

C.V. of **Dr. Monoj Kumar Majumder**

Dr. Monoj Kumar Majumder

Associate Professor and Chairman

Department of Agricultural Economics

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Educational Qualifications

- Ph.D. in Economics, University of Tasmania, Australia, 26 June 2020.
Ph.D. thesis title “**Essays on Commodity Prices, Commodity abundance and the Macroeconomy**”.
- M.S. in Agricultural Economics, Bangladesh Agricultural University, Mymensingh, Bangladesh, December 2010 with Grade- “A” (GPA 3.76 out of 4.00) and secured 2nd position.
M.S. thesis title “**Impact of low lift pump (LLP) in crop diversification in some selected areas of Bangladesh**”.
- B.Sc. in Agricultural Economics, Bangladesh Agricultural University, Bangladesh, March 2009 with “A” grade (GPA 3.79 out of 4.00) and Secured 3rd position.

Expertise

I have expertise especially on the following areas:

- Agricultural economics;
- Environmental economics;
- Energy economics;
- Climate-smart agriculture techniques;
- Very good in STATA, R and Eviews software. Basic of Python software

Professional Experiences

- Working as the **Chairman** in the Department of Agricultural Economics, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh since 18th March 2023 to till date.
- Working as **Associate Professor** in the Department of Agricultural Economics, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh since 26th June 2020 to till date. In this position my main job responsibilities are to conduct courses on both undergraduate and postgraduate levels and doing research.
- Working as a **Livestock Economist** (agribusiness expert) in The Food and Agriculture Organization of the United Nations (FAO) under the project UTF/BGD/07S/BGD from October 2021 to September 2024 on the part time basis.
- Worked as **Assistant Professor** in the Department of Agricultural Economics, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh since 4th December 2013 to 25th June 2020.
- Worked as a ‘**lecturer**’ in the Department of Agricultural Economics, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh from 4th December 2011 to 3rd December 2013.
- Worked as a “**Research Assistant**” in the “Stress tolerance rice variety in Africa and South Asia” (STRASA) project from January 2009 to December 2010. Main responsibility was data collection and report writing.

Research and training experience

1. Attended 15 days long SANDEE Summer school on Environment and resource economics from 29th April to 13th May 2024 in Thailand. In this training session, they provided hands-on training on choice experiment, willingness to pay (WTP), environmental valuation methods especially contingent valuation method, hedonic pricing method, and travel cost methods along with environmental and behavioral externalities.
2. Worked on a project namely “impact of CSA technologies on the methane emission on the livestock sector of Bangladesh using IPCC Tier-2 methodology”.
3. Strengthening food safety planning and governance, food vendors capacity strengthened and public awareness in Dhaka city, Bangladesh: This project is funded by the Food and Agriculture Organization of the United Nations (FAO) and Dhaka food system (DFS). There are three components in this project such as food safety auditing, review the present laws and legislations in red meat sector, and awareness building. Among three, I have conducted first two components with other team members. As a co-investigator, my main responsibility is to develop the concepts, questionnaire preparation, conducting FDGs and KII, data analysis and report writing and presentation for auditing and review the laws and legislations. We collected data from 836 different actors involve in the meat value chain through structured questionnaires, 10 KIIs and 2 FGDs in Dhaka city. We calculate KAP (Knowledge, attitude and practices) score of all six red meat value chain actors in Dhaka city. We already submitted our report last month.
4. Feasibility Study for the Project on Diversified Resilient Agriculture for Improved Food and Nutrition Security (RAINS): This project is funded by the Food and Agriculture Organization of the United Nations (FAO). As a co-investigator my main responsibility is to develop the concepts, questionnaire preparation, conducting FDGs and KII, data analysis and report writing and presentation. This project will be implemented in 14 districts based on three climate hotspot zones such as Coastal Zone (Satkhira, Borguna, Patuakhali, Bhola, Laksmipur), Barind and Drought prone areas (Rajshahi, Chapainawabganj, Bogura, Dinajpur), and River Systems and Estuaries (Kurigram, Jamalpur, Gaibandha, Pabna, Rajbari). Among the 14 districts, we collected data from 12 upazilas of 6 districts (3 from each hotspot). We collected data from 60 farmers through a structured questionnaire, 3 KIIs and 2 FGDs each upazila.
5. Determinants of the influencing factors affecting the adoption decision of the climate-smart agriculture (CSA) technologies in the Southern part of Bangladesh. Funded by the Ministry of Science and Technology, Government of the People’s Republic of Bangladesh. As a Principal investigator, my duty was Concept development, questionnaire development, data collection, data analysis, and report writing. This study was conducted in three southern districts namely Bhola, Barisal and Patuakhali. Already completed all the works.
6. Addressing the impact of climate change on the fisheries sector of Bangladesh. Funded by the Bangladesh Agricultural research Council (BARC). As a co-investigator, my responsibility was to manage farmer groups, train them, coordinate among the stakeholders and officials. In addition, data collection monitoring and report writing. Through this project we made sanctuary in the river and beels that significantly increase fish production next season. In addition, the project provides climate smart fisheries to cope up the impact of climate change in the northern Bangladesh.
7. Climate-resilient ecosystems in wetlands and forests. This project is funded by the USAID. This study examines the role of co-management (private and public) to manage the ecosystems of Haor areas and increase the productivity. Though the project, co-management committee were formed and training the local fishermen who were directly dependent on that to maintain the fisheries. It was found that if government provides enough support to the climate vulnerable poor people, then those people will protect the ecosystem and environment that ultimately ensure sustainable development.

