

# CURRICULUM VITAE 2023



## **Dr. Qaiser Abbas**

### **Associate Professor & Head of Department**

**Ghazi University, DG Khan Pakistan.**

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- Post-Doc fellow at Guls One Lancaster Centre for Economic Research (GOLCER), Gulf one Lab for computational and Economic Research, Department of Economics, Lancaster University Management School, B46, Lancaster, UK.
- Post-Doc fellow at School of Economics and Management, Wuhan University, Wuchang District, Wuhan, Hubei, 430072, China.
- Research Fellow, Institute of Business Research (IBR), the University of Economics Ho Chi Minh City (UEH) 59C Nguyen Dinh Chieu Street, District 3, Ho Chi Minh City, Vietnam.
- Research Fellow, Department of Economics, Faculty of Business, Economics, and Statistics, University of Vienna, Oskar-Morgenstern-Platz 1, 1090 Vienna, Austria.

**Homepage:** <https://www.gudgk.edu.pk/member/dr-qaiser-abbas/>

**ORCID, Scopus, Google Scholar, Publons, Researchgate,**

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## **CURRENT POSITIONS:**

Since March. 2021      **Chairperson**, Department of Economics, Ghazi University, DG Khan, Pakistan.

Since March. 2021      **Associate Professor**, Department of Economics, Ghazi University, DG. Khan. Pakistan.

**Research Interest**      Energy Efficiency, Environmental Economics, Energy Economics, Climate Change, Development Economics, Demographic Economics, and Health Economics

## **EMPLOYMENT:**

July. 2014 to March 2021      **Lecturer**, Department of Economics, Ghazi University, DG Khan, Pakistan.

- Oct. 2013- June. 2014     **Teacher In-charge**, Department of Economics, Bahauddin Zakariya University Multan, Sub Campus DG Khan, Pakistan.
- April-2014- Sep 2014     **Research Fellow/Research Assistant**, Department of Economics, University of Vienna, Vienna, Austria.
- Oct.2010- Jan.2013     **Visiting Lecturer**, School of Economics, Bahauddin Zakariya University Multan, Pakistan
- Aug-2009- Sep- 2011     **Research Associate**, Department of Economics Bahauddin Zakariya University Multan.

### ACADEMIC QUALIFICATIONS:

- 2010-2017     **Ph.D. Economics** (Aug. 2017) in Environmental Economics and Energy economic, Bahauddin Zakariya University (BZU), Multan, Pakistan
- 2007-2009     **M.Phil. Economics** with Socio-Economic impact of Cellular phone growth with Econometric Analysis (Feb. 2010), Bahauddin Zakariya University (BZU), Multan, Pakistan
- 2004-2006     **M.Sc. Economics** with Advance Mathematical Economics & Econometrics (Aug. 2006), Bahauddin Zakariya University (BZU), Multan, Pakistan
- 2001-2004     **Bachelor's in Arts** with Economics (Sep. 2002) Bahauddin Zakariya University (BZU), Multan, Pakistan
- 1999-2001     **F.A (Intermediate)**, B.I.S.E DG Khan, Pakistan
- 1997-1999     **Matriculation**, B.I.S.E DG Khan, Pakistan

### ACADEMIC HONORS/ AWARDS:

- 2010     Awarded Doctoral Research Fellowship by Higher Education Commission (HEC) Pakistan.
- 2006     Awarded Merit Scholarship from Bahauddin Zakariya University, Multan, Pakistan.

### RESEARCH REPORTS/ THESIS

- i.     Ph.D. Economics Research Thesis on “Population, Environmental Degradation and Economic Development in Pakistan; an Econometric Analysis” Aug 2017.
- ii.     M. Phil Economics Research Thesis on “Socio-Economic impact of Cellular phone growth in Pakistan; a case study of DG Khan District” January 2010.

