Updated as of 30th December 2024

MUNTASIR MURSHED

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Educational Qualifications

1. **Master of Science (M. S.) in Economics at North South University, Bangladesh (*department topper*)**
2. **Bachelor of Science (B. S.) in Economics at North South University, Bangladesh (*Cum Laude recipient*)**
3. **A-Levels at Mastermind School**
4. **O-Levels at S.F.X. Green Herald International School**

Professional Experiences

1. Currently working as **Research Fellow** (from August 2024) at **Bangladesh Institute of Development Studies (BIDS)**, Bangladesh.
2. Worked as **Research Associate** (from April 2023 to August 2024) at **Bangladesh Institute of Development Studies (BIDS)**, Bangladesh.
3. Worked as **Research Fellow** (from January 2024 to August 2024) under the *Department of Business Administration* at **Daffodil International University,** Bangladesh.
4. Worked as **Research Expert** (from January 2022 to December 2023) under the *Department of Journalism, Media, and Communications* at **Daffodil International University**, Bangladesh.
5. Worked as **Research Officer** (from October 2018 to March 2023) at **Bangladesh Institute of Development Studies (BIDS)**, Bangladesh.
6. Worked as **Research Analyst** (from January 2020 to June 2020) for the project *Review of Rural Livelihood Programs* (funded by the **World Bank**) under (**Bangladesh Institute of Development Studies**).
7. Worked as **Research Associate** (from May 2019 to December 2020) for evaluation of the project *Employment Generation Program for the Poorest* (funded by the **World Bank**) under (**Bangladesh Institute of Development Studies (BIDS)**).
8. Worked as **Data Management Expert** (from July 2019 to October 2019) for the **United Nations Development Programme (UNDP)** on the project "*Strengthening Women's Ability for Productive New Opportunities (SWAPNO-Cycle 2) Project* under (**Bangladesh Institute of Development Studies (BIDS)**).
9. Worked as **Programme Associate (Research)** (from November 2017-January 2018) at the **Centre for Policy Dialogue (CPD)**, Bangladesh

   Job Responsibilities:

   **Contributed to the CPD's 'IRBD State of the Bangladesh Economy in FY18' (1st reading) report.*
   **Conducting and coordinating fieldworks (i.e. surveys, focus group discussion, in-depth interviews, consumer observations etc.) across different stakeholders of the project*
   **Designing research instruments such as recruitment questionnaire, discussion guide, content analysis*
   **Presenting the qualitative, quantitative, and mixed research findings on the report*
   **Writing the final report on the state of the Bangladesh economy*
   **Working under supervisor and in a team completing tasks within deadline*
   **Involved in data collection from Bangladesh Bank, BBS, BIDA, NBR, and MoF.*
10. Worked as **Research Associate** (from April 2017-October 2017) at **North South University** for the project "Socioeconomic Impacts of Seaside Tourism in Bangladesh" funded by North South University (NSU)

    Job Responsibilities:

    **Conducting and coordinating fieldworks (i.e. surveys, focus group discussion, in-depth interviews, consumer observations etc.) across different stakeholders of the project*
    **Designing research instruments such as recruitment questionnaire, discussion guide, content analysis*
    **Represent the qualitative, quantitative and mixed research findings on the report*
    **Writing the final report with ensured quality*
11. Worked as **Research Assistant** (from September 2016-March 2017) at *School of Business and Economics (SBE)*, **North South University.**

    Job Responsibilities:

    **Identifying problematic areas and conduct research to determine the best course of action to correct the data*

*Identifying, analysing and interpreting trends or patterns in complex data sets
*Acquiring and abstracting secondary data from existing internal or external data sources

Research Interests/specialization

Energy Economics; Environmental Economics; Development Economics; International Economics; Sustainable Development Goals (SDG); Financial Economics

Professional Training Programs

1. Completed a training course on **R and Python** held from October 01-31, 2020, conducted by Bangladesh Institute of Governance and Management (BIGM).
2. Completed a training course on **Impact Evaluation Techniques in Microeconomic Development Research** held from January 9-10, 2019, conducted by South Asian Network on Economic Modeling (SANEM).
3. Completed a training course on **Advanced Training Course on Research Techniques in Social Sciences-2017** held from October 04-November 8, 2017, conducted by the Bureau of Economic Research, University of Dhaka
4. Completed a training course on **STATA and Applied Statistics** held from March 02-30, 2017 conducted by Institute of Statistical Research and Training (ISRT), University of Dhaka
5. Completed a training course on **Data Analysis with STATA** held from October 2017-January 2028 conducted by United International University.
6. Completed an advanced training course on **Training on Scientific Writing** held from February04-16, 2019 conducted by the Global Health Institute, North South University, Dhaka, Bangladesh.

Academic Software proficiency

STATA, EViews, RStudio, Gauss, Python, SPSS, Microsoft Office, MATLAB, Microfit

Research Skills

- Specialized in conducting primary and secondary research
- Efficient in writing formal reports and research papers
- Proficient in Linguistics (English, Bengali, and Hindi/Urdu)
- Data Mining, Business Forecasting and Quantitative, Qualitative Research

Recognitions of Research Excellence

- Top2% Scientist 2021-2024 (Stanford University-Elsevier Rankings)
- RePEC Top Young Economist 2023-2024
- Citations count: Google Scholar (15,285); Scopus Elsevier (11,236); Web of Science (10,157)

Awards and Achievements

1. Received the **Best Paper Award** for the paper titled '**An Empirical analysis of Foreign Assistance Inflows and Government Expenditure movements in Bangladesh: A 2SLS Estimation Approach,**' at the 5th International Conference on Social Sciences (ICOSS) 2018. Colombo, Sri Lanka.
2. Received the **Best Paper Award** for the paper titled '**An Empirical Investigation of Foreign Aid and Dutch Disease in Bangladesh**.' at the International Conference for Bankers and Academics (ICBA) 2016, Dhaka, Bangladesh.

