

ABDUR RAUF

My academic journey has been marked by a profound commitment to understanding the field of Economics, driven by an insatiable curiosity and a relentless pursuit of knowledge. As a researcher with a solid foundation in Environmental, Energy Economics and Macroeconomics, I am eager to embark on opportunities that allow me to deepen my expertise, contribute to cutting-edge research, and collaborate with leading scholars in the field. My research interests lie at the intersection of Environmental Economics, Energy Economics and Macroeconomics.

H-Index: 19

i-10 index: 21

Cell #: +92-319-5181986

Email: dr.abdur_rauf@ustb.edu.pk

ab.rauf.khattak@gmail.com

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

Scopus Author ID: 57204672113

<https://orcid.org/0000-0001-5096-7664>

DISTINCTION

- Won Indigenous PhD Scholarship of Higher Education Commission, Pakistan in 2008.
- Best Teacher Award, 2016-17 and 2017-18
- Stood first in the course work of PhD

EDUCATION

- PhD (Economics)
- Graduation: Nov. 21st, 2014
Institution - Gomal University Dera Ismail Khan, KP, Pakistan
CGPA: 3.95 out of 4
- MPhil (Economics)
Institution - Gomal University Dera Ismail Khan, KP, Pakistan
CGPA: 3.33 out of 4

STATISTICAL SKILLS:

Has an excellent knowledge of the usage of data analysis software e.g.

1. **STATA**: Proficient in use and application for analysis of data
2. **MICROFIT**; I did use it for PhD thesis data analysis and in my publications.
3. **E-VIEWS**; I do use it for short and long term assignments at my work place. I have also used it for the empirical analysis of PhD thesis and publications.
4. **R**; Introductory
5. **Python**; Introductory

RESEARCH INTEREST

Energy Economics, Environmental Economics, Macroeconomics, SDGs

PROFESSIONAL EXPERIENCE

- Assistant Professor (25th Jan. 2022 to-date). University of Science and Technology, Bannu
 - Assistant Professor (1st Nov. 2017 to 24th Jan. 2022), Abbottabad University of Science and Technology, Abbottabad, KP, Pakistan.
 - Assistant Professor (May 1, 2015 to 31 October, 2017), University of Azad Jammu and Kashmir, Muzafarabad, AJK, Pakistan.
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LIST OF PUBLICATIONS SINCE 2019:

IF Research Articles:

1. The Dynamics of Industrial Resilience for Long-Term Sustainability: Impacts of Economic Disruptions, Energy Efficiency, and Network Interactions. *Sustainable Development*. (2025) **(IF: 8.2)**
2. Examining the Nexus of Clean Energy Access, Adaptive Governance and Resilient Futures for Africa: A novel empirical approach. *Renewable Energy*, 122100 (2025) **(IF:9.0)**
3. 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)**. (2025)
4. 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)
5. 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)**
6. 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)
7. 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)
8. 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)
9. Critical metals in uncertainty: How Russia-Ukraine conflict drives their prices? *Resources Policy*. Vol.85, Part B. 104000. **(IF; 10.20)**. (2023)
10. Natural resource endowment and human development: Contemporary role of governance. *Resources Policy*. Vol. 81, March 2023, 103334. **(IF; 10.20)**. (2023)
11. 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)
12. 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)
13. 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>.
14. Government subsidies' influence on corporate social responsibility of private firms in a competitive environment. *Journal of Innovation & Knowledge*. 7. 100189 **(IF: 18.10)**. (2022)
15. 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)
16. 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)

17. 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).
18. 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).
19. 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)
20. 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)
21. 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 Shiyong 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).

MPHIL/PHD THESIS SUPERVISED:

1. Siffat Ullah Khan (MPhil), Title of the Thesis, “Analysis of Nexus between Democracy and Economic Growth in Middle Income Countries”.
2. Shaheen Riaz: Title of the Thesis, “Analyzing the Impacts of Fiscal Decentralization on Public Service Delivery: Evidence from Health Sector in Pakistan”.
3. Maryum Nazeer, Title of the Thesis, “An analysis of export demand function for selected agricultural products: A Case of Pakistan”.
4. Amara Akram Khan (MPhil), Title of the Thesis “Public Debt and Economic Growth: A case of Pakistan”
5. Nighat Anwar (MPhil), Title of the Thesis “The Impact of Foreign Capital Inflows on Economic Growth: Empirical Evidence from Selected Asian Countries”
6. Majid Awan, (MPhil), Title of the Thesis “Role of Fiscal Decentralization and Economic Growth An Empirical Investigation of Pakistan”
7. Zainab Gillani (MPhil), Title of the Thesis “Impacts of Climate Change on Economic Growth: Evidence From Developing Countries”
8. Rabbia Saeed (MPhil), Title of the Thesis “Institutions and Growth: Evidence from SAARC countries”
9. Hifza Anwar (MPhil), Title of the Thesis “Determinants of Sectoral Growth in Pakistan: a Time Series Analysis”

