

Email: m.ismail_hossain@bau.edu.bd or ismailho12@yahoo.co.in

- Affiliation: <https://am.bau.edu.bd/profile/AM1008>
 - Scopus: <https://www.scopus.com/authid/detail.uri?authorId=57212814532>
 - ORCID: <https://orcid.org/0000-0002-3213-2337>
 - Research gate: <https://www.researchgate.net/profile/Mohammad-Hossain-91>
 - Web of Science: <https://www.webofscience.com/wos/author/record/2038699>
 - Google scholar: <https://scholar.google.com/citations?hl=en&user=GGEKa6gAAAAJ>
 - LinkedIn: <https://www.linkedin.com/in/dr-mohammad-ismail-hossain-99a6111a/?originalSubdomain=gr>
-

Brief Profile

Mohammad Ismail Hossain is a Pro Vice Chancellor of Habiganj Agricultural University and a Professor of Agribusiness at the Department of Agribusiness and Marketing, Faculty of Agricultural Economics and Rural Sociology (AERS), Bangladesh Agricultural University, an Agribusiness (Value chain) Consultant and an Academic Counsellor. He holds a PhD degree in Agricultural Economics from Aristotle University of Thessaloniki, Greece, International Master of Science in Rural Development (IMRD) from the University of Gent, Belgium.

Mr Hossain had his BSc. education at Bangladesh Agricultural University where he read Agricultural Economics and graduated with a First-Class First (Honours) with **Gold Medal** and read MS in Agricultural Economics (Marketing) from the same university. Mr. Hossain was adjudged the Best Academic Student for the Faculty of Agricultural Economics and Rural Sociology during the 1995-96 academic year by the Bangladesh Agricultural University.

He has over 26 years of teaching and research experience as an agribusiness and value chain expert with over seventy five (75) peer-reviewed publications and conference papers to his credit. He teaches both undergraduate and postgraduate courses, and supervised more than 62 postgraduate students and 5 PhD students. He works as adjunct faculty member in Interdisciplinary Institute of Food Security (IIFS), and Institute of Agribusiness Development Studies (IADS). He also serves as part term teacher in Master in Sustainable Agriculture and Rural Livelihood (MSARL) at Bangladesh Open University. Mr. Hossain served as Head, Department of Agribusiness and Marketing, and House Tutor at Banghabundhu Sheikh Mujibur Rahman Hall.

He has research interests in fields of Agribusiness, Climate smart agriculture, Market linkage, Market development and Economics of Rural Development. Currently, he engages in carrying out research on issues relating to agribusiness, e-commerce, value chain, market linkage, M4P (market for the poor), M4C (market for the charland), IMD (inclusive market development) and supply chain particularly price asymmetric, mergers, and acquisitions, technology strategies, non-price competition, etc. for market structure, and public policies and regulations, food safety and climate change). His ongoing research works also include issues relating to market-policy-institution linkages for sustainable and inclusive development, social, economic and ecological implications of rural infrastructure development, value chain in agriculture sector, etc.

He has expertise in project proposal development and completed project evaluation of NATP and KGF funded projects. Mr. Hossain has ability to perform project analysis of agricultural and rural development projects and has experienced in designing, planning and conducting socioeconomic surveys in rural areas of Bangladesh and Asia.

Educational Qualifications

Doctor of Philosophy (Agricultural Economics)

Aristotle University of Thessaloniki, Greece

Year: 2013

Position: Outstanding (more than 95% marks)

Erasmus Mundus: International Master of Science in Rural Development (IMRD)

Ghent University, Belgium; Humboldt University, Berlin; Agrocampus Rennes, France & University of Cordoba, Spain

Year: 2007

Position: Distinction (more than 75% of marks)

Master of Science in Agricultural Economics (Marketing)

Bangladesh Agricultural University

Year: 1999

Position: First class First

Bachelor of Science in Agricultural Economics

Bangladesh Agricultural University

Year: 1997

Position: **First class First with Gold medal and University prize**

Higher Secondary School Certificate (HSC)

Sonagazi Government College, Feni

Year: 1991

Position: First class

Secondary School Certificate (SSC)

Sreerampur High School, Kachua, Chandpur

Year: 1989

Professional/Job Experiences

Total Year of Experience: 26+ Years

Pro Vice Chancellor

Habiganj Agricultural University
From July 28, 2026 -Present

Professor (2nd Grade)

Bangladesh Agricultural University, Mymensingh
From February 2016 - To Present

Associate Professor

Bangladesh Agricultural University, Mymensingh
From February 2012 - To January 2016

Assistant Professor

Bangladesh Agricultural University, Mymensingh
From September 2004 - To January 2012

Lecturer

Bangladesh Agricultural University, Mymensingh
From January 2003 - To September 2004

Lecturer

Sylhet Veterinary College (Sylhet Agricultural University), Sylhet
From October 2000 - To January 2003

Research Fellow

From December 01, 1999 to October 14, 2000

A Study on Farm Mechanisation and Labour Demand in Crop Production Activities in Bangladesh
Agriculture implemented by BSERT

Ordinary Research Fellow

National Science and Technology (NST) Fellowship Program
From May 15, to December 31, 1998

Additional job experience

Part time teacher (Master in Sustainable Agriculture and Rural Livelihood (MSARL)

Bangladesh Open University
From January 01, 2021 to onward

Adjunct Faculty Member

Interdisciplinary Institute of Food Security (IIFS)
Bangladesh Agricultural University, Mymensingh
From July 01, 2015 to onward

Adjunct Faculty Member

Institute of Agribusiness and Development Studies (IADS)
Bangladesh Agricultural University, Mymensingh