Publication Profiles

Journal Articles (Solo Author)

1. **Murshed, M.** (2024). Can income inequality reduction policies limit the disparity between urban and rural clean cooking fuel access rates? **Sustainable Development**. https://doi.org/10.1002/sd.3169
2. **Murshed, M.** (2024). The relevance of scaling technological innovation finances for evading the carbon curse of mineral resources: Insights from Latin America and the Caribbean. **Mineral Economics**. https://doi.org/10.1007/s13563-024-00466-7
3. **Murshed, M.** (2024). Testing the non-linear environmental effects of ongoing renewable energy transition in underdeveloped nations: the significance of technological innovation, governance, and financial globalization. **Gondwana Research**, 130, 36-52. https://doi.org/10.1016/j.gr.2023.12.019

4. **Murshed, M.** (2024). The role of Fintech financing in correcting ecological problems caused by mineral resources: testing the novel Ecological Deficit hypothesis. **Resources Policy**, 88, 104439. https://doi.org/10.1016/j.resourpol.2023.104439
5. **Murshed, M.** (2024). Can resolving geopolitical tensions help South Asian countries elude the carbon curse of natural resources? **Resources Policy**, 90, 104830. https://doi.org/10.1016/j.resourpol.2024.104830
6. **Murshed, M.** (2024). Is digitalization essential for abating carbon emission growth in South Asia? **Heliyon**, 10(20), e39012. https://doi.org/10.1016/j.heliyon.2024.e39012
7. **Murshed, M.** (2024). Can renewable energy transition drive green growth? The role of good governance in promoting carbon emission-adjusted economic growth in Next Eleven countries. **Innovation and Green Development**, 3(2), 100123. https://doi.org/10.1016/j.igd.2023.100123
8. **Murshed, M.** (2024). Exploring the relevance of investing in technological innovation programs for handling natural resource consumption-related environmental challenges in developing countries. **Environmental Challenges**, 14(1), 100844. https://doi.org/10.1016/j.envc.2024.100844
9. **Murshed, M.** (2023). Efficacies of technological progress and renewable energy transition in amplifying national electrification rates: contextual evidence from developing countries. **Utilities Policy**, 81, 10152. https://doi.org/10.1016/j.jup.2023.101512
10. **Murshed, M.** (2023). The relevance of reducing income inequality for eliminating urban-rural divide in clean cooking fuel accessibility: Evidence from Latin America and the Caribbean. **Energy**, 278, 127718. https://doi.org/10.1016/j.energy.2023.127718
11. **Murshed, M.** (2023). A regional appraisal of electricity accessibility determinants: The relevance of international remittances, clean energy, income inequality, and institutional quality. **Environmental Science and Pollution Research**, 30(17), 51228-51244. https://doi.org/10.1007/s11356-023-25889-7
12. **Murshed, M.** (2023). Can using energy resources productively and promoting good governance boost carbon productivity? An economic growth-environmental degradation decoupling analysis on 116 global countries. **Environmental Science and Pollution Research**. https://doi.org/10.1007/s11356-023-28215-3
13. **Murshed, M.** (2023). An empirical re-investigation for verifying the Pollution Haven Hypothesis concerning the foreign direct investment-carbon intensity nexus: contextual evidence from BRICS. **Environmental Challenges**, 13, 100793. https://doi.org/10.1016/j.envc.2023.100793
14. **Murshed, M.** (2022). The impacts of fuel exports on sustainable economic growth: The importance of controlling environmental pollution in Saudi Arabia. **Energy Reports**, 8, 13708-13722. https://doi.org/10.1016/j.egyr.2022.09.186
15. **Murshed, M.** (2022). Pathways to clean cooking fuel transition in low and middle income Sub-Saharan African countries: The relevance of improving energy use efficiency. **Sustainable Production and Consumption**, 30, 396-412. https://doi.org/10.1016/j.spc.2021.12.016
16. **Murshed, M.** (2022). Widow, deserted, and destitute women allowance and rural female labor force participation in Bangladesh: Linking social protection to Sustainable Development Goals. **Journal of Public Affairs**, 22(4), e2652. https://doi.org/10.1002/pa.2652
17. **Murshed, M.** (2022). Revisiting the deforestation-induced EKC hypothesis: the role of democracy in Bangladesh. **GeoJournal**, 87(1), 53-74. https://doi.org/10.1007/s10708-020-10234-z
18. **Murshed, M.** (2021). Modeling primary energy and electricity demands in Bangladesh: An autoregressive distributed lag approach. **Sustainable Production and Consumption**, 27(C), 698-712. https://doi.org/10.1016/j.spc.2021.01.035
19. **Murshed, M.** (2021). Can regional trade integration facilitate renewable energy transition to ensure energy sustainability in South Asia? **Energy Reports**, 7(C), 808-821. https://doi.org/10.1016/j.egyr.2021.01.038
20. **Murshed, M.** (2021). LPG consumption and environmental Kuznets curve hypothesis in South Asia: a time-series ARDL analysis with multiple structural breaks. **Environmental Science and Pollution Research**, 28(7), 8337-8372. https://doi.org/10.1007/s11356-020-10701-7
21. **Murshed, M.** (2020). Electricity conservation opportunities within private university campuses in Bangladesh. **Energy & Environment**, 31(2), 256–274. https://doi.org/10.1177/0958305X19857209
22. **Murshed, M.** (2020). Are Trade Liberalization policies aligned with Renewable Energy Transition in low and middle income countries? An Instrumental Variable approach. **Renewable Energy,** 151, 1110-1123. https://doi.org/10.1016/j.renene.2019.11.106
23. **Murshed, M.** (2020). An empirical analysis of the non-linear impacts of ICT-trade openness on renewable energy transition, energy efficiency, clean cooking fuel access and environmental sustainability in South Asia. **Environmental Science and Pollution Research**, 27(29), 36254-36281. https://doi.org/10.1007/s11356-020-09497-3

