

Dr. Muhammad Shahbaz
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OBJECTIVE

Seeking a research oriented position where my professional experience and education will allow making an immediate contribution as an integral part of a dynamic organization while simultaneously focusing on my professional growth.

EDUCATION

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|---|---------------------------|
| | 01/06/2016- 31/08/2016 |
| Post-Doc Fellowship Montpellier Business School, Montpellier, France | |
| Doctor of Philosophy National College of Business Administration & Economics, Lahore, Pakistan. | (2011-2015) |

ACHIEVEMENTS

- * **370.3193** – Cumulative Impact Factor (JCR) of journals in which I have published.
- * **6659** – Citations as compiled by Google Scholar.
https://scholar.google.com.pk/citations?user=N_qbDPAAAAAJ&hl=en
- * **40** – H-Index as compiled by Google Scholar.
https://scholar.google.com.pk/citations?user=N_qbDPAAAAAJ&hl=en
- * **153** – i10-Index as compiled by Google Scholar.
https://scholar.google.com.pk/citations?user=N_qbDPAAAAAJ&hl=en
- * Among **World's Top 5** young in Economists of developing economies by World Bank.
- * <http://blogs.worldbank.org/impactevaluations/top-8-active-researchers-developing-countries-according-repec>.
- * Among **Pakistan's Top 13** author in Economics category in Pakistan as compiled by IDEAS.
- * <https://ideas.repec.org/top/top.france.html>

EXPERIENCE AND CURRENT AFFILIATION

| | |
|---|------------------------|
| Montpellier Business School, Montpellier, France Professor (Chair, Energy and Sustainable Development) | 01/04/2017– till date |
| Montpellier Business School, Montpellier, France Associate Professor (Chair, Energy and Sustainable Development) | 01/09/2016– 31/03/2017 |
| COMSATS Institute of Information Technology, Lahore, Pakistan Associate Professor | 01/07/2015– 31/08/2016 |
| COMSATS Institute of Information Technology, Lahore, Pakistan Assistant Professor | 09/2009– 22/09/2015 |
| | 06/2014-09/2016 |

Affiliated Researcher, IPAG Business School, France

06/2008-06/2009

Visiting Lecturer, Allama Open University

05/2004-06/2005

Research Officer, Social Policy and Development Center, Karachi

04/2007-09/2008

Teaching Assistantship, Applied Economics Research Center,
Karachi

06/2005-08/2005

03/2006-02/2007

Administration

Chair, Energy and Sustainable Development, Montpellier Business School, Montpellier, France.

Convener

1st International Conference on Energy, Finance and Macroeconomy (ICEFM), November 22-24, Montpellier Business School, Montpellier, France.

Book Chapters

1. Balsalobre-Lorente, D., **Shahbaz, M.**, Ponz-Tienda, J. L. and Cantos-Cantos, J. M. (2017). Energy Innovation in the Environmental Kuznets Curve (EKC): A Theoretical Approach. Carbon Footprint and the Industrial Life Cycle: From Urban Planning to Recycling, edited by: Álvarez Fernández, Roberto, Zubelzu, Sergio, Martínez, Rodrigo (Eds.), published by: Springer, Standard: 978-3-319-54983-5, pp: 243-268.

Articles in Refereed Journals

1. Kyophilavong, P., Shahbaz, M., Rehman, I., Souksavath S. and Chanthasene, S. (2018). Investigating the relationship between trade balance and the exchange rate: The case of Laos' trade with Thailand. *Global Business Review*, 19, forthcoming.
2. Sinha, A. and Shahbaz, M. (2018). Estimation of Environmental Kuznets Curve for CO₂ emission: Role of Renewable Energy Generation in India. *Renewable Energy*, forthcoming
3. Balsalobre-Lorente, D., Shahbaz, M., Roubaud, D. and Farhani, S. (2018). How Economic Growth, Renewable Electricity and Natural Resources Contribute to CO₂ Emissions? *Energy Policy*, 113, 356-367.
4. Taha, R., Loganathan, N. and Shahbaz, M. (2017). The Nexus between Tax Reformation, Financial Development and Economic Recovery: The Case of Malaysia. *Technological and Economic Development of Economy*, forthcoming.
5. Shahbaz, M., Shahzad, S. J. H. and Mahalik, M. K. (2017). Is Globalization Detrimental to CO₂ Emissions in Japan? New Threshold Analysis. *Environmental Assessment & Modelling*, forthcoming.
6. Shahbaz, M., Ferrer, R., Shahzad, S. J. H. and Haouas, I. (2017). Is the Tourism-Economic Growth Nexus Time-varying? Bootstrap Rolling-window Causality Analysis for the Top Ten Tourist Destinations. *Applied Economics*, forthcoming
7. Sinha, A., Shahbaz, M. and Balsalobre, D. (2017). Exploring the Relationship between Energy Usage Segregation and Environmental Degradation in N-11 Countries. *Journal of Cleaner Production*, forthcoming.

