

LAHORE SCHOOL OF ECONOMICS

RESEARCH 2025-2026

DEPARTMENT OF ENVIROMENTAL SCIENCE AND POLICY

RESEARCH OUTPUT

CATEGORY	2025 (Actual)	2026 (On-going)
HEC W Category Journal Articles	4	7
HEC X Category Journal Articles	3	-
HEC Y Category Journal Articles	2	4
ABDC/ABS/ MLA Journal Articles	-	-
Books	-	-
Book Chapters	-	-
National Conference Papers	-	2
International Conference Papers	-	1
Case Studies	-	-
Lahore School Working Papers / International Working Papers	-	-
Artistic productions (catalogued)	-	-
MS Research Projects Supervised	-	-
MPhil Theses supervised (Completed)	2	-
MPhil Theses supervised (On-going)	7	8
PhD Theses supervised (Completed)	-	-
PhD Theses supervised (On-going)	-	-

RESEARCH PUBLICATIONS (ACTUAL & ON-GOING)

Actual 2025 (Author/s, Title of Publication, Journal, Year)

HEC W Category Journal Articles

1. Khan, M., & Chaudhry, M. N. (2025). Gaps in impact assessment teaching and research in Pakistan. *Impact Assessment and Project Appraisal*, 1-8.
2. Khan, M., & Chaudhry, M. N. (2025). The future of Impact assessment in Pakistan: reflections from two decades of practice, teaching and research. *Impact Assessment and Project Appraisal*, 1-4. W-category.
3. Naseer, R., & Chaudhary, M. N. (2025). Assessing forest fire likelihood and identification of fire risk zones using maximum entropy-based model in Khyber Pakhtunkhwa, Pakistan. *Environmental Monitoring and Assessment*, 197(3), 281. W-category
4. Rana, M. A., Hassan, F., Tamime, R., Khan, P., Bazmi, A. A., Yasin, M., ... & Khan, A. L. (2025). Rational design of sustainable thin-film composite membranes: Computational and experimental investigation of deep eutectic solvents as a green alternative to hexane for enhanced desalination performance. *Results in Chemistry*, 102580.

HEC X Category Journal Articles

1. Butt, M. A., Ahmad, S. R., Chaudhary, M. N., Zaheer, M., Nazir, R., Zia-ur-rehman, M., & Hussain, N. (2025). Environment Friendly Synthesis of Novel Schiff Base-Derived Nano Metal Complexes Using Green Solvents for Enhanced Biological Activity. *Polish Journal of Environmental Studies*, 34(3). X-category
2. Jillani, H., Chaudhry, M. N., Jafri, S. R., & Zahid, H. (2025). The Impact of Social Media on Knowledge, Attitude and Practices (KAP) towards Sustainable Consumption in Higher Education Institutions. *Cleaner and Responsible Consumption*, 100284. X-category
3. Tariq, M., & Chaudhry, M. N. (2025). Challenges influencing the occupational health and safety of Pakistani migrant workers in the construction sector: A qualitative study in KSA, Dubai, and Oman. *Journal of Population Therapeutics and Clinical Pharmacology*.31(8), 3435. X-category

HEC Y Category Journal Articles

1. Arshad, S. H., Jillani, H., Imran, S., Chaudhry, M. N., & Saif, S. (2025). Evaluation of occupational health and process risk assessment of industrial waste incinerator. *Safety in Extreme Environments*, 7(3), 15.
2. Naseer, R., Imran, S., Ikram, A., Chaudhary, M. N., & Saif, S. (2025). Occupational health and safety risk assessment of a tobacco manufacturing industry. *Pakistan Journal of Humanities and Social Sciences*, 13(01), 415-425.

MPhil Theses supervised (Completed)

1. Supervisor: **Chaudhary, M. N.** Waheed, J. "Evaluation of Occupational Health Protocols in the Construction Sector of Islamabad."
2. Supervisor: **Chaudhary, M. N.** Fatima, D. "Quantification of Heavy Metals, Steroids, And Their Health Risk Assessment in Locally Marketed Face Wash of Pakistan."

MPhil Theses supervised (On-going)

1. Supervisor: **Chaudhary, M. N.** Tayyab, M. “A Comprehensive GIS Framework for Quantifying Urban Heat Island Effects and Pollutant Load in Faisalabad.”
2. Supervisor: **Chaudhary, M. N. & Khan, M.** Khalid, A. “Potential of Recharging the Lahore’s Aquifers from Rainwater.”
3. Supervisor: **Chaudhary, M. N.** Saif, K. “An Integrated Geospatial Study of Land Surface Temperature, Demography, Landscape Features for Sustainable Urban Planning in Pakistan.”
4. Supervisor: **Chaudhary, M. N.** Shujait, M. “Health and Regulatory Assessment of Hydroquinone, Mercury and Steroids in Skin-Lightening Creams Marketed in Pakistan”
5. Supervisor: **Imran, S.** Zobair, S. Assessing the Impact of Indoor Environmental Quality and Ergonomic Hazards on Employees’ health and job satisfaction; A Comparative Analysis of Two Office Buildings in Lahore.
6. Supervisor: **Khan, M. & Chaudhry, M. N.** Sakhawat, S. “Spatial-temporal Variability of Urban Heat Island (UHI) and Air Pollutants Using Satellite Data in Lahore, Pakistan.”
7. Supervisor: **Khan, M. & Chaudhry, M. N.** Habiba, O. “Assessment of Regional and Cross-Boundary Transport of Carbon Monoxide Across Pakistan Using Sentinel-5P TROPOMI Data.”