24. **Murshed, M.** (2019). An Empirical Investigation of Foreign Financial Assistance Inflows and Its Fungibility Analyses: Evidence from Bangladesh. **Economies**, 7(3), 95. https://doi.org/10.3390/economies7030095
25. **Murshed, M.** (2018). Does Improvement in Trade Openness Facilitate Renewable Energy Transition? Evidence from Selected South Asian Economies. **South Asia Economic Journal**, 19(2), 151–170. https://doi.org/10.1177/2F1391561418794691

Journal Articles (Co-authored)

26. Sinha, A., **Murshed, M.**, Das, N., & Saha, T. (2025). Modeling Renewable Energy Market Performance under Climate Policy Uncertainty: A Novel Multivariate Quantile Causality Analysis. **Risk Analysis**. [*forthcoming*]
27. Balsalobre-Lorente, D., Sinha, A., & **Murshed, M.** (2023). Russia-Ukraine conflict sentiments and energy market returns in G7 countries: Discovering the unexplored dynamics. **Energy Economics**, 125, 106847. https://doi.org/10.1016/j.eneco.2023.106847
28. Alam, M.M., **Murshed, M.**, Ozturk, I., & Khudoykulov, K. (2024). Macroeconomic determinants of non-renewable and renewable energy consumption in India: the roles of international trade, innovative technologies, financial globalization, carbon emissions, financial development, and urbanization. **Energy**, 308, 132939. https://doi.org/10.1016/j.energy.2024.132939
29. A Shu, Y., Hossain, M.R., Tillaguango, B., Alvarado, R., Işık, C., **Murshed, M.**, & Chen, Z. (2024). Geo-political risks, uncertainty, financial development, renewable energy, and carbon intensity: Empirical evidence from countries at high geo-political risks. **Applied Energy**, 376, 124321. https://doi.org/10.1016/j.apenergy.2024.124321
30. **Murshed, M.** & Rahman, A.K.M.A. (2024). The importance of settling geopolitical disputes in neutralizing the carbon curse of natural resources: Evidence from South and Southeast Asia. **Mineral Economics.** https://doi.org/10.1007/s13563-024-00465-8.
31. Chen, Y., **Murshed, M.,** Sinha, A., Alam, M.M., & Khudoyqulov, K. (2024). Revisiting the resource curse hypothesis from the viewpoint of green growth: the role of Fintech as the de-cursing agent. **Resources Policy,** 95, 105153. https://doi.org/10.1016/j.resourpol.2024.105153
32. Tillaguango, B., Hossain, M.R., Cuesta, L., Ahmad, M., Alvarado, R., **Murshed, M.**, Rehman, A., & Isik, C. (2024). Impact of oil price, economic globalization, and inflation on economic output: Evidence from Latin American oil-producing countries using the quantile-on-quantile approach. **Energy**, 302, 131786. https://doi.org/10.1016/j.energy.2024.131786
33. **Murshed, M.**, Ozturk, I., Sinha, A., & Alam, M.M. (2024). Achieving environmental sustainability through renewable energy transition in the Next Eleven countries: the importance of setting sound democratic governance. **Economic Change and Restructuring**, 57(2), 31. https://doi.org/10.1007/s10644-024-09595-z
34. Qiao, X., **Murshed, M.**, Alam, M.M., Das, N., Khudoykulov, K., & Tariq, S. (2024). An empirical appraisal of the non-linear nexus between foreign remittance receipts and carbon emission intensities. **Gondwana Research**, 126, 355-369. https://doi.org/10.1016/j.gr.2023.09.020
35. Li, Z., Wang, C., Shi, P., **Murshed, M.**, & Ali, S. (2024). Bio-innovation for environmental sustainability: Asymmetric nexus between bioenergy technology budgets and ecological footprint. **Global Change Biology Bioenergy**, 16(6), e13144. https://doi.org/10.1111/gcbb.13144
36. Saqib, N., Abbas, S., Ozturk, I., **Murshed, M.**, Tarczyńska-Łuniewska, M., Alam, M.M., & Tarczyński, W. (2024). Leveraging Environmental ICT for Carbon Neutrality: Analyzing the Impact of Financial Development, Renewable Energy and Human Capital in Top Polluting Economies. **Gondwana Research**, 126, 305-320. https://doi.org/10.1016/j.gr.2023.09.014
37. Tariq, S., Nisa, A., ul-Haq, Z., Mariam, A., **Murshed, M.**, Sulaymon, I.D., Salam, M.A., & Mehmood, U. (2024). Classification of aerosols using particle linear depolarization ratio (PLDR) over seven urban locations of Asia. **Chemosphere**. 350, 141119. https://doi.org/10.1016/j.chemosphere.2024.141119
38. Deng, Q.S., Cuesta, L., Alvarado, R., **Murshed, M.**, Tillaguango, B., Isik, C., & Rehman, A. (2024). Nexus between government stability and environmental pollution. **Journal of Cleaner Production**, 434, 140061. https://doi.org/10.1016/j.jclepro.2023.140061
39. Manigandan, P., Alam, M.S., **Murshed, M.**, Ozturk, I., Altuntas, S., & Alam, M.M. (2024). Promoting sustainable economic growth through natural resources management, green innovations, environmental policy deployment, and financial development: fresh evidence from India. **Resources Policy**, 104681. https://doi.org/10.1016/j.resourpol.2024.104681