8. Shahbaz, M., Shahzad, S. J. H., Mahalik, M. K. and Sadorsky, P. (2017). How Strong is the Causal Relationship between Globalization and Energy Consumption in Developed Economies? A Country-Specific: Time-Series and Panel Analysis. *Applied Economics*, forthcoming.
9. Jena, S. K., Tiwari, A. K., Roubaud, D. and Shahbaz, M. (2017). Index Futures Volatility and Trading Activity: Measuring Causality at a Multiple Horizon. *Finance Research Letters*, forthcoming
10. Shahbaz, M., Bhattacharya, M. and Mahalik, M. K. (2017). Financial Development, Industrialization, the Role of Institutions and Government: A Comparative Analysis between India and China. *Applied Economics*, forthcoming.
11. Shahbaz, M., Shahzad, S. J. H., Mahalik, M. K. and Hamoudeh, S. (2017). Does Globalization Worsen Environmental Quality in Developed Economies? *Environmental Modeling and Assessment*, forthcoming.
12. Shahzad, S. J. H., Mensi, W., Hammoudeh, S., Balcilar, M., and Shahbaz, M. (2017). Distribution Specific Dependence and Causality between Industry-level U.S. Credit and Stock Markets. *Journal of International Financial Markets, Institutions and Money*, forthcoming.
13. Balcilar, M., Ozdemir, Z. A., Shahbaz, M. and Gunes, S. (2017). Does Inflation Cause Gold Market Price Changes? Evidence on the G7 Countries from the Tests of Nonparametric Quantile Causality in Mean and Variance. *Applied Economics*, forthcoming.
14. Shahbaz, M., Sarwar, S., Wei, C. and Malik, M. N. (2017). Dynamics of Electricity Consumption, Oil Price and Economic Growth: Global Perspective. *Energy Policy*, 108, 256-270.
15. Raza, N., Shahzad, S. J. H., Shahbaz, M. and Tiwari, A. K. (2017). Modeling the Nexus between Oil Shocks, Inflation and Commodity Prices: Do Asymmetries Really Matter? *Economics Bulletins*, 4, 2374-2383.
16. Shahbaz, M., Solarin, S. A., Hammoudeh, S, and Shahzad, S. J. H. (2017). Bounds Testing Approach to Analyzing the Environment Kuznets Curve Hypothesis: The Role of Biomass Energy Consumption in the United with Structural Breaks. *Energy Economics*, 68, 548-565.
17. Mensi, W., Hammoudeh, S., Shahzad, S. J. H., Al-Yahyaee, K. H. and Shahbaz, M. (2017). Oil and Foreign Exchange Market Tail Dependence and Risk Spillovers for MENA, Emerging and Developed Countries: VMD Decomposition Based Copulas. *Energy Economics*, 67, 476-495.
18. Shahbaz, M., Benkraiem, R., Miloudi, M. and Lahiani, A. (2017). Production Function with Electricity Consumption and Policy Implications in Portugal. *Energy Policy* 110, 588-599.
19. Shahzad, S. J. H., Raza, N., Balcilar, M., Ali, S. and Shahbaz, M. (2017). Can Economic Policy Uncertainty and Investors Sentiment Predict Commodities Returns and Volatility? *Resources Policy*, 53, 208-218.
20. Shahbaz, M., Shafiullah, M., Papavassiliou, V. G. and Hammoudeh, S. (2017). The CO₂-Growth nexus revisited: A nonparametric analysis for G7 economies over nearly two centuries. *Energy Economics*, 65, 183-193.
21. Shahbaz, M., Mallick, H., Mahalik, M. K. and Hammoudeh, S. (2017). Is Globalization Detrimental to Financial Development? Further Evidence from a Very Large Economy with Significant Orientation towards Policies. *Applied Economics*, Forthcoming.
22. Shahzad, S. J. H., Raza, N., Shahbaz, M. and Ali, A. (2017). Dependence between Stock with Gold and Bond under Bullish and Bearish Markets States. *Resources Policy*, 52, 308-319.