From July 2015 to December 31, 2017

Tutor (Master of Business Administration, MBA)

Bangladesh Open University

From January 01, 2004 to June 30, 2005

Administrative experience

Coordinator, Internship Execution Committee

Faculty of Agricultural Economics and Rural Sociology, Bangladesh Agricultural University,
Mymensingh-2202

From September 10, 2024 to date

Selection Committee Member

Bangladesh Agricultural University

From October, 2025 to September, 2026

Selection Committee Member

Bangladesh Agricultural University

From October, 2024 to September, 2025

Selection Committee Member

Sher e Bangla Agricultural University

From January, 2025 to December, 2025

Selection Committee Member

Sylhet Agricultural University

From November, 2025 to October, 2026

Expert Member, Board of Studies

Department of Agribusiness

Gazipur Agricultural University

From 2016 to Till date

Head

Department of Agribusiness and Marketing

Bangladesh Agricultural University, Mymensingh

From February 14, 2014 to February 13, 2016

Head (In Charge)

Department of Agribusiness and Marketing

Bangladesh Agricultural University, Mymensingh

From August 10, 2013 to January 09, 2014

House Tutor (Student Residential Hall)

Bangabandhu Sheikh Mujibur Rahman Hall

Bangladesh Agricultural University, Mymensingh

From January 01, 2004 to September 01, 2005

Experience record as trainer

Title: Entrepreneurship Development

Organizer: Bangladesh Small and Cottage Industries Corporation (BSCIC), Ministry of Industries, Dhaka, (June 22-26, 2026)

Title: Trade Dynamics and Strategic Interventions in Global Agricultural Markets

Organizer: Agricultural Economics and Rural Sociology (AERS) Division of Bangladesh Agricultural Research Council, Khamarbari, Farmghate, Dhaka, (05-07 April, 2026)

Title: Facilitate Office Hours on Market Analysis

Organizer: Climate Innovation Fund (CIF), an initiative jointly launched by SAJIDA Foundation and the British Asian Trust, OTOBI Center, Plot 12, Block CWS(C), Gulshan South Avenue, Gulshan 1, Dhaka 1212, (17-24 August, 2025)

Title: Global Trade Strategies for Agricultural Commodities

Organizer: Agricultural Economics and Rural Sociology (AERS) Division of Bangladesh Agricultural Research Council, Khamarbari, Farmghate, Dhaka, (04-08 May, 2025)

Title: Training of DAE officers on Mango Supply Chain Management and Communication

Organizer: Department of Agricultural Extension, Khamarbari, Farmghate, Dhaka, (19-21/05/2024)

Title: Commercial Farm Management

Organizer: National Agricultural Training Academy (NATA), Gazipur, (19-23/05/2024)

Title: Value Chain Management of Economically Important Horticultural Crops

Organizer: National Agriculture Training Academy (NATA), 26-30 November/2023 (1st, 2nd and 3rd times)

Title: Value Chain Management

Organizer: Caritas Bangladesh, 16-18 October/2023

Title: Updating Professional Knowledge and Skill for Field Forces in ACI Animal Genetics (Market promotion strategies and networking in agribusiness with particular emphasis on frozen semen trade)

Organizer: Department of Animal Breeding and Genetics, 21-22 September/2023 (2nd batch)

Title: Updating Professional Knowledge and Skill for Field Forces in ACI Animal Genetics (Market promotion strategies and networking in agribusiness with particular emphasis on frozen semen trade)

Organizer: Department of Animal Breeding and Genetics, 12-14 May/2023 (1st batch)

Title: Value Chain Management of Economically Important Horticultural Crops

Organizer: National Agriculture Training Academy (NATA), 10-14 October/2022 (2nd times)

Title: Value Chain Management of Economically Important Horticultural Crops

Organizer: National Agriculture Training Academy (NATA), 3-7 October/2021 (1st time)

Title: Farmers training of KGF projects, and other donor agencies projects (from 2014-till now)

Title: Stakeholders training of World Vision participants

Experience Record as project PI and Co-PI: 16 (Impact and Baseline Study: 09)

1. Project Name: Farmers Perception and Cultivation of Indigenous Paddy by using Ecological Farming Practices, Processing and Marketing

Year: 2025-2026 (Ongoing)

Client: Bangladesh Agricultural University Research System (BAURES)

Positions held: Principal Investigator

2. Project Name: Measuring Climate Change Impacts, Vulnerability and Adoption of Adaptation Strategies for Sustainable Crops Production in Coastal Areas of Bangladesh

Year: November/2025-October/2026 (Ongoing)

Client: Ministry of Science and Technology, Government of the People's Republic of Bangladesh

Positions held: Principal Investigator

3. Project Name: Indigenous Paddy Cultivation Extension by using Ecological Farming Practices, Processing and Marketing-Endline Evaluation

Year: 10/11/2025 to 10/12/2025 (Completed)

Client: Rural Microenterprise Transformation Project (RMTP) financed by PKSF, IFAD and Embassy of Denmark

Position held: Principal Investigator

4. Project Name: Endline Evaluation of Increasing productivity through integrated farm management in agroecological methods

Year: 10/11/2025 to 10/12/2025 (Completed)

Client: Rural Microenterprise Transformation Project (RMTP) financed by PKSF, IFAD and Embassy of Denmark

Position held: Principal Investigator

5. Project Name: Study on the Uses Impact Assessment of Agri-Machineries Provided from BRAC CCP in Kalapara, Patuakhali

Year: 28/05/2025 to 31/08/2025 (Completed)