40. Khan, M.N., Shahbaz, M., **Murshed, M.**, Khan, S., & Hosen, M. (2024). Do Foreign Direct Investment influence carbon emission-related environmental problems? Contextual evidence from developing countries across Sub-Saharan Africa. **Environmental Science and Pollution Research**. https://doi.org/10.1007/s11356-024-32276-3
41. Fakher, H.A. & **Murshed, M.** (2024). Does financial and economic expansion allow for environmental sustainability? Fresh insights from a new composite index and PSTR analysis. **Journal of Environmental Planning and Management**, 62(12), 2885-2908. https://doi.org/10.1080/09640568.2023.2205997
42. Alvarado, R., Tillaguango, B., Toledo, E., **Murshed, M.**, & Işık, C. (2024). Links between technological innovation, financial efficiency and environmental quality using quantile regressions: The role of foreign direct investment, institutional quality and natural resources. **Journal of Open Innovaiton: Technology, Market, and Complexity**, 10(3), 100360. https://doi.org/10.1016/j.joitmc.2024.100360
43. Yang, S., Jahanger, A., Zhang, S., & **Murshed, M.** (2024). Analyzing Regional Disparities and Spatial Distribution Dynamics of Energy Consumption Levels in China. **Energy & Environment**. https://doi.org/10.1177/0958305X241232779
44. Cetin, M., Ozturk, I., Sarigul, S.S., **Murshed, M.**, & Kilavuz, E. (2024). Nexus between Technological Innovation and Environmental Pollution in selected OECD countries. **Natural Resources Forum**. https://doi.org/10.1111/1477-8947.12458
45. Xu, R., **Murshed, M.**, & Li, W. (2024). Does Political (de)stabilization Drive Clean Energy Transition? **Politická Ekonomie**, 7(2). https://doi.org/10.18267/j.polek.1438
46. **Murshed, M.** & Ozturk, I. (2023). Rethinking energy poverty reduction through improving electricity accessibility: a regional analysis on selected African nations. **Energy**, 267, 126547. https://doi.org/10.1016/j.energy.2022.126547
47. Lei, L., Ozturk, I., **Murshed, M.**, Abrorov, S., Alvarado, R., & Mahmood, H. (2023). Environmental innovations, energy innovations, governance, and environmental sustainability: evidence from South and Southeast Asian countries. **Resources Policy**, 82, 103556. https://doi.org/10.1016/j.resourpol.2023.103556
48. Shi, C., **Murshed, M.**, Alam, M.M., Ghardallou, W., Balsalobre-Lorente, D., & Khudoykulov, K. (2023). Can minimizing risk exposures help in inhibiting carbon footprints? The environmental repercussions of international trade and clean energy. **Journal of Environmental Management**, 347, 119195. https://doi.org/10.1016/j.jenvman.2023.119195
49. Yan, C., **Murshed, M.**, Ozturk, I., Siddik, A.B., Ghardallou, W., & Khudoykulov, K. (2023). Decarbonization blueprints for developing countries: The role of energy productivity, renewable energy, and financial development in environmental improvement. **Resources Policy**, 83, 103674. https://doi.org/10.1016/j.resourpol.2023.103674
50. Balsalobre-Lorente, D., Shahbaz, M., **Murshed, M.**, & Nuta. (2023). Environmental Impact of Globalization: the case of Central and Eastern European emerging economies. **Journal of Environmental Management**, 341, 118018. https://doi.org/10.1016/j.jenvman.2023.118018
51. Gao, J., **Murshed, M.**, Ghardallou, W., Siddik, A.B., Ali, H., & Khudoykulov, K. (2023). Juxtaposing the environmental consequences of different environment-related technological innovations: the significance of establishing good democratic governance. **Gondwana Research**. https://doi.org/10.1016/j.gr.2023.05.017
52. Yasin, I., Aslam, A., Siddik, A.B., Abbass, K., & **Murshed, M.** (2023). Offshoring the scarring causes and effects of environmental challenges faced by the advanced world: an empirical evidence. **Environmental Science and Pollution Research**, 30(32), 79335-79345. https://doi.org/10.1007/s11356-023-27918-x
53. Alvarado, R., **Murshed, M.**, Cifuentes-Faura, J., Isik, C., Hossain, M.R., & Tillaguango, B. (2023). Nexuses between rent of natural resources, economic complexity, and technological innovation: the roles of GDP, human capital and civil liberties. **Resources Policy**, 85(A), 103637. https://doi.org/10.1016/j.resourpol.2023.103637
54. Yang, J-S., Huang, H., Sanyal, S., Khan, S., Alam, M.M., & **Murshed, M.** (2023). Heterogeneous effects of energy productivity improvement on consumption-based carbon footprints in developed and developing countries: the relevance of improving institutional quality. **Gondwana Research**, 124, 61-76. https://doi.org/10.1016/j.gr.2023.06.013
55. Ma, Q., Khan, Z., Chen, F., **Murshed, M.**, Siqun, Y., & Kirikkaleli, D. (2023). Revisiting the nexus between House Pricing and Money Demand: Wavelet Coherence Based Approach. **The Quarterly Review of Economics and Finance**, 87:26-274. https://doi.org/10.1016/j.qref.2021.03.001
56. Saqib, N., Mahmood, H., **Murshed, M.**, Duran, I.A., Douissa, I.B. (2023). Harnessing Digital Solutions for Sustainable Development: A Quantile-Based Framework for Designing an SDG Framework for Green Transition. **Environmental Science and Pollution Research**, 30(51), 110851-110868. https://doi.org/10.1007/s11356-023-30066-x
57. Gao, Y., **Murshed, M.**, Ozturk, I., Saqib, N., Siddik, A.B., & Alam, M.M. (2023). Can financing technological development programs mitigate mineral resource consumption-related environmental problems faced by Sub-Saharan African nations? **Resources Policy**, 87, 104343. https://doi.org/10.1016/j.resourpol.2023.104343