23. Bakhsh, K., Rose, S., Ali, M. F., Iqbal, N. and Shahbaz, M. (2017). Economic growth, CO₂ emissions, Renewable waste and FDI relation in Pakistan: New Evidences from 3SLS. *Journal of Environmental Management*, 196, 627-632.
24. Alvarez-Herranz, A., Balsalobre-Lorente, D., Shahbaz, M. and Cantos, J. M. (2017). Energy innovation and renewable energy consumption in the correction of air pollution levels. *Energy Policy*, 105, 386-397.
25. Haouas, I., Heshmati, A., Sohag, K. and Shahbaz, M. (2017). Hiring and Separation Rates Before and After the Arab Spring in the Tunisian Labor Market. *South African Journal of Economics*, Forthcoming
26. Kyophilavong, P., Shahbaz, M., Kim, B. and Jeong-Soo, O. H. (2017). A Note on the Electricity-Growth Nexus in Lao PDR. *Renewable and Sustainable Energy Reviews*, 77, 1251-1260.
27. Shahbaz, M., Bhattacharya, M. and Mahalik, M. K. (2017). Finance and Income Inequality in Kazakhstan: Evidence since Transition with Policy Suggestions. *Applied Economics*, Forthcoming
28. Shahbaz, M., Kandil, M., Mahalik, M. K., Nguyen, D. K. (2017). The drivers of economic growth in China and India: globalization or financial development? *International Journal of Development Issue*, 16 (1), 54-84.
29. Akhter, W., Akhter, B. and Shahbaz, M. (2017). Determinants of Deposits in Conventional and Islamic Banking: A Case of an Emerging Economy. *International Journal of Emerging Markets*, 12(2), 296-303.
30. Rehman, F., Nasir, M. and Shahbaz, M. (2017). What Have We Learned? Assessing the Effectiveness of Counterterrorism Strategies in Pakistan. *Economic Modelling*, 64, 487-495.
31. Shahbaz, M., Balcilar, M. and Zeynel, A. O. (2017). Does Oil Predict Gold? A Nonparametric Causality-in-Quantiles Approach. *Resources Policy*, 52, 257-265.
32. Shahbaz, M., Chaudhary, A. R. and Ozturk, I. (2017). Does Urbanization Cause Increasing Energy Demand in Pakistan? Empirical Evidence from STIRPAT Model. *Energy*, 122 (3), 83-93.
33. Raza, S. A., Shahbaz, M. and Paramati, S. R. (2017). Dynamics of Military Expenditure and Income Inequality in Pakistan. *Social Indicators Research*, 131, 1035-1055.
34. Shahbaz, M., Hoang, T. H. V., Mahalik, M. K. and Roubaud, D. (2017). Energy consumption, financial development and economic growth in India: New evidence from a nonlinear and asymmetric analysis. *Energy Economics*, 63 (3), 199-212.
35. Shahzad, S. J. H., Shahbaz, M., Ferrer, R. and Kumar, R. R. (2017). Tourism-led Growth Hypothesis in the Top Ten Tourist Destinations: New Evidence Using the Quantile-on-quantile Approach. *Tourism Management*, 60 (3), 223-232.
36. Lahiani, A., Miloudi, A., Benkraiem, R. and Shahbaz, M. (2017). Another look on the relationships between oil prices and energy prices. *Energy Policy*, 102 (3), 318-331.
37. Álvarez-Herránz, A., Balsalobre, D., Cantos, J. M. and Shahbaz, M. (2017). Energy Innovations-GHG Emissions Nexus: Fresh Empirical Evidence from OECD Countries. *Energy Policy*, 101 (2), 90-101.
38. Shahbaz, M., Islam, F. and Butt, M. S (2017). Finance-Growth-Energy Nexus and the Role of Agriculture and Modern Sectors: Evidence from ARDL Bounds Test Approach to Cointegration in Pakistan. *Global Business Review*, 17(5), 1037-1059.

39. Ahad, M., Afza, T. and Shahbaz, M. (2017). Financial Development and Estimation of Import Demand Function in Pakistan: Evidence from Combined Cointegration and Causality Tests. *Global Business Review*, 18 (1), 118-131.
40. Mensi, W., Hammoudek, S., Shahzad, S. J. H. and Shahbaz, M. (2017). Modeling systemic risk and dependence structure between oil and stock markets using a variational mode decomposition-based copula method. *Journal of Banking & Finance*, 75 (2), 258-279.
41. Alam, S., Ahmed, S. M. and Shahbaz, M. (2017). Exchange Rate Volatility and Pakistan's Exports to Major Markets: A Sectoral Analysis. *Global Business Review*, 18, Forthcoming
42. Khraief, N., Shahbaz, M., Mallick, H. and Nanthakumar, L. (2017). Estimation of Electricity Demand Function for Algeria: Revisit of Time Series Analysis. *Renewable & Sustainable Energy Reviews*, Forthcoming
43. Sbia, R., Shahbaz, M. and Ozturk, I. (2017). Economic Growth, Financial Development, Urbanization and Electricity Consumption Nexus in UAE. *Economic Research*, 30 (1), 527-549.
44. Shahbaz, M., Khan, S., Ali, A. and Bhattacharya, M. (2017). The Impact of Globalization on CO2 Emissions in China. *The Singapore Economic Review*, 62, Forthcoming
45. Mahalik, M. K., Suresh. B., Nanthakumar, L. and Shahbaz, M. (2017). Does Financial Development Intensify Energy Consumption in Saudi Arabia? *Renewable & Sustainable Energy Reviews*, 75, 1022-1034.
46. Shahzad, S. J. H., Nor, S. M., Hammoudeh, S. and Shahbaz, M. (2017). Directional and Bidirectional Causality between U.S. Industry Credit and Stock Markets and their Determinants. *International Review of Economics & Finance*, 47, 46-61.
47. Shahbaz, M., Nasreen, S., Ahmed. K. and Hammoudeh, S. (2017). Trade Openness-Carbon Emissions Nexus: The Importance of Turning Points of Trade Openness for Country Panels. *Energy Economics*, 61 (1), 221-232.
48. Paramati, S. R., Shahbaz, M. and Alam, Md. (2017). Does Tourism Degrade Environmental Quality? A Comparative Study of Eastern and Western European Union. *Transportation Research Part D: Transport and Environment*, 50, 1-13.
49. Ling, C. H., Ahmed, K., Muhamad, R., Shahbaz, M. and Loganathan, N. (2017). Testing the Social Cost of Rapid Economic Development in Malaysia: The Effect of Trade on Life Expectancy. *Social Indicators Research*, 130 (3), 1005-1023.
50. Shahbaz, M., Islam, F. and Rehman, I. (2016). Stocks as Hedge against Inflation in Pakistan: Evidence from ARDL Approach. *Global Business Review*, 17 (6), 1280-1295.
51. Shahbaz, M., Loganathan, N., Nooreen, M., Ali, A. and Nawaz, A. (2016). Determinants of Life Expectancy and its Prospects under the Role of Economic Misery: A Case of Pakistan. *Social Indicators Research*, 126 (3), 1299-1316.
52. Khan, M. M., Zaman, K., Irfan, D., Awan, U., Ali, G., Kyophilavong, P., Shahbaz, M. and Naseem, I. (2016). Triangular relationship among energy consumption, air pollution and water resources in Pakistan. *Journal of Cleaner Production*, 112 (2), 1375-1385.
53. Feridun, M. and Shahbaz, M. (2016). Immigration and Electricity Consumption: The Case of Northern Cyprus. *International Journal of Green Energy*, 13 (2), 138-142.
54. Shahbaz, M., Sherafatian-Jahromi, R., Malik, M. N., Shabbir, M. S. and Jam, F. A. (2016). Linkages between Defense Spending and Income Inequality in Iran. *Quality & Quantity*, 50 (3), 1317-1332.
55. Shahbaz, M., Rehman, I. and Afza, T. (2016). Macroeconomic Determinants of Stock Market Capitalization in an Emerging Market: Fresh Evidence from Cointegration with Unknown