Client: BRAC Centre, 6th Floor, 75, Mohakhali, Dhaka 1212, Bangladesh

Position held: Principal Investigator

6. Project Name: Assessment of Existing Market Linkage for Smallholder Farmers

Year: 23/12/2024 to 23/03/2025-90 Days (Completed)

Client: BRAC Centre, 6th Floor, 75, Mohakhali, Dhaka 1212, Bangladesh

Position Held: Principal Investigator

7. Project Name: Baseline Study for the "Indigenous Paddy Cultivation Extension by using Ecological Farming Practices, Processing and Marketing Sub-Project"

Year: May-June/2024 (45 days)-Completed

Client: Rural Development Sangsfha (RDS) supported by Palli Karma-Sahayak Foundation (FKSF)

Position Held: Principal Investigator

8. Project Name: Adoption of Hybrid Varieties, Farmers Willingness to Adopt and Market Potential of Offseason Watermelon: A Way Changing Coastal Livelihood of Bangladesh

Year: 2023-2024 (Completed)

Client: Bangladesh Agricultural University Research System (BAURES)

Positions held: Principal Investigator

9. Project Name: Nexus between women's empowerment in livestock index and food and nutrition security in smallholder livestock farming in Bangladesh

Year: 2022-2025 (Completed)

Client: Livestock and Dairy Development Project (LDDP) Department of Livestock Service

Positions held: Co-Principal Investigator

10. Project Name: Sustainable Market Linkage on Alternative Income Generating Activity (AIGA) for Livelihood Sustainability of Dependent Communities to Reduce their Reliance on Forest Ecosystems

Year: 2023-2024 (Completed)

Client: Sustainable Forests and Livelihoods (SUFAL) Project, Bangladesh Forest Department

Positions held: Principal Investigator

11. Project Name: Impact of Covid-19 on Vegetables Marketing in Bangladesh

Year: 2021-2022 (Completed)

Client Name: Bangladesh Agricultural University Research System (BAURES)

Position: Principal Investigator

12. Project Name: Impacts of haor agriculture on farmers' livelihood and rural markets development in Netrokona district of Bangladesh

Year: 2020-2021 (Completed)

Client Name: Bangladesh Agricultural University Research System (BAURES)

Position: Principal Investigator

13. Project Name: Postharvest losses and marketing system of pineapple-a value chain perspective

Year: 2018-2019 (Completed)

Client Name: Bangladesh Agricultural University Research System (BAURES)

Position: Principal Investigator

14. Project Name: Promoting socially inclusive and sustainable agriculture intensification in West Bengal and Bangladesh

Year: 2016-2020 (Completed)

Client Name: Australian Centre for International Agricultural Research (ACIAR)

Position: Co-investigator (Value chain)

15. Project Name: Cattle fattening and beef marketing in selected areas of Bangladesh.

Year: 2018 (Completed)

Client Name: Bangladesh Livestock Research Institute (BLRI)

Position: Co-investigator

16. Project Name: Value Chain Analysis and Marketing Performance of Indigenous Backyard Poultry Sub-Sector in the Mymensingh District of Bangladesh

Year: 2015 (Completed)

Client Name: Bangladesh Agricultural University Research System (BAURES)

Position: Principal Investigator

17. Project Name: Value Chain Analysis of Milk and Comparative Advantages of Milk Production in Bangladesh

Year: 2017 (Completed)

Client Name: Bangladesh Livestock Research Institute (BLRI)

Position: Co-investigator

18. Project Name: Marketing and Value chain analysis of Live Poultry in Savar Upazila

Year: 2015 (Completed)

Client Name: Bangladesh Livestock Research Institute (BLRI)

Position: Co-investigator

19. Project Name: Impact of Private Broiler Farming on Rural Employment and Income Generation in Kishoreganj District

Year: 2005 (Completed)

Client Name: Bangladesh Agricultural University Research System (BAURES)

Position: Principal Investigator

Short term consultant experiences: 11 (Impact and Baseline Study: 08)

1. Project Name: Feasibility Study, Technical and Financial Assessment, Business Model Development, and Investment Roadmap for Value-Added Dairy Processing in Bhola District

Year: 01/06/2026 to 30/06/2026 (On going) (30 days)

Client: Protibondhi Community Centre (PCC) / Green Dairy, **Strategic Coordination:** Transform Aid International (TAI)

Position held: Consultant (Lead)

2. Project Name: Program on Agricultural and Rural Transformation for Nutrition, Entrepreneurship and Resilience in Bangladesh (PARTNER), Package no. SD/PARTNER-PCU-DAE/11

Year: 25/01/2026 to 25/06/2026 (On going) (36 days)

Client: Shahidul Consultant Limited (Program on Agricultural and Rural Transformation for Nutrition, Entrepreneurship, and Resilience in Bangladesh (PARTNER)) under Department of Agriculture Extension (DAE)

Position held: Consultant (Economist/M&E Specialist)

3. Project Name: Analyzing Agriculture Input Market for Livestock

Year: December/2023-January/2024 (7 days)

Client: Newvision Solution Ltd./Swisscontact Bangladesh

Positions held: Short term consultant (Agro-Market Expert)

4. Project Name: Assessing adoption and diffusion of agricultural innovations in Bangladesh

Year: April/2023-September/2023 (15 days)

Client: Newvision Solution Ltd./Krishi Gobeshona Foundation (KGF)

Positions held: Short term consultant (Agricultural economists)

5. Project Name: Feasibility Study of Automated Mail Processing Centre of Bangladesh Post Office

Year: July/2022 – October/2022 (15 days)

Client: Newvision Solution Ltd./Bangladesh Post Office

Positions held: Short term consultant (Value chain expert)