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### Editorial Positions:

- I. **Guest Editor**, Journal of Sustainability, MDPI  
"Energy Transition, Sustainable Development, and Environmental Sustainability: Challenges and Opportunities for Energy Exporting and Importing economies in the era of SDGs-2030."
- II. **Associate Editor** of "[Green and Low-Carbon Economy](https://ojs.bonviewpress.com/index.php/GLCE/ae)"  
<https://ojs.bonviewpress.com/index.php/GLCE/ae>
- III. **Member Editorial Board** of "[Clean Energy Technology and Application](https://cae.usp-pl.com/index.php/ceta/about/editorialTeam)"  
<https://cae.usp-pl.com/index.php/ceta/about/editorialTeam>
- IV. **Advisory Board Member** of "[Heliyon Business and economics](#)"

## RESEARCH PAPERS PUBLISHED IN REFEREED JOURNALS

### Comulative impact factor (210.174)

- 1) Mohsin, M., Hanif, I., Taghizadeh-Hesary, F., **Abbas, Q.**, Iqbal., W. (2021), Nexus between energy efficiency and electricity reforms: A DEA-Based way forward for clean power development. *Journal of Energy Policy*, Vol. 149. (IF 7.576)  
<https://doi.org/10.1016/j.enpol.2020.112052>
- 2) Moshin, M., Hesary, T.F., Panthamit, N., Anwer, S., **Abbas, Q.**, Vo, V.X. (2020), Developing Low Carbon Finance Index: Evidence from Developed and Developing Economies, *Journal of Finance Research Letters*, 101520. (IF 9.846)  
<https://doi.org/10.1016/j.frl.2020.101520>
- 3) Sun H, Mohsin M, Alharthi M, **Abbas Q.** (2020), Measuring environmental sustainability performance of South Asia, *Journal of Cleaner Production*, (IF 11.07)  
<https://doi.org/10.1016/j.jclepro.2019.119519>
- 4) Iqbal, W., Fatima, A., Yumei, H., **Abbas, Q.**, and Iram, R. (2020), Oil supply risk and affecting parameters associated with oil supplementation and distribution, *Journal of Cleaner Production*, (IF 11.07)  
<https://doi.org/10.1016/j.jclepro.2020.120187>
- 5) Zhang, Y., Alharthi, M., Ali. S. A., **Abbas, Q.**, and Taghizadeh-Hesary, F. (2022) The eco-innovative technologies, human capital, and energy pricing: Evidence of sustainable energy transition in developed economies, *Applied Energy*, 325 (2022) 119729 (IF 11.45) <https://doi.org/10.1016/j.apenergy.2022.119729>
- 6) Ali, S. M., Alharthi, M., Hussain, H.I., Rasul, F., Hanif, I., Haider, J., Ullah, S., Rahman, S., and **Abbas, Q.** (2021), A clean technological innovation and eco-efficiency enhancement: A multi-index assessment of sustainable economic and environmental management. *Journal of Technological Forecasting and Social Change*, Vol. 166. (IF 10.884) <https://doi.org/10.1016/j.techfore.2021.120573>.
- 7) Hao, W., **Abbas, Q.**, Ahmed, I., Alhardhi, M., Hanif, I., and Taghizadeh-Hesary, F. (2021) Institutional efficiency and utility reform performance: An evidence from electricity performance in South & East Asia, *Economic Analysis and Policy*, Vol 72, PP549-561. (IF 4.444)  
<https://doi.org/10.1016/j.eap.2021.09.013>
- 8) Zhao, J., Patwary, A.K., Qayyum, A., Alharthi, M., Bashir, F., Mohsin, M., Hanif, I., and **Abbas, Q.** (2021) the determinants of renewable energy sources for the fueling of green and sustainable economy, *energy*, Vol. 238, 122029. (IF 8.857)  
<https://doi.org/10.1016/j.energy.2021.122029>