58. Yang, Q., Alam, N., Alam, M.M., Khudoykulov, K., Khan, S., & Murhsed, M. (2023). An empirical examination of the environmental sustainability-influencing mechanisms of renewable energy: Contextual evidence from Next Eleven countries. **Environmental Science and Pollution Research**, 30(59), 124245-124262. https://doi.org/10.1007/s11356-023-30947-1
59. Zhou, T., Haque, A., Alam, M.M., **Murshed, M.**, Khudoykulov, K., & Haseeb, M. (2023). Does higher energy efficiency growth homogeneously affect carbon emission growth rate across developing Sub-Saharan African nations? The importance of utilizing clean energy. **Environmental Science and Pollution Research**, 30(59), 123237-123258. https://doi.org/10.1007/s11356-023-30857-2
60. Cuesta, L., Alvarado, R., Ahmad, M., **Murshed, M.**, Rehman, A., & Isik, C. (2023). Institutional quality, oil price, and environmental degradation in MENA countries moderated by economic complexity and shadow economy. **Environmental Science and Pollution Research**, 30(48), 105793-105807. https://doi.org/10.1007/s11356-023-29758-1
61. Rahman, A.K.M.A., Galiano, J.C., **Murshed, M.**, Balsalobre-Lorente, D., Mahmood, H., & Hossain, M.E. (2023). Reinvigorating the environmental Kuznets curve hypothesis in the context of highly polluted nations: evidence using advanced panel estimation techniques. **Environmental Science and Pollution Research**, 30(46), 103212-103224. https://doi.org/10.1007/s11356-023-29237-7
62. Balsalobre-Lorente, D., Sinha, A., & **Murshed, M.** (2023). Russia-Ukraine conflict sentiments and energy market returns in G7 countries: Discovering the unexplored dynamics. Energy Economics, 125, 106847. https://doi.org/10.1016/j.eneco.2023.106847
63. Vásquez, A., Alvarado, R., Tillaguango, B., Isik, C., & **Murshed, M.** (2023). Impact of social and institutional indicators on the homicide rate in Ecuador: an analysis using advanced time series techniques. **Social Indicators Research**, 169(1), 1-22. https://doi.org/10.1007/s11205-023-03150-5
64. Hao, Y., Li, X., & **Murshed, M.** (2023). Role of environmental regulation and renewable energy technology innovation in carbon neutrality: A sustainable investigation from China. **Energy Strategy Reviews**, 48, 10114. https://doi.org/10.1016/j.esr.2023.101114
65. Li, Y-M., Khan, K., Farooque, A.A., & **Murshed, M.** (2023). Diffusion of technology and renewable energy in the G10 countries: A panel threshold analysis. **Energy Strategy Reviews**, 49, 10115. https://doi.org/10.1016/j.esr.2023.101115
66. Alam, M.S., Duraisamy, P., Siddik, A.B., **Murshed, M.**, Mahmood, H., Palanisamy, M., & Kirikkaleli, D. (2023). The impacts of globalization, renewable energy, and agriculture on CO2 emissions in India: Contextual evidence using a novel composite carbon emission-related atmospheric quality index. **Gondwana Research**, 119(C), 384-401. https://doi.org/10.1016/j.gr.2023.04.005
67. Chen, X., Rahaman, M.A., **Murshed, M.**, Mahmood, H., & Hossain, M.A. (2023). Causality analysis of the impacts of petroleum use, economic growth, and technological innovation on carbon emissions in Bangladesh. **Energy**, 267, 126565. https://doi.org/10.1016/j.energy.2022.126565
68. **Murshed, M.**, Ahmed, R., Al-Tal, R.M., Kumpamool, C., Vetchagool, W., & Alvarado, R. (2023). Determinants of financial inclusion in South Asia: The moderating and mediating roles of internal conflict settlement. **Research in International Business and Finance**, 64, 101880. https://doi.org/10.1016/j.ribaf.2023.101880
69. Li, Z., **Murshed, M.**, & Yan, P. (2023). Driving force analysis and prediction of ecological footprint in urban agglomeration based on extended STIRPAT model and shared socioeconomic pathways (SSPs). **Journal of Cleaner Production**, 383, 135424. https://doi.org/10.1016/j.jclepro.2022.135424
70. He, X., Khan, S., Ozturk, I., & **Murshed, M.** (2023). The role of renewable energy investment in tackling climate change concerns: Environmental policies for achieving SDG-13. **Sustainable Development**, 31(3), 1888-1901. https://doi.org/10.1002/sd.2491
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172. Yasin, I., Naseem, S., Anwar, M.A., Madani, G.R., Mahmood, H. & **Murshed, M.** (2022). An analysis of the environmental impacts of ethnic diversity, financial development, economic growth, urbanization, and energy consumption: fresh evidence from less-developed countries. **Environmental Science and Pollution Research**, 29(52), 79306-79319. https://doi.org/10.1007/s11356-022-21295-7
173. Abbass, K., Qasim, M.Z., Song, H.M., **Murshed, M.**, & Mahmood, H. (2022). A review of the global climate change impacts, adaptation, and sustainable mitigation measures. **Environmental Science and Pollution Research**, 29(28), 42539-42559. https://doi.org/10.1007/s11356-022-19718-6
174. Hussain, A., Memon, J.A., **Murshed, M.**, Alam, M.S., Mehmood, U., Alam, M.N., Rahman, M., & Hayat, U. (2022). A time-series forecasting analysis of overall and sector-based natural gas demand: a developing South Asian economy case. **Environmental Science and Pollution Research**, 29(47), 71676-71687. https://doi.org/10.1007/s11356-022-20861-3
175. Xin, L., Ahmad, M., & **Murshed, M.** (2022). Towards next-generation green solar cells and environmental sustainability: Impact of innovation in photovoltaic energy generation, distribution, or transmission-related technologies on environmental sustainability in the United States. **Environmental Science and Pollution Research**, 29(59), 89662-89680. https://doi.org/10.1007/s11356-022-21953-w

International Book Chapters

1. **Murshed, M.** (2018). **Electricity Conservation Opportunities within the Private University Campuses in Bangladesh: A Cost-Benefit Analysis**. In Ahire, K.D. et al. (Eds.), Scenario of Environmental Research and Development (pp. 125-141). India: International Journal of Multidisciplinary innovative Research. **ISBN: 978-93-5346-498-1**
2. **Murshed, M.** (2018). **Trade Liberalization and Renewable Energy Transition in South Asia: A Panel Data Approach.** In Ahire, K.D. et al. (Eds.), Scenario of Environmental Research and Development (pp. 22-51). India: International Journal of Multidisciplinary innovative Research. **ISBN: 978-93-5346-498-1**
3. Amin, S. B. and **Murshed, M.** (2016). **Economies of Cross-Border Electricity Trading in Bangladesh.** In Khasru, M. (Ed.) Prospects and Challenges of Connectivity and Trading in Power and Energy: A Regional and International Perspective (pp. 119-128). Dhaka: The Institute for Policy, Advocacy and Governance (IPAG). **ISBN 978-98-4341-300-0.**