6. Project Name: Survey of fish value chain in Cox's Bazar district in Bangladesh

Year: September/2020-December/2000 (30 days)

Client Name: Shushilan Bangladesh/ INTEM Consulting Inc., Japan

Position: Lead consultant (Value chain expert)

7. Project Name: Common services activities, technological and environmental interventions requirement for fruits (pineapple, mango, banana and litchi)

Year: December/2020-June/2021 (45 days)
Client Name: Palli Karma-Sshayak Foundation
Position: Consultant (Value chain expert)

8. Project Name: Postharvest management, processing and marketing of jackfruit
Year: December/2019 – December/2021 (90 days)
Client Name: Newvision Solution Ltd./Krishi Gobeshona Foundation (KGF)
Position: Lead Consultant Value Chain

9. Project Name: The Market-oriented Agriculture Promotion Project for Smallholder Horticulture Farmers through Multi-stakeholder Partnerships
Year: December/2021-April/2022 (15 days)
Client Name: Newvision Solution Ltd./JICA Bangladesh
Position: Lead Consultant (Market Development Expert)

10. Project Name: “Agribusiness Management in Bangladesh”-A reference document for the students of Agribusiness Management in Agricultural Universities in Bangladesh
Year: August/2017-December/2017 (10 days)
Client Name: Katalyst Bangladesh
Position: Consultant

11. Project name: Market analysis of pineapple production and processing in Madhupur
Year: November/2016-January/2017 (10 working days)
Client: Consiglieri Private Limited/Christian Commission for Development in Bangladesh (CCDB) Network
Position: Consultant

12. Project name: Capitalization strategy of promoting Inclusive Market Development (IMD) through Academia
Year: October/2015-August/2016 (30 working days)
Client: Consiglieri Private Limited/Katalyst Bangladesh
Position: Coordination Consultant

13. Project name: Industry needs and curriculum mapping
Year: November/2015-January/2016 (20 working days)
Client: Consiglieri Private Limited/Katalyst Bangladesh
Position: Consultant

Research Supervisor

Ph.D student supervised: 3 completed and 2 ongoing
Ph.D student co-supervised: 2 completed, 1 ongoing
MS student supervised: 48 completed, 11 ongoing
MS student co-supervised: 32 completed, 9 ongoing
MBA student supervised: Three completed
MBA student co-supervised: Seven completed, 2 ongoing

Training & Workshops Participated

- i) Successfully completed training course on **Development Project Planning, Formulation and Implementation** organized by Graduate Training Institute (GTI), BAU held in February 24-26, 2025.
 - ii) Successfully completed training on **Value Chain and Qualitative Methods of Data Analysis** organized by SIAGI in Australia held in May 09-15, 2018.
 - iii) Successfully participated in the **Inclusive Market Systems Development Workshop** organized by Swisscontact in Cambodia held in October 16-19, 2017.
 - iv) Successfully participated in the workshop on '**Ethical Community Engagement: Perspectives and Practices**' from 12-17 May, 2017 at Jalpaiguri, West Bengal, India organized by Centre for the Development of Human Initiatives (CDHI).
 - v) Successfully participated in the training on **Food and Nutrition Security** during 17-21 April, 2016 jointly organized by Interdisciplinary Centre for Food Security (ICF) and Wageningen University and Research (WUR)-Centre for Development Innovation (CDI), The Netherlands.
 - vi) Successfully attended on **Advancing Knowledge and Skills on Agricultural Education and Research** Workshop organized by 'Issues and Challenges in Sustainable Agricultural Research, Extension and Education for Bangladesh' a project funded by USAID-VEGA held in 14-15 September, 2015.
 - vii) Having completed a Course work on **Socio-Economic Development Programme** in Myjava Region organized by Slovak University of Agriculture, Nitra, Slovakia, 2006.
 - viii) Having completed a training course on **Statistical Methods for Agricultural Research** organized by, Graduate Training Institute, Bangladesh Agricultural University, Mymensingh, Bangladesh, 2004.
 - ix) Having completed a workshop on **Instructor Skills Workshop & Basic Performing** Series jointly organized by Olds College, Canada and Graduate Training Institute, Bangladesh Agricultural University, Mymensingh, Bangladesh, 2003.
 - x) Having completed a training course on **Scientific Report Writing** organized by Graduate Training Institute, Bangladesh Agricultural University, Mymensingh, Bangladesh, 2003.
-

Award Received

- i) Best Presenter Award (2026), from Bangladesh Agricultural University Research System (BAURES), Bangladesh Agricultural University, Mymensingh
- ii) Best Presenter Award (2022), from Bangladesh Agricultural University Research System (BAURES), Bangladesh Agricultural University, Mymensingh
- iii) Awarded the **State Scholarships Foundation (IKY)** scholarship for pursuing Doctoral Studies, 2010-2013.
- iv) Awarded **Erasmus Mundus Scholarship** for the two years of International Master in Rural Development (IMRD), Ghent University, Belgium, 2005-2007.
- v) Awarded **National Science and Technology (NST)** Fellowship at post graduate level from Ministry of National Science and Technology, Government of the People's Republic of Bangladesh, 1998-1999.