- 9) Hanif, I. Raza, F., Gago-de-Santos, P., and **Abbas, Q. (2019)**. Fossil fuels, foreign direct investment, and economic growth have triggered CO<sub>2</sub> emissions in emerging Asian economies: Some empirical evidence. *Energy*. (IF 8.857)  
<https://doi.org/10.1016/j.energy.2019.01.011>
- 10) Yang, Z., **Abbas, Q.**, Hanif, I., Alharthi, M., Taghizadeh-Hesary, F., Aziz, B., Mohsin, M. (2021), Short- and long-run influence of energy utilization and economic growth on carbon discharge in emerging SREB economies. *Journal of Renewable Energy*. (IF 8.634) <https://doi.org/10.1016/j.renene.2020.10.141>
- 11) Xia, Z., **Abbas, Q.**, Mohsin, M., Song, G. (2021) Trilemma among energy, economic and environmental efficiency: Can dilemma of EEE address simultaneously in era of COP 21? *Journal of Environmental Management*, Vol. 276. (IF 8.91)  
<https://doi.org/10.1016/j.jenvman.2020.111322>
- 12) Haung, Y., Raza, S. M. F., Hanif, I., Alharthi, M., **Abbas, Q.**, and Zain-ul-Abidin, S., (2020), The role of Forest resources, mineral resources, and oil extraction in economic progress of developing Asian economies, *Resource Policy*, 69. (IF 8.222)  
<https://doi.org/10.1016/j.resourpol.2020.101878>
- 13) He, W., **Abbas, Q.**, Alharthi, M., Mohsin, M., Hanif, I., Vo, X.V., and Taghizadeh-Hesary, F. (2020). Integration of Renewable Hydrogen in Light Duty Vehicle: Nexus Between Energy Security and Low Carbon Emission Resources, *International Journal of Hydrogen energy*, 45 (51) 27958-27968. (IF 7.139)  
<https://doi.org/10.1016/j.ijhydene.2020.06.177>
- 14) Mohsin, M., Rasheed, A.K., Sun, H., Zhang, J., Iram, R., Iqbal, N., and **Abbas, Q.** (2019). Developing low carbon economic: An aggregated composite index based on carbon emission. *Sustainable energy technologies and assessments*. 35(1): 365-374 (IF 7.632)  
<https://doi.org/10.1016/j.seta.2019.08.003>
- 15) Ahmed, A. M. H., Gang, F. Z., Iqbal, W., **Abass, Q.**, Mohsin, M., and Iram, R. (2019) Novel approach of Principal Component Analysis method to assess the national energy performance via Energy Trilemma Index. *Energy Reports*. (IF 4.937)  
<https://doi.org/10.1016/j.egyr.2019.06.009>
- 16) Li, F., Abuzar, M., Ali, Al-Hazmi, N.M., & **Abbas, Q. (2022)**: A revaluation of carbon intensity factors through the carbon decomposition approach in a developing economy, *Economic Research-Ekonomska Istraživanja*, (IF 3.080)  
[DOI: 10.1080/1331677X.2022.2142829](https://doi.org/10.1080/1331677X.2022.2142829)
- 17) Nadeem, M., Lou, S., Wang, W., Sami, U., Ali, S. M., **Abbas, Q.**, & Artan, S. (2022) Efficiency of domestic institutional arrangements for environmental sustainability along the way to participate in global value chains: evidence from Asia, *Economic Research-Ekonomska Istraživanja*, (IF 3.08)  
[DOI: 10.1080/1331677X.2022.2077793](https://doi.org/10.1080/1331677X.2022.2077793)
- 18) Yuan, M., Hu, H., Alharthi, M., Ahmad, I., **Abbas, Q.**, and Taqi, M., (2022) Nexus between energy pricing and carbon emission. A policy mix response of developing economies, *Economic research-ekonomska istraživanja*, (IF 3.08)  
<https://doi.org/10.1080/1331677X.2022.2050932>