Working Papers

1. Sen, B., Ali, Z., & **Murshed, M.** (2020). **Poverty in the Time of Corona: Trends, Drivers, Vulnerability and Policy Responses in Bangladesh.** *Background paper for the 8th Five Year Plan of the Government of the People's Republic of Bangladesh.*
2. **Murshed, M.** (2018). **Trade Liberalization and Renewable Energy Consumption in South Asia: A Panel Data Approach.** *United States Association for Energy Economics (USAEE) Working Paper No.: 18-371*
3. Amin, S.B., **Murshed, M.,** & Jannat, F.T. (2017). **How Can Bangladesh Prepare for the New Era of Global Energy Transition?** *United States Association for Energy Economics (USAEE) Working Paper No.: 17-316.*

Newspaper articles/ Opinions-Editorials

1. Published an article on "Energy Conservation within Buildings" in The Daily Independent, Thursday, 10th January, 2019.
2. Published an article (with Seemran Rashid) on "The Irrationality of Voting Behavior in Bangladesh." Available at Centre for Policy Dialogue's Blog: https://cpd.org.bd/the-irrationality-of-voting-behavior-in-bangladesh/
3. Published an article on "Evaluation of Healthcare Development in Bangladesh." Available at South Asian Network on Economic Modeling's (SANEM) Blog: https://sanemcore.wordpress.com/2018/11/09/evaluation-of-healthcare-development-in-bangladesh/
4. Published an article on "Mega-regional Trade Agreements and Bangladesh" in The Financial Express, Wednesday, 7th February, 2018.
5. Published an article on "International Trade Patterns and Impacts" in The Daily Independent, Tuesday, 30th January, 2018.
6. Published an article on "Off-setting Effects of Climate Change" in The New Nation, Sunday, 22nd October, 2017.
7. Published an article on "Climate Change: Challenges Bangladesh faces" in The Financial Express, Saturday, 21st October, 2017.
8. Published an article on "Evaluation of Healthcare Development in Bangladesh" in The Daily Sun, Saturday, 21st October, 2017.
9. Published an article (with S. B. Amin) on "Imported LNG-An option to curb Energy Deficit" in The Financial Express, Thursday, 13th April, 2017
10. Published an article (with S. B. Amin) on "LNG Augmentation in Bangladesh's National Energy Framework for achieving Sustainable Development Goals" in The Daily Sun, Thursday, 13th April, 2017.
11. Published an article on "LNG Market Development in Bangladesh" in The Daily Asian Age, Saturday, 8th April, 2017.
12. Published an article on "Prospects of LPG in Energy Sector" in The Daily Asian Age, Friday, 31st March, 2017.
13. Published an article on "LNG Market Development in Bangladesh", in The Daily Independent, Thursday, 30th March, 2017.
14. Published an article on "Smart Solution to Curb Electricity Crisis", in The Daily Independent, Friday, 24th March, 2017.
15. Published an article (with S. B. Amin) on "Smart Gridding of Electricity Sector in Bangladesh", in The Daily Sun, Monday, 20th March, 2017.

16. Published an article (with S. B. Amin) on "Adopting appropriate technology in energy sector", in The Daily New Nation, Wednesday, 15th March (part 1) and Thursday, 16th March (part 2), 2017.
17. Published an article (with S. B. Amin) on "Smart Grid Technology for ensuring Electricity Sufficiency" in The Financial Express, Sunday, 12th March, 2017.
18. Published an article (with S. B. Amin) on "Smart Grid System to curb Electricity crisis in Bangladesh" in The Daily Asian Age, Saturday, 11th March, 2017.
19. Published an article on "Multidimensional Role of Energy in the Bangladesh Economy" in The Daily Asian Age, Monday, 6th March, 2017.
20. Published an article on "Energy Sufficiency key to achieving SDGs" in The Financial Express, Sunday, 5th March, 2017.
21. Published an article on "Energy Needs and it multi-dimensional Effects in the Economy" in The Daily Independent, Saturday, 4th March, 2017.
22. Published an article (with S. B. Amin) on "Natural Gas: The Flip Sides of Price Increase" in The Daily New Age, Friday, 03rd March, 2017.
23. Published an article (with S. B. Amin) on "The Flip Sides of Natural Gas Price Adjustments" in The Daily Sun, Thursday, 02nd March, 2017.
24. Published an article (with S. B. Amin) on "The Pros and Cons of Natural Gas Price Hike" in The Daily Asian Age, Thursday, 02nd March, 2017.
25. Published an article (with S. B. Amin) on "Natural gas: Correcting price distortions" in The Financial Express, Wednesday, 01st March, 2017.
26. Published an article (with S. B. Amin and F. T. Jannat) on "Importance of Skills Development in the Energy Sector" in The Daily Star, Thursday, 23rd February, 2017.
27. Published an article (with S. B. Amin) on "Power Sector Reform: Transition from Non-renewable to Renewable Energy," in The Daily Asian Age, Monday, 20th February, 2017.
28. Published an article (with S. B. Amin) on "Bangladesh's Energy Options," in The Daily Star, Saturday, 18th February, 2017.
29. Published an article (with S. B. Amin and S. Rahman) on "Economies of Rural Tourism," in The Daily Financial Express, Saturday, 18th February, 2017.
30. Published an article (with S. B. Amin) on "Facing New Era of Global Energy Transition" in The Daily Sun, Saturday, 18th February, 2017.
31. Published an article (with S. B. Amin and M. H. Chadni) on "Prepaid Metering as a tool for Power Sector Development" in The Daily Asian Age, Thursday, 16th February, 2017.
32. Published an article (with S. B. Amin and F. T. Jannat) on "Importance of Skill Development in Energy Sector" in The Daily New Nation, Tuesday, 14th February, 2017.
33. Published an article (with S.B. Amin and M.H. Chadni) on "Significance of Prepaid Metering System in Bangladesh Energy Sector" in The Daily Sun, Saturday, 11th February, 2017.
34. Published an article (with S.B. Amin and M.H. Chadni) on "Prepaid metering helps curb power theft" in The Daily Financial Express, Saturday, 11th February, 2017.
35. Published an article (with S.B. Amin and S. Rahman) on "Rural Tourism and Rural Development Nexus in Bangladesh Economy" in The Daily Asian Age, Thursday, 9th February, 2017.
36. Published an article (with S.B. Amin and S. Rahman) on "The Role of Rural Tourism in Bangladesh Economy" in The Daily Sun, Wednesday, 8th February, 2017.
37. Published an article (with S. B. Amin and F. T. Jannat) on "Can Skill Development minimise Energy Deficit in Bangladesh Economy?" in The Daily Independent, Saturday, 4th February, 2017.
38. Published an article (with S.B. Amin) on "Liquefied Gaseous Energy Market: An uptrend of Economy" in The Daily Asian Age, Friday, 3rd February, 2017.
39. Published an article (with S. B. Amin and F. T. Jannat) on "Can Skills Development minimise Energy Deficit?" in The Daily New Age, Thursday, 2nd February, 2017.
40. Published an article (with S. B. Amin and F. T. Jannat) on "Skill Development for Enhancing Energy Supply in Bangladesh," in The Daily Asian Age, Monday, 30th January, 2017.
41. Published an article (with S. B. Amin and F. T. Jannat) on "Pivotal Role of Skill Development in Enhancing Energy Availability," in The Daily Sun, Sunday, 29th January, 2017.
42. Published an article (with S. B. Amin and F. T. Jannat) on "Dynamics of Good Governance in Resolving Energy Crisis in Bangladesh," in The Daily Independent, Saturday, 28th January, 2017.