- Structural Breaks. *Macroeconomics and Finance in Emerging Market Economies*, 9(1), 75-99.
56. Shahbaz, M., Bhattacharya, M. and Ahmed, K. (2017). CO₂ Emissions in Australia: Economic and Non-Economic Drivers in the Long-Run. *Applied Economics*, 49 (13), 1273-1286.
 57. Shhabaz, M., Kumar, R. R. Ivanov, S. and Loganathan, N. (2017). Nexus between Tourism Demand and Output Per Capita with Relative Importance of Trade and Financial Development: A Study of Malaysia. *Tourism Economics*, 23 (1), 168-186.
 58. Alam, M. S., Paramati, S. R., Shahbaz, M. and Bhattacharya, M. (2017). Natural Gas, Trade and Sustainable Growth: Empirical Evidence from the Top Gas Consumers of the Developing World. *Applied Economics*, 49 (7), 635-649.
 59. Shahzad, S. J. H., Ameer, S. and Shahbaz, M. (2016). Disaggregating the Correlation under Bearish and Bullish Markets: A Quantile-quantile Approach. *Economics Bulletin*, 36 (4), 2465-2473.
 60. Alam, M. S., Raza, S. A., Shahbaz, M. and Abbas, Q. (2016). Accounting for Contribution of Trade Openness and Foreign Direct Investment in Life Expectancy: The Long-run and Short-run Analysis in Pakistan. *Social Indicators Research*, 129 (3), 1155–1170.
 61. Raza, N., Shahzad, S. J. H., Tiwari, A. K. and Shahbaz, M. (2016). Asymmetric Impact of Gold, Oil Prices and Their Volatilities on Stock Prices of Emerging Markets. *Resources Policy*, 49 (3), 290-301.
 62. Ahmad, A., Zhao, Y., Shahbaz, M. Bano, S., Zhang, Z., Wang, S. and Liu, Y (2016). Carbon Emissions, Energy Consumption and Economic Growth: An Aggregate and Disaggregate Analysis of the Indian Economy. *Energy Policy*, 96 (9), 131–143.
 63. Shahbaz, M., Rasool, G., Ahmad, K. and Kumar, M. M. (2016). Considering the Effect of Biomass Energy Consumption on Economic Growth: Fresh Evidence from BRICS Region. *Renewable and Sustainable Energy Reviews*, 60 (7), 1442–1450.
 64. Afza, T., Ahmed, K., Shahbaz, M. (2016). Does Harberger-Laursen-Metzler (HLM) Exist in Pakistan? Cointegration, Causality and Forecast Error Variance Decomposition Tests. *Global Business Review*, 17, (5), 759-778.
 65. Shahbaz, M., Shabbir, M. S and Butt, M. S. (2016). Does Military Spending Explode External Debt in Pakistan? *Defence and Peace Economics*, 27 (5), 718-741.
 66. Tang, C. F., Tiwari, A. K. and Shahbaz, M. (2016). Dynamic Inter-Relationships among Tourism, Economic Growth and Energy Consumption in India. *Geosystem Engineering*, 19 (4), 158-169.
 67. Ahmed, K., Kumar, M. M. and Shahbaz, M. (2016). Dynamics between Economic Growth, Labor, Capital and Natural Resource Abundance in Iran: An Application of the Combined Cointegration Approach. *Resources Policy*, 49 (3), 213–221.
 68. Leitão, N. C. and Shahbaz, M. (2016). Economic Growth, Tourism Arrivals and Climate Change. *Bulletin of Energy Economics*, 4(1), 35-43.
 69. Shahbaz, M., Solarin, S. A. and Ozturk, I. (2016). Environmental Kuznets Curve Hypothesis and the Role of Globalization in Selected African Countries. *Ecological Indicators*, 67 (8), 623–636.
 70. Azam, M., Shahbaz, M., Kyophilavong, P. and Abbas, Q. (2016). External Sources and Economic Growth-The Role of Foreign Remittances: Evidence from Europe and Central Asia. *The Journal of Developing Areas*, 50 (2), 367-387.

