

- ORIC Member (Research Office)
- Proctor Board Member

Departmental Leadership Roles

- Convener, MPhil/PhD Synopsis Committee
- Convener, Publication & Website Committee
- Coordinator, MPhil-BS Economics Program
- Convener, Financial Aid & Scholarship Committee

CONFERENCES & ACADEMIC ENGAGEMENT

- Organizer, National Conference on Emerging Trends in Pakistan Economy
- Paper Presenter at multiple international conferences (Pakistan, AJK)
- Speaker, Research Methods & Budget Analysis Seminars
- Participant, Circular Economy International Conference

JOURNAL REVIEWER

Reviewer for various national and international journals

PROFESSIONAL REFERENCES

Available upon request