43. Published an article on "Is Energy Subsidy helping to achieve Energy Security?" in The Daily New Nation, Friday, 27th January, 2017.
44. Published an article (with S. B. Amin and F. T. Jannat) on "Can Good Governance help in Energy Sufficiency in Bangladesh?" in The Daily Asian Age, Thursday, 26th January, 2017.
45. Published an article on "Is Energy-Subsidization fostering Energy Crisis in Bangladesh?" in The Energy News BD (www.energynewsbd.com), Monday, 23rd January, 2017.
46. Published an article (with S. B. Amin) on "Adoption of Liquefied Gas in Economy: LNG and LPG Market Development" in The Daily Independent, Saturday, 21st January, 2017.
47. Published an article (with S. B. Amin) on "Liquefied Gas Market Development and Fuel Diversification" in The Daily Sun, Friday, 20th January, 2017.
48. Published an article (with S. B. Amin) on "Energy Security: Transition to LNG and LPG" in The Financial Express, Thursday, 19th January, 2017.
49. Published an article on "Does Energy Subsidy complement Energy Security?" in The Daily Sun, Wednesday, 18th January, 2017.
50. Published an article (with S. B. Amin and F. T. Jannat) on "Is Good Governance in line with Energy Crisis Mitigation?" in The Daily Sun, Saturday, 14th January, 2017.
51. Published an article on "Is Energy Subsidy helping to achieve Energy Security?" in The Daily Independent, Friday, 13th January, 2017.
52. Published an article on "Energy Subsidy: Its Effectiveness" in The Daily Asian Age, Thursday, 12th January, 2017.
53. Published an article (with S. F. Rahman) on "The Economic Effects of Air Pollution" in The Daily Independent, Saturday, 24th December, 2016.
54. Published an article (with S. F. Rahman) on "Economic Implications of Air Pollution" in The Daily Sun, Friday, 23rd December, 2016.
55. Published an article (with S. F. Rahman) on "The Economic Effects of Air Pollution" in The Asian Age, Wednesday, 21st December, 2016.
56. Published an article on "Mass Media Dynamics- the Ideal Way Forward" in The Asian Age, Saturday, 17th December, 2016.
57. Published an article on "Energy Options to Achieve SDGs" in The Asian Age, Saturday, 3rd December, 2016.
58. Published an article on "Energy: The lifeline of an Economy" in The Energy News BD (www. energynewsbd.com), Saturday, 3rd December, 2016.
59. Published an article on "Energy: Means to achieve SDGs" in The Daily Sun, Wednesday, 30th November, 2016.
60. Published an article (with S. B. Amin) on "Energy Security in Bangladesh: Bioenergy as a Renewable Energy Source," in The Daily New Age, Friday, 18th November, 2016.
61. Published an article on "Pros and Cons of Mass Media" in The Daily Independent, Wednesday, 16th November, 2016.
62. Published an article (with S. B. Amin) on "Bioenergy as a Renewable Energy source to ensure Energy Security in Bangladesh" in The Energy News BD (www.energynewsbd.com), Sunday, 13th November, 2016.
63. Published an article (with S. B. Amin) on "Bio-Energy: The Hope that is after Gas," in The Financial Express, Saturday, 12th November, 2016.
64. Published an article (with S. B. Amin) on "Bioenergy for Ensuring Energy Security," in The Daily Sun, Wednesday, 9th November, 2016.
65. Published an article (with S. B. Amin) on "Regional Electricity Trade for Bangladesh," in The Daily Sun, Saturday, 22nd October, 2016.
66. Published an article (with S. B. Amin) on "Cross-Border Electricity Trading ensuring Energy Security in Bangladesh," in The Energy News BD (www. energynewsbd.com), Thursday, 20th October, 2016.
67. Published an article (with S. B. Amin) on "Energy Security: The Potential of Cross-Border Electricity Trading," in The Financial Express, Thursday, 20th October, 2016.

Conference Participations and Paper Presentations

1. **Annual BIDS Conference on Development (ABCD) at the Lakeshore Hotel, Dhaka, Bangladesh (December 7-10, 2024), organized by the Bangladesh Institute of Development Studies (BIDS)** (*participated as presenter of a research paper*).
2. **EUMMAS A2S Conference: Global, Social, Technological Development, and Sustainability, organized by Skyline University College, United Arab Emirates (February 21-23, 2023)** (*participated as presenter of two research papers*).

