

Resume
of
Professor Dr. Md. Mizanoor Rahman-2



Name : Dr. Md. Mizanoor Rahman-2

Father's Name : Md. Abdul Quddus

Date & Place of Birth : 1st January 1973, Rajshahi, Bangladesh

Nationality : Bangladeshi

National ID No : 5534755243

Religion : Islam

Permanent Address : Village- Api Para, P.O.-Darusha, Thana- Paba, Rajshahi

Present Address : Holding No-322, Padma Residential Area, P.O.- Padma Residential Area, Rajshahi-6207, Bangladesh

Present Position & Contract Details : Professor, Department of Geography and Environmental Studies, University of Rajshahi, Rajshahi-6205, Bangladesh.
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Academic Records : **PhD**, 2016 (Specialization- Climate change, environmental disaster and environmental pollution), Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh.
MS in Regional and Rural Development Planning, 2009, Asian Institute of Technology (AIT), Thailand.
M. Phil. in Geography and Environmental Studies, 2003, University of Rajshahi, Rajshahi, Bangladesh.
M. Sc. in Geography and Environmental Studies, 1995, University of Rajshahi, Rajshahi, Bangladesh.

Job Experience	<p>: Professor</p> <p>Department of Geography and Environmental Studies, University of Rajshahi, since November, 2016.</p> <p>Overall more than 22 years teaching, research and administrative experiences.</p>
Project Operation	<p>: Project Manager, <i>Higher Education Quality Enhancement Project (HEQEP)</i>, Department of Geography and Environmental Studies, University of Rajshahi. The project has been financed by the World Bank and implemented by the University Grant Commission of Bangladesh with help of the Ministry of Finance.</p> <p>Principal Investigator, <i>Particulate Air Pollution and Health Impact in Rajshahi City, Bangladesh-A Spatio-Temporal Analysis</i>, Department of Geography and Environmental Studies, University of Rajshahi. The project has been financed by the University Grant Commission of Bangladesh.</p> <p>Consultant, <i>South Asia Environmental Capacity Building, Land Based Water Pollution- Agriculture and Water Pollution</i>. In collaboration and funded by CARITUS Bangladesh, DHAN Foundation India, LI-BARD Nepal and ARTHACHARYA Foundation Sri Lanka.</p> <p>Principal Investigator, <i>Socio-economic tools development to mitigate ocean acidification impacts on reliant economics and communities in coastal Bangladesh</i>, In collaboration with National Oceanographic And Maritime Institute (NOAMI), Funded by Ministry of Science and Technology.</p> <p>Principal Investigator, <i>Assessing Relationship of Climatic Variables with Increasing Lightening Casualties Trend in Bangladesh</i>, Department of Geography and Environmental Studies, University of Rajshahi. The project has been financed by the University Grant Commission of Bangladesh (ongoing).</p> <p>Principal Investigator, <i>Assessment and monitoring of climate change-induced drought and its impact on the farmers' socio-economic status using remote sensing and GIS in north-western, Bangladesh</i>, Funded by Ministry of Science and Technology (ongoing).</p>
Position Hold	<p>: Student Advisor University of Rajshahi (April 2016 to August 2017)</p> <p>House Tutor Shahid Ziaur Rahman Hall, University of Rajshahi (2009 to 2012)</p>
Organizing Secretary of International Conference	<p>: 1st International Conference on Geosciences for Achieving Sustainable Goals (ICGSDG) 2025, Held on 14-15 November, 2025, Organized by Faculty of Geosciences, University of Rajshahi, Bangladesh.</p> <p>International Conference on Environment and Development, Held on 07-08 March 2014, Organized by Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh, Conference was supported by Higher Education Quality Enhancement Project and funded by World Bank.</p>

Publication in the : **Articles**

National &
International Journals

Mahmud, H., Shobnom, K., Ali, M.R., Muntakim, N., Kulsum, U., Baroi, D.S, Ahmed, Z., Rahman, M.M., and Hasan, M.Z, 2024, Micro-environmental dynamics of particulate (PM2.5 and PM10) air pollution in Rajshahi City: a spatiotemporal analysis, *Management of Environmental Quality: An International Journal*, Vol. 35, Issue 8
<https://www.emerald.com/insight/1477-7835.htm>

Mahmud, H., Shobnom, K. and Rahman, M.M., 2024, *Spatial Inequality in Socio-economic Development in Bangladesh: An Analysis, Social Indicators Research, Springer Nature*, Vol 171, <https://doi.org/10.1007/s11205-023-03293-5>

Rumana, M.S., Kulsum, U., Ali, M.R., Mahmud, H., Baroi, D.S., Muntakim, N., Ahmed, Z., **Rahman, M.M.**, and Hassan, M.Z. 2023, *Assessing flood risk, intensity, recurrence trend, and indigenous coping strategies of the Teesta riverine people of Bangladesh*, (Edited), Chatterjee, U., Shaw, R., Bhunia, G.S., Setiawati, M.D. and Banerjee, S., 2023, *Climate Change, Community Response, and Resilience- Insight for Socio-Ecological Sustainability*, Elsevier, <https://doi.org/10.1016/B978-0-443-18707-0.00002-3>.