71. Shahbaz, M., Nasreen, N. and Ozturk, I. (2016). FDI, Growth and CO₂ Emissions Relationship: Evidence from High, Middle and Low Income Countries. *Bulletin of Energy Economics*, 4(1), 54-69.
72. Shahbaz, M., Loganathan, N., Muzaffar, A. T., Ahmed, K. and Jabran, M. A. (2016). How Urbanization Affects CO₂ Emissions in Malaysia? The Application of STIRPAT Model. *Renewable & Sustainable Energy Reviews*, 57 (5), 83-93.
73. Shahbaz, M., Tiwari, A. K. and Khan, S. (2016). Is Energy Consumption per Capita Stationary? Evidence from First and Second Generation Panel Unit Root Tests. *Economics Bulletin*, 36 (3), 1656-1669.
74. Mujahid, N., Shabbir, M. S. and Shahbaz, M. (2016). Labor Market Conditions-Female Labor Supply Nexus: The Role of Globalization in Pakistan. *Global Business Review*, 17 (1), 68-87.
75. Abosedra, S., Shahbaz, M. and Nawaz, K. (2016). Modeling Causality between Financial Deepening and Poverty Reduction in Egypt. *Social Indicators Research*, 126 (3), 955-969.
76. Ahmed, K., Shahbaz, M. and Ozturk, I. (2016). Modeling Trade and Climate Change Policy: A Strategic Framework for Global Environmental Negotiators. *Journal of Water and Climate Change*, 7 (4), 731-748.
77. Shahbaz, M., Jam, A. F., Bibi, S. and Nanthakumar, L. (2016). Multivariate Granger Causality between CO₂ Emissions, Energy Intensity and Economic Growth in Portugal: Evidence from Cointegration and Causality Analysis. *Technological and Economic Development of Economy*, 22 (1), 47-74.
78. Ahmed, K., Shahbaz, M. and Kyophilavong, P. (2016). Revisiting the Emissions-Energy-Trade Nexus: Evidence from the Newly Industrializing Countries. *Environmental Science and Pollution Research*, 23 (8), 7676-7691.
79. Kyophilavong, P., Uddin, G. S. and Shahbaz, M. (2016). The Nexus between Financial Development and Economic Growth for Lao PDR. *Global Business Review*, 17 (2), 303-317.
80. Alam, M. S., Shahbaz, M. and Paramati, S. R. (2016). The Role of Financial Development and Economic Misery on Life Expectancy: Evidence from Post Financial Reforms in India. *Social Indicators Research*, 128 (2), 481-497.
81. Shahbaz, M., Mallick, H., Mahalik, M. K. and Sadorsky, P. (2016). The Role of Globalization on the Recent Evolution of Energy Demand in India: Implications for Sustainable Development. *Energy Economics*, 55(3), 52-68.
82. Shahbaz, M., Rehman, I., Sbia, R. and Hamdi, H. (2016). The Role of Information Communication Technology and Economic Growth in Recent Electricity Demand: Fresh Evidence from Combine Cointegration Approach in UAE. *Journal of Knowledge Economy*, 7 (3), 797-818.
83. Shahbaz, M., Mahalik, M. K., Shah, S. H. and Sato, J. R. (2016). Time-Varying Analysis of CO₂ Emissions, Energy Consumption and Economic Growth Nexus: Statistical Experience in Next-11 Countries. *Energy Policy*, 98 (11), 33-48.
84. Zaman, K., Shahbaz, M., Nanthakumar, L. and Raza, M. A. (2016). Tourism Development, Energy Consumption and Environmental Kuznets Curve: Trivariate Analysis in the Panel of Developed and Developing Countries. *Tourism Management*, 45 (3), 275-283.
85. Abosedra, S., Shahbaz, M. and Sbia, R. (2015). The Links between Energy Consumption, Financial Development, and Economic Growth in Lebanon: Evidence from Cointegration with Unknown Structural Breaks. *Journal of Energy*, 1, 1-15.