3. 4th SANEM Annual Economists' Conference (SAEC) 2019 at the BRAC Centre Inn, Dhaka, Bangladesh (February 16-18, 2019), organized by the South Asian Network for Economic Modelling (SANEM) (*participated as presenter of a research paper*).
4. 5th International Conference on Social Sciences (ICOSS) 2018 in Colombo, Sri Lanka (September 20-21, 2018), organized by the International Institute of Knowledge Management (TIIKM) (*participated as presenter of a research paper*).
5. 3rd International Conference on Sustainable Development (ICSD) 2018, at University of Liberal Arts (ULAB), Bangladesh (October 20-21, 2018), organized Organized by the Centre for Sustainable Development (CSD), University of Liberal Arts Bangladesh (ULAB), Dhaka, Bangladesh (*participated as presenter of a research paper*).
6. 3rd International Conference on Business and Economics (ICBE) 2018, at Dhaka University, Bangladesh (October 09-10, 2018), organized by the Faculty of Business Studies (FBS), Dhaka University (*participated as presenter of a research paper*).
7. International Conference on Renewable Energy (ICREN) 2018 in Barcelona, Spain (April 25-27, 2018) (*participated as presenter of a research paper*).
8. 3rd SANEM Annual Economists' Conference (SAEC) 2018 at the BRAC Centre Inn, Dhaka, Bangladesh (February 16-18, 2018), organized by the South Asian Network for Economic Modelling (SANEM) (*participated as presenter of a research paper*).
9. 2nd International Conference on Sustainable Development (ICSD) 2018 at United International University (UIU), Dhaka, Bangladesh (February 15-17, 2018) (*participated as presenter of a research paper*).
10. 25th European Biomass Conference and Exhibition (EUBCE) 2017 in Stockholm, Sweden (June 12-15, 2017), organized by the European Union (EU) (*participated as poster presenter of a research paper*).
11. 2nd HAEE Energy Conference 2017 at Athens, Greece (May 18-20, 2017), organized by International Agency for Energy Economics (IAEE) (*participated as presenter of two research papers*).
12. International Conference on Sustainable Development (ICSD) 2017 at United International University (UIU), Dhaka, Bangladesh (February 16-18, 2017) (*participated as presenter of two research papers*).
13. International Conference on Business and Economics (ICBE) 2016, at Dhaka University, Bangladesh (October 25-26, 2016), organized by the Faculty of Business Studies (FBS), Dhaka University (*participated as presenter of two research papers*).
14. International Conference of Bankers and Academics (ICBA) 2016, at Bangladesh Institute of Bank Management (BIBM), Dhaka, Bangladesh (September 25-26, 2016), jointly organized by Australian Academy of Business and Social Science (AABSS) and Bangladesh Institute of Bank Management (BIBM) in association with Tennessee State University (TSU) (*participated as presenter of a research paper*).

Seminar and Workshop Participations

1. Participated (and performed as a discussant) in the Regional Workshop on External Vulnerabilities in South Asia 2019, organized by the World Bank at the State Bank of Sri Lanka, Colombo, Sri Lanka (February 28-March 1, 2019).
2. Attended a Workshop on Experiments in Development Economics 2018, organized by Bangladesh Institute of Development Studies (BIDS) at BIDS Office, Dhaka (December 18, 2018)
3. Attended BIDS Research Alamnac 2018, organized by Bangladesh Institute of Development Studies (BIDS) at Lakeshore Hotel, Dhaka (November 11-12, 2018).
4. Attended National Seminar on Bangladesh's Graduation from LDCs Group: Opportunities and Challenges, at North South University, Dhaka, Bangladesh (July 25, 2018). **Keynote Speaker:** Professor Mustafizur Rahman, Distinguished Fellow, Centre for Policy Dialogue (CPD).
5. Attended a Workshop on "Research Proposal Writing on Social Sciences" organized jointly by Bangladesh Institute of Democracy and Development (BiDD) and Bangladesh Centre for Political Studies (BCPS) at Bangladesh Asiatic Society Auditorium, Dhaka, Bangladesh (May 11, 2018).
6. Attended a Workshop on "Competition for Economic Growth and Fair Price" collaboratively organized by the South Asian Network for Economic Modelling (SANEM) and the British Council at CIRDAP Auditorium, Dhaka, Bangladesh (February 5, 2018). **Keynote Presentation** by Dr. Selim Raihan (Executive Director, SANEM).
7. Attended BIDS Critical Conversations, 2017 themed on Bangladesh Journey: Accelerating Transformation, organized by Bangladesh Institute of Development Studies (BIDS) at Lakeshore Hotel, Dhaka (April 23-24, 2017).
8. Attended National Seminar on Middle Income Bangladesh by 2021, at North South University, Dhaka, Bangladesh (February 27, 2017). **Keynote Speaker**: Dr. Zahid Hussain (Lead Economist, World Bank).

9. Attended National Seminar on **Growth and Productivity across Countries**, at North South University, Dhaka, Bangladesh (January 10, 2017). **Keynote Speaker:** Dr. Nazrul Islam, Senior Economic Affairs Officer, The United Nations Department of Economic and Social Affairs.
10. Attended **National Seminar on International Best Practices in Power & Energy Sector: Lessons for South Asia & Bangladesh,** at Radisson Hotel, Dhaka, Bangladesh (December 10, 2016).
11. Attended **National Seminar on Smart Grids, Digital Bangladesh & Internet of Things: Power & Energy Week 2016**, at International Convention City Bangladesh (ICCB), Dhaka, Bangladesh (December 8, 2016).
12. Attended **National Seminar on Sustainable Development Goals: Challenges of Implementation in Bangladesh 2016,** at North South University, Dhaka, Bangladesh (November 23, 2016).
13. Attended **International Seminar on Strategic Leadership for Sustainable Economic Development 2016,** at Bangladesh University of Professionals, Dhaka, Bangladesh (November 16-17, 2016).

REFERENCES

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