- vi) Awarded **Professor Shamsul Islam Memorial Gold Medal** for graduate results of the top position of all students in the Faculty of Agricultural Economics and Rural Sociology, Bangladesh Agricultural University, 2004.
 - vii) Awarded **University Prize** for securing First Position with a First Class in Bachelor's Degree, 2004.
 - viii) Awarded from **Professor M. Lutfur Rahman Memorial** Trust for securing first class first position in Bachelor's Degree, 2004.
-

Publications

Total number of citations: 901

A total of 76 research articles published at international and national journals. These are:

- (72) Hossain, M.I., E. Jahan, M.E.A. Begum (2026). Climatic and non-climatic impacts on fish production in Bangladesh by using autoregressive distributed lag model. *Discover Environment*, 4:195. <https://doi.org/10.1007/s44274-026-00619-1>
- (71) Ferdush, J., M.S. Islam, M.M. Hasan, R. Khatun, S.B. Sadrul, M.H. Rahman, M.N.H. Touhid, P.K. Sarma, **M.I. Hossain** (2026). Economics of cattle fattening focusing on profitability and marketing efficiency in selected areas of Bangladesh. *Discover Agriculture*, 4(15). <https://doi.org/10.1007/s44279-025-00321-5>
- (70) Saiyem, M.A. M.F. Begum, M.E. A. Begum, **M.I. Hossain** (2025). Business sustainability of medicinal plant production under risk in the northwest region of Bangladesh: a simulation analysis. *Plos One*, 20(10): e0333780. <https://doi.org/10.1371/journal.pone.0333780>.
- (69) **Hossain, M.I.**, M.E.A. Begum, A.B.M.M. Haque. (2025). Transmission and Volatility of Shrimp and Prawn Prices at Different Market Chains in Bangladesh. *The Bangladesh Journal of Agricultural Economics*, 44(1).
- (68) **Hossain, M.I.** M. Billah, M.S. Palash, M.E.A. Begum (2025). Onion price volatility and market integration of Bangladesh. *Journal of the Bangladesh Agricultural University*, 23(3): 387-398. <https://doi.org/10.3329/jbau.v23i3.84457>.
- (67) Mim, J.T., M.S. Hasan, E. Jahan, M.E.A. Begum, **M.I. Hossain** (2025). Determinants of consumers' willingness to pay for pesticide free brinjal and tomato from the city areas of Bangladesh. *Discover Agriculture*, 3(173): <https://doi.org/10.1007/s44279-025-00290-9>.
- (66) Sarma, P.K., **M.I. Hossain**, S. Sarowar (2025). Assessing the impact of the dairy lead farmer approach on technology dissemination and food security in Bangladesh. *Discover Agriculture*, 3(144). <https://doi.org/10.1007/s44279-025-00286-5>.
- (65) Bapon, M., M.E.A. Begum, M.S. Hoq, **M.I. Hossain** (2024). Determinants of the Factors Affecting the Governance Structure Choice of the Pineapple Value Chain: A Case Study on Market-based Agroforestry in Bangladesh. *Heliyon*, 10(20): e39209. <https://doi.org/10.1016/j.heliyon.2024.e39209>.
- (64) Bapon, M. M.E.A. Begum, M.A. Khan, S.K. Raha and **M.I. Hossain** (2024). Pineapple-based agroforestry in Bangladesh: determinants of market choice and quantity of supply decision. *Trees, Forests and People*, 100639. <https://doi.org/10.1016/j.tfp.2024.100639>
- (63) **Hossain, M.I.**, M.A. Saiyem, M.F. Begum, and M.E.A. Begum (2024). Farmers' motivational factors for medicinal plant production in the southwestern region of Bangladesh. *Discover Agriculture*, 2(39). <https://doi.org/10.1007/s44279-024-00051-0>.
- (62) Acharjee, D.C., M.S. Rahman, K. Gosh, M.R. Amin, G.M.M. Alam, **M.I. Hossain** (2023). An Analysis of fish farming profitability and marketing efficiency of selected fish species in Bangladesh.