86. Kyophilavong, P., Shahbaz, M., Uddin, G. S. (2015). A Note on Nominal and Real Devaluation in LAOS. *Global Business Review*, 16 (2), 236-243.
87. Rasool, G., Ehsan, F. and Shahbaz, M. (2015). A Systematic Review on Electricity Management Systems. *Renewable & Sustainable Energy Reviews*, 49 (9), 975–989.
88. Shahbaz, M., Tiwari, A. K. and Tahir, M. I. (2015). Analyzing Time-Frequency Relationship between Oil price and Exchange rate in Pakistan through Wavelets. *Journal of Applied Statistics*, 42 (4), 690-704.
89. Shahbaz, M., Solarin, S. A. and Mallick, H. (2015). Are Fluctuations in Gas Consumption Per Capita Transitory? Evidence from LM Unit Root Test with Two Structural Breaks. *Bulletin of Energy Economics*, 3(4), 203-209.
90. Ling, C. H., Ahmed, A., Muhamad, R. and Shahbaz, M. (2015). Decomposing the Trade-Environment Nexus for Malaysia: What Do the Technique, Scale, Composition and Comparative Advantage Effect Indicate? *Environmental Science and Pollution Research*, 22 (24), 20131–20142.
91. Shahbaz, M., Solarin, S. A., Sbia, R. and Bibi, S. (2015). Does Energy Intensity Contribute to CO2 Emissions? A Trivariate Analysis in Selected African Countries. *Ecological Indicators*, 50 (3), 215-224.
92. Shahbaz, M., Nasreen, S., Abbas, F. and Omri, A. (2015). Does Foreign Direct Investment Impede Environmental Quality in High, Middle and Low-income Countries? *Energy Economics*, 51 (9), 275-287.
93. Shahbaz, M., Mallick, H., Mahalik, M. K. and Loganathan, N (2015). Does Globalization Impede Environmental Quality in India? *Ecological Indicators*, 52 (5), 379–393.
94. Shahbaz, M., Ozturk, I. and Ali, A. (2015). Electricity Consumption and Economic Growth Causality Revisited: Evidence from Turkey. *Bulletin of Energy Economics*, 3 (4), 176-193.
95. Raza, S. A., Shahbaz, M. and Nguyen. D. K. (2015). Energy Conservation Policies, Growth and Trade Performance: Evidence of Feedback Hypothesis in Pakistan. *Energy Policy*, 79 (5), 1-10.
96. Shahbaz, M., Loganathan, N., Tiwari, A. K. and Sherafatian-Jahromi, R. (2015). Financial Development and Income Inequality: Is there any Financial Kuznets curve in Iran? *Social Indicators Research*, 124 (2), 357-382.
97. Rahman, M. M., Shahbaz, M., Farooq, A. (2015). Financial Development, International Trade and Economic Growth in Australia: New Evidence from Multivariate Framework Analysis. *Journal of Asia-Pacific Business*, 16 (1), 21-43.
98. Ali, A., Mujahid, N., Rashid, Y. and Shahbaz, M. (2015). Human Capital Outflow and Economic Misery: Fresh Evidence for Pakistan. *Social Indicators Research*, 124 (3), 747-764.
99. Ahmed, K., Shahbaz, M., Qazi, A. and Long, W. (2015). Linkages between Deforestation, Energy and Growth for Environmental Degradation in Pakistan. *Ecological Indicators*, 49 (2), 95-103.
100. Solarin, S. A. and Shahbaz, M. (2015). Natural Gas Consumption and Economic Growth: The Role of Foreign Direct Investment, Capital Formation and Trade Openness in Malaysia. *Renewable & Sustainable Energy Reviews*, 42 (2), 835-845.
101. Shahbaz, M., Naceur, K. and Jemaa, M. M. B. (2015). On the Causal Nexus of Road Transport CO2 Emissions and Macroeconomic Variables in Tunisia: Evidence from Combined Cointegration Tests. *Renewable & Sustainable Energy Reviews*, 51 (11), 89-100.