Actual/On-going 2026 (Author/s, Title of Publication, Journal, Year)

HEC W Category Journal Articles

1. Chaudhary, M. N. & Khan, M. Barriers to institutionalization of Strategic Environmental Assessment in Pakistan, Impact Assessment and Project Appraisal (under review)
2. Chaudhary, M. N. & Khan, M. Information Disorder in Impact Assessment Teaching and Research in Pakistan (on going)
3. Chaudhary, M. N. & Khan, M. Simplification of Environmental Impact Assessment in Pakistan: Progress, Challenges, and the Way Forward, Impact Assessment and Project Appraisal (under review)
4. Khan, M. & Thakur, U. J. Disruption without Direction? ChatGPT and the changing landscape of Impact Assessment Education- Evidence from Pakistan (on going)
5. Naseer, R., Chaudhry, M. N. & Jafri, S. R. Psychological Drivers of Plastic-Use Reduction: The Role of Policy Compliance and Behavioral Spillover. (On going)
6. Naseer, R., Chaudhry, M. N., Jillani, H. & Jafri, S. R. Conserving Ecosystem Services: An Extended Value-Belief-Norm Theory Approach to Understand Behavioral Intentions. (Working paper)

HEC Y Category Journal Articles

1. Imran, S. A Comparative Multi-Parameter Environmental Assessment of Industrial and Hospital Waste Incineration Systems in a Developing Country Context.
2. Imran, S. Association between Dietary Patterns and Cardiovascular Risk; A systematic Review and Meta-Analysis.
3. Imran, S. Identification and risk assessment of Ergonomics hazards; a comparative analysis of two office buildings in Lahore.

4. Rasheed, A. & Chaudhry M. N. et al. (2026) Modeling Climate Suitability for *Triticum aestivum* L. (Common Wheat) in Pakistan Using the MaxEnt Approach, *Engineering, Technology & Applied Science Research* Vol. 16, No. 2, 2026, 34559-34565 (Published)

National Conference Papers

1. Khan, M. Mitigating Air Pollution in Punjab's Transport Sector: Constraints and Opportunities, Eighteenth Annual Conference on the Management of Pakistan's Economy, Lahore School of Economics
2. Nadir, R. & Ghazanfar, M. et al, Initial findings on food transition related to agrarian change in parts of Pakistan and its public health co-relation.

International Conference Papers

1. Khan, M. Effect of misinformation and disinformation on Impact Assessment teaching and research in Pakistan, accepted for the International Association for Impact Assessment conference to be held at Quebec Canada, May 2026.

MPhil Theses supervised (On-going)

1. Supervisor: **Chaudhary, M. N.** Tayyab, M. "A Comprehensive GIS Framework for Quantifying Urban Heat Island Effects and Pollutant Load in Faisalabad."
2. Supervisor: **Chaudhary, M. N. & Khan, M.** Khalid, A. "Potential of Recharging the Lahore's Aquifers from Rainwater."
3. Supervisor: **Chaudhary, M. N.** Saif, K. "An Integrated Geospatial Study of Land Surface Temperature, Demography, Landscape Features for Sustainable Urban Planning in Pakistan."
4. Supervisor: **Chaudhary, M. N.** Shujait, M. "Health and Regulatory Assessment of Hydroquinone, Mercury and Steroids in Skin-Lightening Creams Marketed in Pakistan"
5. Supervisor: **Imran, S.** Zobair, S. Assessing the Impact of Indoor Environmental Quality and Ergonomic Hazards on Employees' health and job satisfaction; A Comparative Analysis of Two Office Buildings in Lahore.
6. Supervisor: **Khan, M. & Chaudhry, M. N.** Sakhawat, S. "Spatial-temporal Variability of Urban Heat Island (UHI) and Air Pollutants Using Satellite Data in Lahore, Pakistan."
7. Supervisor: **Khan, M. & Chaudhry, M. N.** Habiba, O. "Assessment of Regional and Cross-Boundary Transport of Carbon Monoxide Across Pakistan Using Sentinel-5P TROPOMI Data."
8. Supervisor: **Ghazanfar, M. & Nadir, R.** Ghauri, Z. 'Food and health transition in select neighborhoods of Lahore - an environmental perspective.'