- (61) Begum, M.E.A., M.A. Rashid, **M.I. Hossain**, M.A. Hossain, M.H. Rashid, M.K. Shahadat, M. Mainuddin (2023). Farmers' choices and factors driving adoption of climate change adaptation strategies in saline coastal areas of Bangladesh. *African Journal of Science, Technology, Innovation and Development*, <https://doi.org/10.1080/20421338.2023.2271703>.
- (60) Acharjee, D.C., G.M.M. Alam, K. Gosh, A.B.M.M. Haque, **M.I. Hossain** (2023). Factors influencing fish farmers' decision in selecting the right market outlet: an empirical evidence from Bangladesh. *Journal of Applied Aquaculture*, <https://doi.org/10.1080/10454438.2023.2299029>.
- (59) Begum, M.E.A., **M.I. Hossain**, M. Mainuddin (2023). Climate change perceptions, determinants and impact of adaptation strategies on watermelon farmers in the saline coastal areas of Bangladesh. *Letters in Spatial and Resource Sciences*, DOI: [10.1007/s12076-022-00324-6](https://doi.org/10.1007/s12076-022-00324-6)
- (58) Begum, M.E.A. M.A. Rashid, M.A. Hoque, M.A. Khan, M.I. Hossain (2023). Determinants of the Adoption of Improved Lentil Management Practices through Local Developed Bed Planter in Bangladesh. *Journal of Agricultural Science and Technology*, 25(6): 1279-1288. <http://jast.modares.ac.ir/article-23-59028-en.html>
- (57) Mankin, B., M.E.A. Begum and M.I. Hossain (2023). Market Attractiveness of Pineapple and Banana Agroforestry Systems of Madhupur Sal (*Shorea robusta*) Forest: A Sustainable Way of Generating Income and Conserving Forests. *Journal of Agriculture and Food Research*, 11: 100475 <https://doi.org/10.1016/j.jafr.2022.100475>
- (56) Acharjee, D.C., G.M.M. Alam, K. Gosh, A.B.M.M. Haque, **M.I. Hossain** (2022). Price transmission asymmetry of selected fishes in Bangladesh: An econometric and value chain analysis. *Aquaculture Economics & Management*, <https://doi.org/10.1080/13657305.2022.2163720>
- (55) Acharjee, D.C., G.M.M. Alam, K. Gosh, A.B.M.M. Haque, **M.I. Hossain** (2022). Fish value chain and the determinants of value addition decision: Empirical evidence from Bangladesh. *Journal of the World Aquaculture Society*, <https://doi.org/10.1111/jwas.12941>
- (54) Prodhan, M.M.H., M.A. Khan, M.S. Palash, **M.I. Hossain**, G. Kumar (2022). Supply chain performance of fishing industry in Bangladesh: emphasizing on information sharing and commitment. *Aquaculture Economics and Management*, <https://doi.org/10.1080/13657305.2022.2147249>.
- (53) Hoq, M.S., M.T. Uddin, S.K. Raha and **M.I. Hossain** (2022). Determinants of households' livelihood diversification strategies to adapt to natural hazards: evidence from ecologically vulnerable haor region of Bangladesh. *Natural Hazards*, <https://doi.org/10.1007/s11069-022-05514-5>.
- (52) Saiyem, M.A., S.A. Sabur, M.A. Khan and **M.I. Hossain** (2022). Profitable options of medicinal plants production under risk: understanding from Aloe vera, Bombax ceiba root and Withania somnifera cultivation in north-west region, Bangladesh. *Journal of Applied Research on Medicinal and Aromatic Plants*, 31, <https://doi.org/10.1016/j.jarmap.2022.100416>
- (51) Merritt, W.S., S.H. Hamilton, N.S. Bagchi, N. Baral, L. Cater, A. Chakraborty, S. Chakraborty, M. Cosuin, M. Das, **M.I. Hossain**, H. Jahan, P. Mishra, B. Paria, M.W. Rahman, C.H. Roth, C. Tallapragada, L.J. Williams (2022). Reflecting on an integrated approach to understanding pathways for socially inclusive agricultural intensification. *The Journal of Development Studies* <https://doi.org/10.1080/00220388.2022.2029418>.
- (50) Begum, M.E.A., M. K. Hasan, M. Khatun and M.I. Hossain (2022). Determinants and Impact of the Adoption of Bangladesh Agricultural Research Institute Developed Maize Sheller in

- Mymensingh District of Bangladesh. Journal of Bangladesh Agricultural University, 20(2): 187-196. <https://doi.org/10.5455/JBAU.141358>
- (49) Yeasmin, R., M.S. Rahman, **M.I. Hossain** (2021). Profitability comparison between boro rice and maize production in Dinajpur district. Research in Agriculture, Livestock and Fisheries, 8(1): 51-56. <https://doi.org/10.3329/ralf.v8i1.53267>
- (48) Lucky, R.Y., M.S. Rahman, **M.I. Hossain** (2021). Assessing factors for shifting farmers from boro rice to maize farming in the northern region of Bangladesh. Journal of Science and Technology, 19: 74-81.
- (47) Haque, M.M., M.S. Islam, **M.I. Hossain**, M.W. Rahman (2021). Participation of marginalized households in shrimp value chains in southern coastal Bangladesh. Asian Development Perspectives 12(2): 85-100.
- (46) Begum, M.E.A., M.A.M. Miah, M.A. Rashid, **M.I. Hossain** (2021). Impact of mechanization on technical efficiency: the case of wheat farmers in northern Bangladesh. Farm Economy XVI: 77-88.
- (45) Yasmin, S., N.E.A. Sowrove, T. Haque, **M.I. Hossain** (2021). Contributing factors for turkey consumption: an empirical analysis from Mymensingh city in Bangladesh. Agricultural Science 3(1): 1-16. <https://doi.org/10.30560/as.v3n1p15>
- (44) Hoq, M.S. M.T. Uddin, S.K. Raha and **M.I. Hossain** (2021). Welfare impact of market participation: the case of rice farmers from wetland ecosystem in Bangladesh. Environmental Challenges 5. <https://doi.org/10.1016/j.envc.2021.100292>
- (43) Acharjee, D.C. **M.I. Hossain** and G.M. Alam (2021). Post-harvest fish loss in the fish value chain and the determinants: empirical evidence from Bangladesh. Aquaculture International 29: 1711-1720. <https://doi.org/10.1007/s10499-021-00711-8>
- (42) Hoq, M.S. S.K. Raha and **M.I. Hossain** (2021). Livelihood vulnerability to flood hazard: understanding from the flood-prone haor ecosystem of Bangladesh. Environmental Management 67: 532-552. <https://doi.org/10.1007/s00267-021-01441-6>.
- (41) Saiyem, M.A., S.A. Sabur, M.A. Khan, M.F. Begum, M.M. Hassan, **M.I. Hossain** (2021). Economic safety margin of *Bombax ceiba* production in selected areas of Bangladesh. Journal of Bangladesh Agricultural University 19(3): 371-378. <https://doi.org/10.5455/JBAU.53211>
- (40) Das, O.C., M.J. Alam, **M.I. Hossain**, S. Barua (2021). Factors determining the smallholder milk production in contractual agreements: the case of north-west Bangladesh. International Journal of Sustainable Agricultural Research 8(3): 164-179. <https://doi.org/10.18488/journal.70.2021.83.1.164.179>.
- (39) **Hossain, M.I.**, T.K. Ghose, M.E.A Begum (2021). Analysis of seaweed value chain to improve coastal livelihood and blue economy of Bangladesh. International Symposium on Coastal Agriculture: Transforming Coastal Zone for Sustainable Food and Income Security 16th -19th March 2021, Organize by Indian Society of Coastal Agricultural Research (ISCAR) Canning Town, West Bengal, India,
- (38) Hoque, M.M., M.S. Islam, **M.I. Hossain** and H. Jahan (2020). Conditions for participation of marginalized households in shrimp value chains of the coastal region of Bangladesh. Aquaculture, 555, 738258. <https://doi.org/10.1016/j.aquaculture.2022.738258>
- (37) Ghose, T.K., **M.I. Hossain** (2020). Socioeconomic factors affecting profitability of seaweed culture in Saint Martin Island of Bangladesh. Progressive Agriculture 31(3): 227-234.
- (36) Haque, T., N. Tabassum, **M.I. Hossain**, N.E.A, Sowrove (2020). A study on consumer preferences towards duck meat in Mymensingh city of Bangladesh. Archives of Agriculture and Environmental Science 5(4): 511-516. <https://doi.org/10.26832/24566632.2020.0504012>