8. Women empowerment and child labor in Agriculture: Evidence from Bangladesh funded by the Sher-e-Bangla Agricultural University research system (SAURES). As the principal investigator, my duty was Concept development, questionnaire development, data collection, data analysis and report writing. It is found that if we can ensure the women participation in agriculture, it decrease the child labor that is one of the major problems in the developing countries like Bangladesh.

Publications

1. **Monoj Kumar Majumder**, Md. Sadique Rahman, Ripon Kumar Mondal, Mst. Shopna Akter (2024), “Climate-smart agriculture and food security in climate-vulnerable coastal areas of Bangladesh” Published in the journal of Heliyon. <https://doi.org/10.1016/j.heliyon.2024.e39885>.
2. **Monoj Kumar Majumder**, Mala Raghavan, Joaquin Vespignani (2022), “The impact of commodity price volatility on fiscal balance and the role of real interest rate” Published in the journal of Empirical Economics. <https://doi.org/10.1007/s00181-021-02168-3>.
3. Md. Sadique Rahman, **Monoj Kumar Majumder**, Md. Hayder Khan Sujon (2022), “Adoption determinants of biogas and its impact on poverty in Bangladesh” Published in the journal of Energy Report. <https://doi.org/10.1016/j.egy.2021.08.027>
4. **Monoj Kumar Majumder**, Mala Raghavan, Joaquin Vespignani (2021), “Impact of Commodity Price Volatility on External Debt: The Role of Exchange Rate Regimes” Published in the journal of Applied Economics. <https://doi.org/10.1080/00036846.2021.1947960>
5. Md. Sadique Rahman, **Monoj Kumar Majumder**, Md. Hayder Khan Sujon, Shirajum Manjira (2021), “Livelihood status of coastal shrimp farmers in Bangladesh: Comparison before and during COVID-19” Published in the journal of Aquaculture Reports. <https://doi.org/10.1016/j.aqrep.2021.100895>
6. Md. Sadique Rahman and **Monoj Kumar Majumder**, (2021) “Drivers of adoption and impacts of an eco-friendly agricultural technology in Bangladesh” Published in the journal of SN Business and Economics.
7. **Monoj Kumar Majumder**, Mala Raghavan, Joaquin Vespignani (2020), “ Oil curse, economic growth and trade openness’ published in the journal of Energy Economics, August 2020, 91(2020). <https://doi.org/10.1016/j.eneco.2020.104896>
8. Md. Sadique Rahman, Shirajum Manjira, **Monoj Kumar Majumder**, Sajia Rahman, (2020), “Socio-economic determinants of off-season summer cultivation” published in the Journal of Vegetable Science, June 2020, pp 1-8.
9. Mondal, R.K., **Majumder, M.K.** and Rayhan, S.J. (2014). “The Impact of Maternal Education on Child Health; Evidence From Bangladesh” published in the Asian Journal of Social sciences and Humanities, Volume 3, Number 4, November 2014.
10. Mazumder, S.K., Mazlan, A.G., Simon, K.D., Rahman, M.H., **Majmder, M.K.** and Basak, L.R. (2014). “Assessing the Role of Co-management in Wetland Productivity: A Case Study from Hail Haor of Northeastern Bangladesh” **published** in the Journal of Journal of Aquaculture, Aquarium, Conservation & Legislation.
11. Monwar, M.M., Mustafa, M.G., Khan, N.A., Hossain, M.S., Hossain, M.M., **Majumder, M.K.**, Chowdhury, R.M., Islam, M.A., Chowdhury, M. and Alam, M.S. (2014). “Indigenous Adaption Practice for the Development of Climate Resilient Ecosystem in The Hail Haor, Bangladesh” published in the Journal of Global Social Welfare, Springer International Publisher.
12. **Majumder, M. K.**, Saidur, M.S. and Mondal, R.K. (2013). “Profitability of low lift pump and income influencing factors of LLP owners and users in some selected areas of Bhola district” published in the journal of Food and Agricultural Economics, Volume 1, Number 1. Pp.129-140.
13. **Majumder, M.K.**, Mazumder, S.K. Hossain, M. and Basak, L. R. (2013). “Towards Climate Change Resilient of Hail Haor, Sylhet: Reviewing the Role of the Co-Management Approach”