- 19) Cheng, B., Zhong, Z., Alharthi, M., **Abbas, Q.**, and Kouser, R. (2022) The fiscal imbalance and climate change obligations: What is feasible for developing economies? *The Singapore Economic Review*. (IF 1.74)  
<https://doi.org/10.1142/S0217590822500102>
- 20) Sami Ullah, S., Nadeem, M., Ali, K., **Abbas, Q.** (2021) Fossil fuel, industrial growth and inward FDI impact on CO<sub>2</sub> emissions in Vietnam: testing the EKC hypothesis, *Management of Environmental Quality*,  
<https://doi.org/10.1108/MEQ-03-2021-0051>
- 21) Chaudhry, I. S., Yin, W., Ali, S.A., Faheem, M., **Abbas, Q.**, Farooq, F., & S. Rahman. S. (2021) Moderating role of institutional quality in validation of pollution haven hypothesis in BRICS: new evidence by using DCCE approach, *Environmental Science and Pollution Research*. (IF 3.519)  
<https://doi.org/10.1007/s11356-021-16087-4>
- 22) Wei, G., W., Asghar, N., Ahmad, I., Yin, W., **Abbas, Q.**, Rahman, UR., and Farooq, F (2021) Economic growth, fiscal imbalance, and environmental sustainability: What is desirable and undesirable for developing economies? *Environmental Science and Pollution Research*. (IF 3.519)  
<https://doi.org/10.1007/s11356-021-14379-3>
- 23) Wu, S., Alharthi, M., Yin, W., **Abbas, Q.**, Noor Shah, AN., Rahman, SU and Khan, J. (2021) The Carbon-Neutral Energy Consumption and Emission Volatility: The Causality Analysis of ASEAN Region, *Energies* 2021, 14, 2943. (IF 3.252)  
<https://doi.org/10.3390/en14102943>
- 24) Shen, H, Ali, S. A, Alharthi, M, Ali Shan Shah, A. S., Khan, A. B, **Abbas, Q.**, Rahman, S., (2021) Carbon-Free Energy and Sustainable Environment: The Role of Human Capital and Technological Revolutions in Attaining SDGs. *Sustainability* 2021, 13(5), 2636. (IF 3.889)  
<https://doi.org/10.3390/su13052636>
- 25) Liu, J., **Abbas, Q.**, Alharthi, M., Mohsin., M., Rasul, F., and Iqbal, N. (2020) Managerial policy and economic analysis of wind-generated renewable hydrogen for light-duty vehicle: green solution of energy crises, *Environmental Science and Pollution Research*. (IF 3.519)  
<https://doi.org/10.1007/s11356-020-11018-1>
- 26) Amin, A., Liu, X., **Abbas, Q.**, Hanif, I., and Vo, X. V. (2020), Globalization, sustainable development, and variation in cost of power plant technologies: a perspective of developing economies, *Environmental Science and Pollution Research*. (IF 3.519)  
<https://doi.org/10.1007/s11356-020-10816-x>
- 27) Chandio, A.A., Jiang, Y., **Abbas, Q.**, Amin, A., and Mohsin, M., (2020), Does Financial Development Enhance Agricultural Production in the Long-Run? Evidence from China, *Journal of Public Affairs*, (IF 0.651)  
<https://doi.org/10.1002/pa.2342>
- 28) Li, H., Bhatti, Z., **Abbas, Q.**, Ahmed, I., Iqbal, N., Aziz, B., (2020), Measuring Low Carbon Energy, Economic and Environmental Sustainability Performance of BRICS, *The Singapore Economic Review*. (IF 1.74)  
<https://doi.org/10.1142/S0217590820500617>