102. Shahbaz, M., Rehman, I. and Muzaffar, A. T. (2015). Re-Visiting Financial Development and Economic Growth Nexus: The Role of Capitalization in Bangladesh ", *South African Journal of Economics*, 83 (3), 452-471.
103. Mamun, M. A., Sohag, K., Shahbaz, M, and Uddin, M. S. (2015). Remittance and Domestic Labor Productivity: Evidence from Remittance Recipient Countries. *Economic Modelling*, 47 (3), 207-218.
104. Hassan, M. S., Wajid, A., Mahmood, H. and Shahbaz, M. (2015). Testing Relevance of Twin Deficit for a Transition Economy like Pakistan. *Transylvanian Review of Administrative Sciences*, 46 (5), 91-106.
105. Shahbaz, M., Dube, S., Ozturk, I. and Jalil, A. (2015). Testing the Environmental Kuznets Curve Hypothesis in Portugal. *International Journal of Energy Economics and Policy*, 5 (2), 475-481.
106. Shahbaz, M., Loganathan, N., Sbia, R. and Afza, T. (2015). The Effect of Urbanization, Affluence and Trade Openness on Energy Consumption: A Time Series Analysis in Malaysia. *Renewable & Sustainable Energy Reviews*, 47 (7), 683-693.
107. Kyophilavong, P., Shahbaz, M., Anwar, S. and Masood, S. (2015). The Energy-Growth Nexus in Thailand: Does Trade Openness Boost up Energy Consumption? *Renewable & Sustainable Energy Reviews*, 46 (6), 265-274.
108. Kandil, M., Shahbaz, M. and Nasreen, S. (2015). The Interaction between Globalization and Financial Development: New Evidence from Panel Co-integration and Causality Analysis. *Empirical Economics*, 49 (4), 1317-1339.
109. Bouoiyour, J., Selmi, R., Tiwari, A. K. and Shahbaz, M. (2015). The Nexus between Oil price and Russia's Real Exchange rate: Better Paths via Unconditional vs Conditional Analysis. *Energy Economics*, 51 (9), 54-66.
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Conference Papers Presentations

1. Shahbaz, M., Omay, T. Roubaud, D. (2017). The Sharp and Smooth Breaks Unit Root Testing of Renewable Energy Consumption: The Way Forward. 1st International Conference on Energy, Finance and Macroeconomy (ICEFM), November 22-24, Montpellier Business School, Montpellier, France.
2. Shahzad, S. J. H., Hernandez, J. A., Bekiros, S. and Shahbaz, Z. (2017). A Systemic Risk Analysis of Global Islamic Equity Markets using Vine Copulas and Delta Covar Modeling. Vietnam Symposium in Banking and Finance, October 26-28, Ho Chi Minh City, Vietnam.
3. Sethi, D., Tiwari, A. K. and Shahbaz, M. (2017). Is Finance-Growth Nexus Nonlinear? Evidence from Linear and Nonlinear Causality Analysis. International Conference on Applied Economics and Policy (ICAEP), August 21st – 22nd, 2017, University of Malaya, Kuala Lumpur, Malaysia.
4. Shahbaz, M. (2017). Globalization-Emissions Nexus: Testing the EKC hypothesis in Next-11 Countries. Singapore Economic Review Conference, August 2 - 4, Nanyang Technological University, Singapore.
5. Shahbaz, M. (2017). Globalization, Economic Growth and Energy Consumption in the BRICS Region: The Importance of Asymmetries. The Euro-Asia Forum in Politics, Economics and Business, July 20-21, Istanbul, Turkey.
6. Shahbaz, M. (2017). Does the Environmental Kuznets Curve Exist for the Most Polluting Countries? A Decomposed Analysis of China and India. The 5th International Symposium on Environment and Energy Finance Issues (ISEFI-2017), May 22-23, IPAG Business School, Paris, France.
7. Shahbaz, M., Honag, V. T. and Shehzad, S. J. H. (2017). Renewable Energies and Industrial Production in the USA: A Disaggregated Analysis. . The 5th International Symposium on Environment and Energy Finance Issues (ISEFI-2017), May 22-23, IPAG Business School, Paris, France.
8. Shahbaz, M. (2017). Testing the Globalization Driven Carbon Emissions Hypothesis: International Evidence. The 5th International Symposium on Environment and Energy Finance Issues (ISEFI-2017), May 22-23, IPAG Business School, Paris, France.
9. Shahbaz, M. (2017). Does Globalization Intensify Energy Demand in High, Middle and Low Income Countries? The Significance of Time Lags and Leads. The 2nd HAEE ENERGY CONFERENCE “The landscape in the new era of energy transition: Challenges, investment opportunities and technological innovations”, May 18-20, Athens, Greece.
10. Shahbaz, M. and Balsalobre, D. (2017). Energy Innovation and Corruption Perception Index in Emissions Process: Evidence through the EKC Hypothesis. The 2nd HAEE ENERGY CONFERENCE “The landscape in the new era of energy transition: Challenges, investment opportunities and technological innovations”, May 18-20, Athens, Greece.
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12. Shahbaz, M. (2017). Globalisation, economic growth and energy consumption in the BRICS region: the importance of asymmetries. VII_t Workshop, Time Series Econometrics, March 30-31, Zaragoza, Spain.