CONFERENCES/SEMINARS/ WORKSHOPS ORGANIZED/ATTENDED:

1. Career and Scholarship Opportunities for Economics Graduates (June 20, 2022). Department of Economics, AUST
2. Research Methods in Social Sciences (March 3, 2022). Department of Economics, UST Bannu
3. International conference on Circular Economy: Opportunities and Challenges (Nov.17-18, 2022). CEI Partner Universities
4. How to Write a Research Paper (April 28, 2022). Department of Economics, UST Bannu
5. One Day Workshop on “ Job opportunities for Economist” (April 15, 2019), Department of Economics, Abbottabad University of Science and Technology, (*Speaker*)
6. One Day Seminar on “ The Budget of Pakistan for Fiscal Year 2018-19” (August 29, 2019), Department of Economics, Abbottabad University of Science and Technology, (*Speaker*)
7. One day Seminar on “ Research methods in Social Sciences” (Dec. 6, 2018), Department of Economics, Abbottabad University of Science and Technology, (*Speaker*)
8. One Day Seminar on “ The Budget of Pakistan for Fiscal Year 2017-18” (July 26, 2018), Department of Economics, Abbottabad University of Science and Technology, (*Speaker*)
9. First National conference on Emerging Trends in Pakistan Economy: Socio-Economic Challenges and Opportunities (April 25-27, 2018), Department of Economics, Abbottabad University of Science and Technology. (*Conference Organizer*)
10. How to improve the governance in Pakistan. (Debate organize at the department of Economics, Abbottabad UST, 26 Feb. 2018)

11. International Conference on “Indigenous Resource Management: Challenges and Opportunities”, Arranged by University of Management Sciences and Information Technology, Kotli, Azad Jammu & Kashmir, From 14th to 15th April, 2016, (*Paper Presenter, Principle Author*)
12. International Conference on “Indigenous Resource Management: Challenges and Opportunities”, Arranged by University of Management Sciences and Information Technology, Kotli, Azad Jammu & Kashmir, From 14th to 15th April, 2016, (*Paper Presenter as a Co- Author*)
13. International conference on Divine Economics, arranged by University of Azad Jammu and Kashmir, Muzafarabad from 12th to 14th December, 2013, (*Paper Presenter, Principle Author*)
14. International conference on Divine Economics, arranged by University of Azad Jammu and Kashmir, Muzafarabad from 12th to 14th December, (*Paper Presenter as a co- Author*)
15. International Conference arrange by Pakistan Institute of Development Economics “Fiscal Decentralization: Empowering Provinces, Strengthening the Federation” from December 28-30, 2011.
16. International Conference arrange by Pakistan Institute of Development Economics “Economic Sustainability in a Globalized World” from March 15 to March 17, 2010,
17. Workshop Arranged by Faculty of Pharmacy, Gomal University, D.I.Khan "Higher Education Enhancement and Quality Assurance, From 2nd Feb to 3rd Feb 2010.

MEMBER OF JOURNAL REVIEW COMMITTEE:

1. Qlantic Journal of Social Sciences
2. Kashmir Economic Review, University of Azad Jammu and Kashmir, Pakistan
3. Pakistan Journal of Humanities and Social Science Research, Women University Mardan, Pakistan.

ADMINISTRATIVE RESPONSIBILITIES:

At University Level:

1. ORIC, Abbottabad University of Science and Technology (Member)
2. ORIC, UST Bannu (Member)
3. Proctor Board, Abbottabad University of Science and Technology (Member)
4. Proctor Board, UST Bannu (Member)

At Departmental Level:

1. Departmental Synopsis Committee MPhil/PhD (Convener)
2. Publication and Website Committee (Convener)
3. Departmental Students Financial Aid and Scholarships Committee (Convener)
4. Departmental Declamation Committee (Convener)
5. Departmental Library Committee (Member)
6. Departmental Space and Time Table Management Committee (Member)
7. Departmental Exam Committee (Coordinator)
8. MPhil-BS Economics Program (Coordinator)