Rahman, M. M., Hossain, M.A., Ali, M.R., Ahmed, Z. and Islam, A.H.M.H, 2022, *Assessing vulnerability and adaptation strategy of the cyclone affected coastal area of Bangladesh*, *Geoenvironmental disaster, Springer open*, Vol. 9, No. 6, <https://doi.org/10.1186/s40677-022-00209-2>.

Rahman, M.M., Mahmud H., Ali, M.R., Rahman, S.M.Z., Mollah, M.A.B. and Coasta, S.G, 2021, *Assessment of heavy metal soil pollution in the agricultural land of North Western Bangladesh*, (Edited), Bhunia, J.S, Chatterjee, U. Kashyap, A. and Shit, P. K., 2021, *Land Reclamation and Restoration Strategies for Sustainable Development-Geospatial Technology Based Approach*, Elsevier.

Kulsum, U., Mahmud, H., and **Rahman, M.M.**, 2021, *Analysis of Spatio-temporal Variation of Lightning Casualties in Bangladesh*, (Edited), Islam, Md. Nazrul, van Amstel, Andre (2021) *Bangladesh II: Climate Change Impacts, Mitigation and Adaptation in Developing Countries*, ISBN 978-3-030-71948-7, Springer open, <https://www.springer.com/gp/book/9783030719487>

Ali, M. R., Ahmed, Z., Islam, A.H.M.H. and **Rahman, M. M**, 2021, “*River Bank Erosion, Induced Population Migration and Adaptation Strategies in the Sirajganj Sadar Upazila, Bangladesh*”, *European Journal of Environment and Earth Sciences*, Vol. 2, No. 2, DOI <https://doi.org/10.24018/ejgeo.2021.2.2.131>

- Kulsum, U. and **Rahman M M.**, 2021, “Analysis of Environmental and Economic Benefits and Possibilities of Rooftop Gardening in Rajshahi City, Bangladesh”, *Journal of Life and Earth Science*, Vol. 14: 75-86
- Mahmud, H. and **Rahman, M.M.**, 2020, “Spatial Analysis of the Concentrations of Selected Gaseous Pollutants in Ambient Air of Rajshahi City”, *Oriental Geographer*, Vol. 61, No. 1&2.
- Rahman, M.M.**, 2019, “Virtuous and weakness of the environment Conservation Act (ECA), 1995 and Bangladesh Water Act, 2013”, 2019, (Edited) Wahid ANM, **Rahman, MM** and Ahmed MGU, *Policy Briefing on Land and Water Pollution, South Asia Environmental Capacity Building: Agriculture and Water Pollution Project*.
- Latif, M. A. and **Rahman, M. M.**, 2018, “Socio-economic Impact and Copping with Riverbank Erosion: A Case Study of Kazipur Upazila, Bangladesh”, *Rajshahi University Journal of Environmental Science*, Vol-6.
- Rahman, M. M.**, 2018, “Climate Change Induced Extreme Cyclone and Land Use/ Land Cover (LULC) Changes in Southern Region of Bangladesh, *International Journal of Engineering Research and Science & Technology*, Volume, 7, No. 1.
- Ahmed, Z. and **Rahman, M. M.**, 2017, “Production of Mango (*Mangifera Indica L*) in Shibgonj Upazila of Chapai Bawabgonj District: An Economic Analysis”, *Journal of Life and Earth Science*, Volume 11.
- Ahmed, Z. and **Rahman, M. M.**, 2015, “Impact of Drought on Environment and Health in Northwest Region of Bangladesh: A Geographical Analysis”, *The Journal of Geo-Environment*, Department of Geography and Environmental Studies, University of Rajshahi, Vol. 11
- Ahmed, Z. and **Rahman, M. M.**, 2014, “Assessment of Production Potentials and Constrains of Mango (*Mangnifera Indica L.*) Cultivation: A case Study on Shibgonj Upazila of Chapai Nawabgonj District.” *Journal of Life and Earth Science*, Faculty of Life and Earth Sciences, University of Rajshahi, Bangladesh, Vol. 9.
- Rumana, S. and **Rahman, M. M.**, 2013, “ Role of Micro-credit Programme to the Socio-economic Development: A case study of Mithapukur Upazila, *The Journal of Geo-Environment*, Department of Geography and Environmental Studies, Rajshahi University, Vol. 10.
- Halim, M. A., **Rahman, M. M.** and Hasan, M. Z., 2013, “Agricultural Land Conversion in the Sub-Urban Area- A case study of Rajshahi Metropoliton