- (35) Begum, M.E.A., M.A.M. Miah, M.A. Matin, F. Easmin, **M.I. Hossain** (2020). Socioeconomic determinants of BARI mustard-14 adoption at farm level in selected areas of Bangladesh. *Journal of Bangladesh Agricultural University*, 18(1):180-188
- (34) Saiyem, M.A. S.A. Sabur, **M.I. Hossain**, M.A. Khan, M.F. Begum (2020). Profitability analysis of aloe vera (L.) production in selected areas of Bangladesh. *Research in Agriculture Livestock and Fisheries*, 7(1):75-81. DOI: <https://doi.org/10.3329/ralf.v7i1.46833>
- (33) Hossain, G.M.A., **M.I. Hossain** (2019). Value chain analysis of shrimp along governance in selected areas of Dacope upazila of Bangladesh. *Progressive Agriculture*, 30(1):65-74.
- (32) **Hossain, M.I.**, S. Afroz, M. Das, M.M. Haque, M.S. Islam, Lilly Lim Camacho (2019). Value chain analysis of sunflower in coastal areas of Amtali upazila of Barguna district. *Journal of Bangladesh Agricultural University*, 17(2): 244-250.
- (31) Begum, M.E.A., M.A.M. Miah, M.A. Rashid, M.T. Islam, **M.I. Hossain** (2019). Economic analysis of turmeric cultivation: evidence from Khagrachari district. *Bangladesh Journal of Agricultural Research*, 44(1):43-58.
- (30) Begum, M.E.A., M.A.M. Miah, M.A. Rashid, **M.I. Hossain** (2019). Factors affecting the technical efficiency of turmeric farmers in the slash and burn areas of Bangladesh. *Agroforestry Systems*, <https://doi.org/10.1007/s10457-018-0338-z>
- (28) Ashfaq, A.K.M., D.C. Acharjee, F.A. Mila, M.I. Hossain (2019). Marketing system of vermicompost in Fulbaria Upazila of Mymensingh district. *Eco-friendly Agriculture Journal* 12(07):54-59, 2019.
- (28) Rahman, M.A., M.E.A. Begum, T.P. Tiwar, **M.I. Hossain** (2018). Economics of conservation agriculture practices imposed in wheat-maize-rice cropping system in Bangladesh. *The Bangladesh Journal of Agricultural Economics*, XXXVIII(1&2): 100-115.
- (27) Begum, M.E.A., M. Miah, M.A. Rashid, M.A. Matin, **M.I. Hossain** (2018). Socioeconomic determinants of modern potato varieties adoption and resource use efficiency in northern Bangladesh. *The Bangladesh Journal of Agricultural Economics*, XXXVII(1&2): 103-113.
- (26) Islam, S. T.N. Nahar, J. Begum, M. Khatun, **M.I. Hossain** (2018). Marketing and financial analysis of milk production-a value chain perspective. *Asian Development Policy Review*, 6(1):32-40.
- (25) Islam, S., J. Begum, **M.I. Hossain**, M. Khatun (2017). Marketing of live poultry in northwest of Dhaka city-a value chain analysis. *American Journal of Food and Nutrition*, 5(1):28-40.
- (24) Ashfaq, A.K.M., D.C. Acharjee, S.M.H., Shawon, **M.I. Hossain** (2017). Financial Profitability of Vermicompost in Fulbaria Upazila of Mymensingh District. *IOSR Journal of Agriculture and Veterinary Science*, 10(10): 57-61.
- (23) Noor, T., M. Begum, M.R. Ahmed, **M.I. Hossain** (2017). Consumer Preference and Acceptance of Branded Spice Powder in SadarUpazila of Mymensingh District in Bangladesh. *Asian Journal of Agricultural Extension, Economics and Sociology*, 19(4): 1-13.
- (22) Abdullah Al-Amin, A.K.M., M. S. Rahman, **M.I. Hossain** (2016). Impact of Land fragmentation and Soil Fertility on Aus Rice Producers' Technical Efficiency in Barisal District of Bangladesh. *Journal of Bangladesh Agricultural University*, 14(1): 75-81.
- (21) Begum, M., M.R. Ahmed, T. Noor, **M.I. Hossain** (2016). Marketing of Orange: A Value Chain Perspective in the Selected Areas of Sylhet District in Bangladesh. *Progressive Agriculture*, 27(3): 327-338.