published in the IOSR- Journal of Agriculture and Veterinary Science, Volume 5, Issue 2. Pp. 59-66.

14. **Majumder, M.K.** and Rahman, M.S. (2011). “Impact of introducing low lift pump on improving the income of farm households in some selected areas of Bhola district in Bangladesh” published in the journal of Bangladesh Agricultural University, volume 9, number 2”. Pp. 233-240.

15. Akter, R., Bashar, M.A., **Majumder, M.K.** and Shadid, S.B. (2010). “Effect of Community-Based Organization Microcredit on Livelihood Improvement” published in the journal of Bangladesh Agricultural University, volume 8, number 2. Pp. 277-282.

16. **Majumder, M.K.**, Mazumdar, L. and Roy, P.C. (2009). “Productivity and Resource Use Efficiency of Boro Rice Production” published in the journal of Bangladesh Agricultural University, volume 7, number 2. Pp.247-252.

Membership

- Economic Society of Australia
- Bangladesh Economic Association
- Bangladesh Agricultural Economics Association

MS student supervision

Completed	Ongoing (4 students)
1. Impact of different CSA technologies to climate resilient agriculture production 2. Role of women empowerment in agriculture on child labor and education. 3. Impact of dairy farming on food security and rural poverty in Bangladesh 4. Financial profitability and resource use efficiency of beef fattening in Bangladesh	1. Choice experiment for farmers preference for livestock pollution policy 2. Valuing the health risk in vegetable production using chemical pesticide: A choice experiment 3. Consumers’ willingness to pay on organic vegetable production 4. Impact of mobile application on the vegetable productivity in Bangladesh 5. Impact of property rights on the farmers productivity and crop diversification

Referees

1. Dr. Joaquin Vespignani

Associate Professor
 Tasmanian School of Business and Economics,
 University of Tasmania, Australia
 Email: joaquin.vespignani@utas.edu.au

2. Dr. Pallab Mazumder

Associate Professor
 Department of Earth & Environment
 Florida International University, USA
 Email: mozumder@fiu.edu

I hereby declare that the above statements are true and complete to the best of my knowledge.

Sincerely yours



(Monoj Kumar Majumder)

Date: 11/24/2024