City.” *Journal of Life and Earth Science*, Faculty of Life and Earth Sciences, University of Rajshahi, Bangladesh, Vol. 8.

Rahman, M. M., 2011, "Land Use Change in Peri-Urban Areas of Rajshahi City, *Journal of the Institute of Bangladesh Studies*, Rajshahi University, Vol. 33

Rahman, M. M., 2011, "Rural-Urban Disparity in Bangladesh: Need Integrated Planning for Balanced Development"(in Bengali), *Palli Unnayan*, Bangladesh Rural Development Academy, Comilla, Vol. 13.

Rahman, M. M., 2011, "Role of Modern Inputs in Agricultural Changes of Durgapur Thana: An Analysis", *The Journal of Geo-Environment*, Department of Geography and Environmental Studies, Rajshahi University, Vol. 9.

Rahman, M. M., 2011, "Factors of Economic Transformation in Sub-urban Areas of Rajshahi City, Bangladesh", *Journal of Life and Earth Science*, Faculty of Life and Earth Sciences, Rajshahi University, Vol. 5

Rahman, M. M., 2007, “Some Aspects of Astronomy”, *Suborno Joyonti Sarak Songkolon-2007*, Department of Geography and Environmental Studies, Rajshahi University, Vol. 4.

Rahman, M. M. and Moral, J. B., 2006, “Perception on Agricultural Inputs and Environmental Degradation”, *The Journal of Geo-Environment*, Department of Geography and Environmental Studies, Rajshahi University, Vol. 4.

Mahamud, M., **Rahman, M. M.** and Hassan, M. Z., 2005, “Solid Waste Pollution in Rajshahi City- An Analysis”, *The Journal of Geo-Environment*, Department of Geography and Environmental Studies, Rajshahi University, Vol. 5.

Rahman, M. M., 2004, “Surface Water Quality in Rajshahi City”, *The Journal of Geo-Environment*, Department of Geography and Environmental Studies, Rajshahi University, Vol. 4.

Rahman. M. M. and Hassan, M. Z., 2004, “Dust Pollution of the Rajshahi City: A Geographical Study”, *Bhugol Patrika*, Department of Geography and Environment, University of Jahangirnagar, no. 23.

Books

Rahman. M. M. and Routray J. K., 2012, *Peri-Urban Economic Transformation of Bangladesh (Issues and Challenges of Peri-Urban Economic Transformation)*, *Lap Lambert Academic Publishing, Germany.*

Rumana, S. and **Rahman. M. M.**, 2012, *Poverty and Micro-Credit Activities of Northern Bangladesh: An Economic Analysis in the Perspective of Micro-Credit*, Lap Lambert Academic Publishing, Germany.

Sharmin, S. and **Rahman, M. M.**, 2012, *Challenges of Urban Population Growth- A Cause Effect Analysis of Urban Population Change in Bangladesh*, Lap Lambert Academic Publishing, Germany

Research Supervision : **PhD**

Experience

Rumana, S, 2019. “Impact of Flood on Livelihood and Its Adaptation Strategy on Teesta Flood Prone Area in Rangpur District.”, Institute of Environmental Science, University of Rajshahi (Awarded).

Ahmed, Z., “Impacts of Marine Litter and Plastic Pollution on Coastal Environment in Bangladesh” Institute of Environmental Science, University of Rajshahi (Ongoing).

Nasrin, M.T., “Assessing Potential climate Change Impact on the Marginalized People as the Effect of Anomalies in Climatic Variability in the North Western Part of Bangladesh” (Ongoing).

M. Phil.

Mahamud, H, 2021. Micro-Environmental Dynamics of Particulate (PM2.5 And PM10) Air Pollution in Rajshahi City: A Spatiotemporal Analysis” (Awarded).

Sultana, M. M., 2016. “Tropical Cyclone Aila and its Environmental Impact on Coastal Region of Bangladesh, Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh (Awarded).