- 29) Jie Zhang. J., Alharthi. M., **Abbas. Q.**, Li. W., Mohsin. M, Jamal. K and Taghizadeh-Hesary. F., (2020) Reassessing the Environmental Kuznets Curve in Relation to Energy Efficiency and Economic Growth, *Sustainability*, 12(20). (IF 3.889)  
<https://doi.org/10.3390/su12208346>
- 30) **Abbas, Q.**, Nurunnabi, M., Alfakhri, Y., Khan, W., Hussain, A., Iqbal, W. (2020) The role of fixed capital formation, renewable and non-renewable energy in economic growth and carbon emission: a case study of Belt and Road Initiative project, *Environmental Science and Pollution Research*. (IF 3.519)  
<https://doi.org/10.1007/s11356-020-10413-y>
- 31) Mohsin. M., Nurunnabi. M., Zhang. J., Sun. H., Iqbal. N., Iram. R., and **Abbas. Q.** (2020), The Evaluation of Efficiency and Value Addition of IFRS Endorsement towards Earnings Timeliness Disclosure, *International Journal of Finance and Economics*, 26(2) 1793-1807. (IF 1.634)  
<https://doi.org/10.1002/ijfe.1878>
- 32) Sun. H., Khan. A. R., Bashir. A., Alemzero. A.D., **Abbas. Q.**, and Abudu. H., (2020), Energy Insecurity, Pollution Mitigation and Renewable Energy Integration: Prospective of Wind Energy in Ghana, *journal of Environmental science and pollution research*, (IF 3.519)  
<https://doi.org/10.1007/s11356-020-09709-w>
- 33) Iqbal, N., Khan, Arman., Gill, A. S., and **Abbas. Q.**, (2020), Nexus between sustainable entrepreneurship and environmental pollution: Evidence from developing economy, *journal of Environmental science and pollution research*, (IF 3.519)  
<https://doi.org/10.1007/s11356-020-09642-y>
- 34) **Abbas, Q.**, Khan, A.R., Bashir, A., Alemzero, D. A., Sun, H., Iram, R., Iqbal, N. (2020), Scaling Up Renewable Energy in Africa: Measuring Wind Energy Through Econometric Approach, *journal of Environmental Science and Pollution Research*. (IF 3.519)  
<https://doi.org/10.1007/s11356-020-09596-1>
- 35) Anser M. K, **Abbas Q.**, Chaudhry S.I, Khan A. (2020), Optimal oil stockpiling, peak oil, and general equilibrium: case study of South Asia (oil importers) and Middle East (oil supplier), *Environmental Science and Pollution Research*. (IF 3.519)  
<https://doi.org/10.1007/s11356-020-08419-7>
- 36) Iram, R., Anser, M. K., Awan, U. R., Ali, A., **Abbas, Q.**, and Chaudhry, S. I. (2020), Prioritization of Renewable Solar energy to Prevent energy insecurity: An Integrated Role. *Singapore Economic Review*. (IF 1.74)  
<https://doi.org/10.1142/s021759082043002x>
- 37) Baloch, Z. A., Tan., Iqbal. M, Mohsin. M, **Abbas, Q.**, Iqbal W, Chaudhry, I.S. (2020), Trilemma Assessment of Energy Intensity, Efficiency and Environmental Index: Evidence from BRICS countries, *Environmental Science and Pollution Research*. (IF 3.519)  
<https://doi.org/10.1007/s11356-020-08527-4>
- 38) Mohsin, M., Anser, M. K., **Abbas Q.**, Chaudhry, S. I. (2020) Assessing the integration of solar power projects: SWOT-based AHP–F-TOPSIS case study of Turkey. *Environmental Science and Pollution Research*, (IF 3.519)  
<https://doi.org/10.1007/s11356-020-09092-6>



- 39)** Wang, G., Mahmood, M. R., Ullah, H., Hanif, I., **Abbas, Q.**, Mohsin, M. (2020) Multidimensional Perspective of Firms' IT Capability Between Digital Business Strategy and Firms' Efficiency: A Case of Chinese SMEs. *SAGE Open* 10(4). (IF 2.032) [https://doi.org/ DOI: 10.1177/2158244020970564](https://doi.org/DOI: 10.1177/2158244020970564)
- 40)** Iram, R., Zhang, J., Erdogan, S., **Abbas, Q.**, Mohsin, M. (2019). Economics of energy and environmental efficiency: Evidence from OECD countries, *Environmental Science and Pollution Research*. (IF 3.519) <https://doi.org/10.1007/s11356-019-07020-x>
- 41)** Mohsin, M., **Abbas, Q.**, Zhang, J., Ikram, M., and Iqbal, (2019). Integrated effect of energy consumption, economic development, and population growth on CO2 based environmental degradation: a case of transport sector. *Environmental Science and Pollution Research*. (IF 3.519) <https://doi.org/10.1007/s11356-019-06372-8>
- 42)** Iqbal, W., Yumei, H., **Abbas, Q.**, Hafeez, M., Mohsin, M., Fatima, A., Jamalli, M. A., Jamali, M., Siyal, A., and Sohail, N. (2019). Assessment of Wind Energy Potential for the Production of Renewable Hydrogen in Sindh Province of Pakistan. *Processes*. 7(4), (IF 3.352) <https://doi.org/10.3390/pr7040196>
- 43)** Sun, H., Ikram, M., Mohsin, M., Zhang, J., **Abbas, Q.** (2019) Energy Security and Environmental Efficiency: Evidence from OECD countries, *The Singapore Economic Review*. (IF 1.74) <http://doi: 10.1142/S0217590819430033>