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14. Shahbaz, M. (2016). How Strong is the Causal Relationship between Globalization and Energy Consumption in Developed Economies? A Country-Specific Time-Series and Panel Analysis. INFINITI 2016 Asia-Pacific, December 7-8, University of Economics, Ho Chi Minh City, Vietnam.
15. Shahbaz, M. (2016). Linkages between Foreign Capital Inflows and Energy Consumption: Fresh Evidence from Pakistan. INFINITI 2016 Asia-Pacific, December 7-8, University of Economics, Ho Chi Minh City, Vietnam.
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17. Shahbaz, M., Islam, F. and Butt, M. S. (2015). Finance-Growth-Energy Nexus and the Role of Agriculture and Modern Sectors: Evidence from ARDL Bounds Test Approach to Cointegration in Pakistan. Structural Reforms for Inclusive Development. Applied Economics and Research Center, Karachi University, Karachi, Pakistan.
18. Shahbaz, M., Awokuse, T. O. and Ahmed, K. (2015). Financial Development and the Trade-Growth Nexus: A Tale of Two Countries. 4th International Research Meeting in Business and Management, IPAG, Paris, France.
19. Shahbaz, M. (2015). Measuring Economic Cost of Electricity Shortage: Current Challenges and Future Prospects in Pakistan. International Conference on Management, Education and Social Sciences Research, Iqra University, Karachi, Pakistan.
20. Sbia, R., Mallick, H. and Shahbaz, M. (2014). A Re-estimation of Electricity Demand Function for Algeria: A Time Series Analysis. International Conference on Economic Modeling, July 16-18, Bali, Indonesia.
21. Shahbaz, M. and Khraief, N. (2014). Are fluctuations in Military Spending Transitory or Permanent? International Conference on Business, Economics, Energy and Environmental Sciences, September 19-21, Kala Lumpur, Malaysia.
22. Rehman, I., Shahbaz, M. and Kyophilavong, P. (2014). Do Technological Developments and Financial Development Promote Economic Growth: Fresh Evidence from Romania? 12th Globlics International Conference, October 29-31, Ethiopia.
23. Farooq, A., Shahbaz, M. and Rashid, A. (2014). Electricity Consumption, Economic Growth, CO₂ Emissions and Exports: Evidence from Multivariate Granger Causality Tests in Pakistan. IABE-2014 Las Vegas- Annual Conference, United States of America.
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47. Shahbaz, M. and Aamir, N. (2009). Are Devaluations Contractionary in Pakistan? Empirical Evidence for Pakistan. International Conference on Islamic Economics and Economies of the OIC Countries 2009, Kuala Lumpur, Malaysia.
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52. Shahbaz, M. (2008). Recent Determinants of National Savings: A Case Study for Pakistan. 4th International Conference on Social Sciences, July 18-20, University of Kelaniya, Kelaniya, Sri Lanka.
53. Kalim, R. and Shahbaz, M. (2008). Remittances and Poverty Nexus: Evidence from Pakistan. Oxford Business & Economics Conference, pp: 1-15, ISSN: 978-0-9742114-7-3

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57. Shahbaz, M. (2007). Does Globalization Benefit the Poor? Evidence from Pakistan. International Conference on Poverty and Distribution amidst Diversity: Options and Challenges for Development, University of Malaya, Malaysia.
58. Shahbaz, M. and Aamir, N. (2007). Macroeconomic Determinants of the Happiness of the Poor: A Case Study of Pakistan. Towards Global Transformation, 23rd Gross National Happiness Conference at Bhutan, 2007, pp: 367-389
59. Shahbaz, M. (2007). Financial Development and Income Inequality: An ARDL Approach in Pakistan. 22nd AGM Conference, December 19-22, Pakistan Institute of Development Economists, Qayid-e-Azam University, Islamabad, Pakistan.

SELECTED ACADEMIC CONTRIBUTIONS

Book Review

Ethics for Development by Das Gupta in 2007.

Guest Editorship

Resources Policy

Associate Editorship

International Journal of Financial Markets, Institutions & Money
Emerging Markets Review

External Reviewer

European Economic Review, Journal of Economic Growth, Energy Economics, Energy Policy, Energy, Environmental Assessment & Modelling, Renewable and Sustainable Energy Reviews, Journal of Cleaner Production, Empirical Economics, Economic Modelling, Economic Bulletin, Economic Research, International Journal of Economic Sciences and Applied Research, and Energy Management, The World Economy, Environment, Development and Sustainability, Journal of Economic and Policy Reforms, Economia Politica, International Review of Economics and Finance,

Working Papers and Conference Presentations

Published and/or presented 30 papers in various conferences and working paper series.

Post-Doc Students

1. Dr Aviral Kumar Tiwari, “Energy and Macconomic Development”, Montpellier Business School, Montpellier, France.
2. Dr. Seyd Jawad Hussain Shahzad, “Volatility and Oil Market Efficiency”, Montpellier Business School, Montpellier, France.

PhD Supervision

1. Kanwal Bilal, “Examining the moderated-mediation model of Organizational Performance: An Evidence from Textile Sector of Pakistan”, COMSATS Institute of Information Technology, Lahore, Pakistan.
2. Elham Talebbeydokhti, “Three Essays on Oil Markets and the Energy Consumption-Economic Growth Nexus” University of Padova, Italy.

MAS/M. Phil Supervision

1. Financial System-Economic Growth Nexus: An Application of Principal Component Analysis in Pakistan (2013-2105)

Decomposing the Relationship between Financial Development, Trade Openness and Economic Growth: Empirical Evidence from D-8 Countries (Under Process)