Halim, M. A., “Social Impact of Drought- A case study of north-western region of Bangladesh. Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh (Ongoing).

Muntakim, N., “Assessing the Spatial Distribution of Heatwave Vulnerability and Evaluating Urban Resilience in a Climate Change Scenario: A Case Study of Northwestern Bangladesh” (Ongoing)

M.S

Moral, M. H., “Monitoring Land Use Land Cover Dynamics and Assessing Health Status in Sundarbans Mangrove Forest, Bangladesh: A Remote Sensing based Geostatistical Analysis” (Ongoing).

Tulon, M. N. H., “Assessing Vulnerability and Adaptation Dynamics of the Cyclone Affected Coastal Area of Bangladesh” (Ongoing).

Ali, M. S., 2021. "Assessing Heatwave Patterns Due to Land Cover Changes Impact on Land Surface Temperature: A Comparative Study Between Rural and Urban Area in Bangladesh", Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh (Awarded).

Baroi, D. S., 2020. "Salinity Intrusion: Challenges and Adaptation Measures for Coastal Community in Bangladesh", Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh (Awarded).

Muntakim, N., 2019. "An Assessment on Water and Soil Pollution Due to Industrial Effluents Discharge of Rajshahi City", Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh (Awarded).

Kulsum, U, 2018. "Lightning Casualties: A Study on Risk and Public Preparedness in Bangladesh" Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh (Awarded).

Boby, F, 2017. "Technological Changes in Agriculture: A Socio-economic and Environmental Impact Assessment of Santhia Upazila, Pabna", Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh" (Awarded).

Islam, R, 2016. "Earthquake Risk and Preparedness of Rajshahi City" Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh (Awarded).

Mahamud, H, 2016. "Spatial Disparity in Socio-economic Development Pattern of Rajshahi Division: A Geographic Analysis", Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh (Awarded).

Akter, R., 2016. "Role Of Information and Communication Technology in Agricultural Development and Rural Economic Growth", Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh (Awarded).

Sarker, S. M., 2014. "Women's Economic Empowerment through Microcredit: A Geo-economic Analysis." Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh (Awarded).

Mahtaz, S., 2013. "River Bank Erosion and Channel Migration: A spatio-temporal analysis of Padma- Jamuna rivers in Bangladesh using satellite remote sensing and GIS," Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh (Awarded).

Ferdos, F., 2013. "Enumeration Urban Water Bodies Using Very High-Resolution Satellite Image (GeoEye)- A study of Rajshahi City," Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh (Awarded).

Mimi, M. J., 2012. "Environmental Pollution Induced Human Health Impact: Consequences of Rapid Urbanization", Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh (Awarded).

Ahmed, Z., 2012. "Production and Marketing of Mango in Shibgonj Upazila of Chapai Nawabgonj District: A Geographical Analysis", Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh (Awarded).

Halim, A., 2012. "Agricultural Land Conversion in the Sub-urban Area: A case study of Rajshahi Metropolitan City", Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh (Awarded).

Rumana, S, 2010. "Does Micro-credit Help Poverty Eradication? - An evidence from Monga Region of Bangladesh", Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh (Awarded).

Sharmin, S., 2010. "Change in Population Composition of Rajshahi City: Causes and Consequences", Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh (Awarded).

Sultana, M., 2010. "Rural Out-migration and its impact on the Economy of Rural Bangladesh", Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh (Awarded).

Latif, M. A., 2010. "Impact of Riverbank Erosion on Livelihood Change: A case study Kazipur Upazila, Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh (Awarded).

Editorial Experience : **One of the members of Editorial Board of *The Journal of Life and Earth Sciences*, 2024, Published by the Faculty of Biological Sciences, University of Rajshahi, Bangladesh.**

One of the members of Editorial Advisory Board of *The Journal of Life and Earth Sciences*, Vol. 1, 2023, Published by the Faculty of Life and Earth Sciences, Begum Rokeya University, Rangpur, Bangladesh.

One of the members of Editorial Board of *The Journal of Geo-Environment*, Vol. 14-17, 2020, Published by the Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh.

One of the Editors of *Policy Briefing on Land and Water Pollution Report*, Published under **South Asia Environmental Capacity Building: Agriculture and Water Pollution Project**. The project was implemented by Caritas Bangladesh, Arthacharya Foundation Sri Lanka, Li-BIRD Nepal and DHAN foundation India.