### Book Chapters:

1. Qaiser Abbas, Q., Hanif, I., Taghizadeh-Hesary, F., Iqbal, W., and Iqbal, N. (2021). Improving the Energy and Environmental Efficiency for Energy Poverty Reduction: Poverty Reduction for Inclusive Sustainable Growth in Developing Asia, Chapter No.11, Economics, Law, and Institutions in Asia Pacific series, *Springer*. <https://www.springer.com/gp/book/9789811611063>

### RESEARCH WORK SUPERVISED

- i. **Ph.D. Thesis: 04** (2- completed & 2-in progress)
- ii. **MPhil Thesis:19** (15 Students have completed and awarded degrees & 4 is in progress)
- iii. **Master Level Thesis: 44** (Students awarded degrees)

### RESEARCH PAPERS PRESENTED AT INTERNATIONAL CONFERENCES:

- i. Energy efficiency and poverty reduction: A way forward for developing Asia with social welfare perspective (2020), 9th International Conference on Asian Economic Development, (Special Section), Towards Sustainable Development Goals (SDGs): Poverty Eradication and Inclusive Sustainable Growth, held at Faculty of Economics, Chiang Mai University, Thailand, 21<sup>st</sup> July.

- ii. Control of Carbon Emission by Promoting Economic Growth and Renewable Energy in Newly Emerging Economic Block. **(2020)**, International Conference on Economics Energy, and Environment (ICEEE'2020), Cappadocia University, Turkey, June 25-27<sup>th</sup>.
- iii. Assessment of Vulnerabilities and Financial Stability: Triple Mandate among IFRS adoption, Economic Performance and Accounting Quality. **(2020)**, International Conference on the Contemporary Issues in Finance trade and Macroeconomics (ICOFINT), Istanbul, Turkey, 4-5<sup>th</sup> April.
- iv. Paper presented in 2<sup>nd</sup> Research Seminar "The Impact of Disability on Socio-economic Activities: The Case of Multan District" Organized at National University of Modern Languages (NUML) Multan Campus Pakistan, **August 2016**.
  - i. Paper presented in Monthly Research Seminar of Department of economics, university of Vienna on "Corruption and Economic Growth in Pakistan: The Role of Governance and Public Spending" Organized by the Department of Economics, university of Vienna, Austria, September **2014**.
  - ii. Paper presented in Monthly Research Seminar of Department of economics, university of Vienna on "Impact of Political Instability on Macroeconomic Performance of Pakistan: A Time Series Analysis" Organized by the Department of economics, university of Vienna, Austria, April **2014**.
- iii. Attended seminar with the title "Population and Development" held at Bahauddin Zakariya University Multan organized by Ministry of population and welfare Islamabad (May 3, **2006**) Pakistan.

#### **PROFESSIONAL MEMBERSHIPS/AFFILIATIONS:**

- i. **Research Council United Kingdom (RCUK)** 2016 Polaris House, North Star Avenue, Swindon, SN2 1ET UK.
- ii. Member of **Department of Economics** as a Young Researcher at University of Vienna, Austria.
- iii. Member of **Pakistan Strategy Support Program (PSSP)** a forum for Young Researcher in Planning Commission of Pakistan.
- iv. Member of **Pakistan Institute of Development Economics (PIDE)** Islamabad.
- v. Member **Global Development Network (GDNet)**, an International Forum to promote Social Sciences Research Activities

#### **DATA ANALYSIS TRAINING/SKILLS:**

- i. I have analytical skills to work in STATA-17, E-Views 9; Micro fit 5.1 and MS Office 365. I have advanced and professional skills to analyze Qualitative, Quantitative, Time Series, Cross sectional, pool, and Panel Data.
- ii. Three months course in Data Management by Using STATA. The summer course announced by Department of Economics, University of Vienna, Austria



- iii. One Year Diploma in Computer Sciences (DCS) Certification of “Application of Computer in Business, Research, and E-commerce.”
- iv. Six Months Certificate in MS Office, Internet Applications, and Fundamentals of Computer.

**HOBBIES/INTERESTS:**

Cricket, Book Reading, Tourism and Writing.

**REFERENCE:**

- Dr. Ishtiaq Ahmed Rajwana, Pro-Vice Chancellor, Muhammad Nawaz Shareef University of Agriculture, Multan.
- Chairman National Agriculture Education Accreditation Council (NAEAC) of Pakistan.

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