One of the members of Editorial Board of *The Journal of Geo-Environment*, Vol. 11, 2014, Published by the Department of Geography and Environmental Studies, University of Rajshahi, Bangladesh

Attained in Workshop,
Conference, Additional
Courses and Training
Programmes

Participated as a Session Chair, 1st International Student Conference and Research Fair 2025, **Organized by the Rajshahi University Research Society (RURS), Bangladesh.**

Participated as a Session Chair, International Conference on Oceanography ICO 2024, **Organized by Bangladesh Oceanographic Research Institute, Cox's Bazar, Bangladesh.**

Participated as a paper presenter, International Conference on Oceanography ICO 2024, **Organized by Bangladesh Oceanographic Research Institute, Cox's Bazar, Bangladesh.**

Participated as a paper presenter, Annual Conference, Mediterranean Geosciences Union, 2023, **Organized by Istanbul Technical University, Turkey.**

Participated as Project Consultant, Training of Trainers (ToT) on Management of Agriculture, Livestock and Forest base Water Pollution under South Asia Capacity Building- Agriculture and Water Pollution, held on August 28-30, 2019, **Pokhara, Nepal.**

As Session Chair, 29th Biennial Conference of North East India Geographical Society (NEIGS) cum XI International Geographical Union (IGU) Commission Seminar, 2018 on Environment and Sustainable Livelihood, **Organized by International Geographical Union and Department of Geography, B Borooah College, Guwahati, Assam, India.**

Participated as paper presenter, 29th Biennial Conference of North East India Geographical Society (NEIGS) cum XI International Geographical Union (IGU) Commission Seminar, 2018 on Environment and Sustainable Livelihood, **Organized by International Geographical Union and Department of Geography, B Borooah College, Guwahati, Assam, India.**

Participated as paper presenter, International conference on Environment and Development, 2014, **organized by Department of Geography and**

Environmental Studies, University of Rajshahi, supported by Higher Education Quality Enhancement Project (HEQEP), UGC, Bangladesh

As participant, Training programme on Statistical Application in Geography and Environmental Research, 2013, organized by Department of Geography and Environmental Studies, University of Rajshahi, supported by Higher Education Quality Enhancement Project (HEQEP), UGC, Bangladesh

As participant, Workshop on GIS and Remote Sensing in Environment, Resources and Development, 2013, organized by Department of Geography and Environmental Studies, University of Rajshahi, supported by Higher Education Quality Enhancement Project (HEQEP), UGC, Bangladesh

As participant, Training course on RTK GPS and Total Station Surveying Techniques at Rural Development Academy (RDA), Bogra, 2013, organized by Department of Geography and Environmental Studies, University of Rajshahi, supported by Higher Education Quality Enhancement Project (HEQEP), UGC, Bangladesh

As participant, Teaching Learning Workshop on Innovative Teaching Methodology, Learning Strategies and Didactics at the University of Rajshahi, 2013, organized by University of Education Freiburg, Germany and University of Rajshahi, Bangladesh.

As participant, Short course on Geographic Information System and Remote Sensing: Technique and Application, 2013, organized by Department of Geography and Environmental Studies, University of Rajshahi, supported by Higher Education Quality Enhancement Project (HEQEP), UGC, Bangladesh

Participated as competitor, Master Thesis Competition in Development, organized by Asian Institute of Technology (AIT), Thailand

As participant, TOT course on Comprehensive Disaster Management Programme, 2009, organized by Bangladesh Academy for Rural Development, Supported by CDMP

As participant, Audited course on Selected topics: Disaster Management and Humanitarian Assistance, 2007, organized by Asian Institute of Technology (AIT), Thailand

As participant, Summer Workshop on Climatology and Meteorology, 1999, organized by Department of Geography and Environmental Studies, University of Rajshahi. Bangladesh.

Professional and other :	Life Member Rajshahi University Alumni Association
Organizational	
Membership	Life Member Bangladesh National Geographical Association (BNGA) Life Member Rajshahi University Geography and Environmental Studies Alumni Association (RUGESAA) Life Member Asian Institute of Technology Alumni Association (AITAA) Life Member Bangladesh National Oceanographic and Maritime Institute (NOAMI)
Additional Responsibilities :	Secretary , from 2023 to till now, Rajshahi University Geography and Environmental Studies Alumni Association (RUGESAA), University of Rajshahi. Secretary (in charge) , from 2022 to 2023, Rajshahi University Geography and Environmental Studies Alumni Association (RUGESAA), University of Rajshahi. Member of Academic Council (Elected) , from 2010 to 2012, Rajshahi University. Member of Academic Council , from 2016 to till now, Rajshahi University. Member of Advisory Committee , SAZON (Blood Donation Group), University of Rajshahi



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