- (20) **Hossain, M.I.**, M.E.A. Begum, E. Papadopoulou (2015). Factors of Rural Development driver in Southeastern Bangladesh. *American Journal of Rural Development*, 3(2): 34-40.
- (19) Begum, M.E.A., **M.I. Hossain**, L.D. Haese (2013). Food Security in Bangladesh: Present Status and Trend. *Progressive Agriculture*, 24 (1& 2): 263-271.
- (18) Begum, M.E.A., **M.I. Hossain**, E. Papanagiotou (2013). Technical Efficiency of Shrimp Farming in Bangladesh: An Application of the Stochastic Production Frontier Approach. *Journal of the World Aquaculture Society*, 44(5): 641-654.
- (17) **Hossain, M.I.**, E. Papadopoulou, M.E.A. Begum (2013). Sectoral Co-integration and the Role of Agriculture in Bangladesh. *Pakistan Journal of Applied Economics*, 22(1&2): 39-52.
- (16) Begum, M.E.A., **M.I. Hossain**, E. Papanagiotou (2012). Economic Analysis of Postharvest Losses in Foodgrains for Strengthening Food Security in Northern Regions of Bangladesh. *International Journal of Applied Research in Business Administration and Economics*, 1(3): 56-65.
- (15) **Hossain, M.I.**, M.E.A. Begum, E. Papadopoulou, A. Semos (2012). Rural Development in Bangladesh since Independence: A Study on Progress and Performance. *Asian Journal of Agriculture and Rural Development*, 2(3):452-464.
- (14) **Hossain, M.I.**, E. Papadopoulou, M.E.A. Begum (2011). Co-integration Analysis of Rural Wheat Markets in Northern Bangladesh. *Asia-Pacific Journal of Rural Development*, XXII(2): 89-104.
- (13) Hossain, T.M.B, M.E.A. Begum, M.I.Hossain, M.G.Rabbani, M.R. karim(2009). Maize Production Through Contact Growing System in Dinajpur and Lalmonirhat Districts. *Bangladesh Journal of progressive Science and Technology*, 7(1): 73-76.
- (12) Hossain, M.I., M. Verbake (2010). Evaluation of Rice Markets Integration in Bangladesh. *Lahore Journal of Economics*, 15 (2): 77-96.
- (11) **Hossain, M.I.**, W. Verbeke (2008). Farmers and Private Traders Response to Rice Markets Liberalization in Bangladesh. *Journal of International Logistics and Trade*, 6 (1): 1-21.
- (10) **Hossain, M.I.**, M.A. Akbar (2008). Impact of Private Broiler Farming on Rural Employment and Income Generation in Kishoreganj District. *Journal of Bangladesh Agricultural University*, 6 (1): 181-188.
- (9) Begum, M.E.A., **M.I. Hossain**, F. Alam. (2005). An Analysis of the Loan Operation and Linkage Among the Rural Financial Markets of Bangladesh. *Progressive Agriculture*, 16(1):273-283.
- (8) **Hossain, M.I.**, M.N. Huda, M.E.A. Begum, M.A. Khan, M.G. Rabbani. (2004). A Study on Price Spreads of Major Crops in Selected Markets of Bangladesh, *Journal of Applied Sciences*, 4 (4): 513-520.
- (7) Begum, M.E.A., **M.I. Hossain**, F.Alam. (2004). Structure and Lending Policy of Rural Financial Markets of ThakurgaonUpazila of Bangladesh. *Progressive Agriculture* 15(2):203-211.
- (6) Rabbani, M.G., **M.I. Hossain**, M.S. Islam, T.M.B. Hossain, M.A. Mannan. (2004). Factor Affecting Alternative Rice-Fish Production of Mymensingh District in Bangladesh, *Pakistan Journal of Biological Sciences*, 7 (5): 667-669.
- (5) Rabbani, M.G., M.S. Islam, **M.I. Hossain**, T.M.B. Hossain, M.E.A. Begum. (2004). An Economic Study on Alternative Rice-Fish Culture in Selected Areas of Mymensingh District in Bangladesh, *Pakistan Journal of Biological Sciences*, 7 (5): 685-688.
- (4) **Hossain, M.I.**, S.S. Chanda. (2002). A Study on Beef Cattle Marketing in Bangladesh, *On Line Journal of Biological Sciences*, 2 (7): 481-482.
- (3) Chanda, S.S., **M.I. Hossain**. (2001). Socio-economic Characteristics of Khasi Tribal in Bangladesh. *South Asian Studies*, 16 (I-II): 41-46.

- (2) Haque, M.N., **M.I. Hossain**, M.R. Rahman, S.A. Aziz. (2000). Existing Livestock Production and Utilization System in Pabna District of Bangladesh. *Progressive Agriculture*, 11 (I-II): 287-291.
- (1) Biswas, S.S., **M.I. Hossain**, M.S. Mazumder, M. Akteruzzaman. (2000). An Economics Analysis of Pond Fish Culture of BRAC in Some Selected Areas of Mymensingh District. *Progressive Agriculture*, 11(I-II): 243-249.
-

Seminar paper/Conference paper (3)

- (3) **Hossain, M.I.**, T.K. Ghose and M.E.A. Begum (2022). Analysis of seaweed value chain to improve coastal livelihood and blue economy of Bangladesh. Transforming Coastal Zone for Sustainable Food and Income Security, (ed.) by T.D. Lama, Dr. Dhiman Burman, Dr. Uttam Kumar Mandal, Dr. Sukanta Kumar Sarangi, and Dr. H.S. Sen. Springer Nature publisher.
- (2) Begum.M.E.A., **M.I. Hossain**, M. Tsiouni and E. Papanagiotou (2015). Technical efficiency of shrimp and prawn farming: evidence from coastal region of Bangladesh. Paper presented in 7th International Conference on Information and Communication Technologies in Agriculture, Food and Environment (HAICTA) held on 17-20 September, 2015, Kavala, Greece.
- (1) Hossain, T.M.B., E. Papadopoulou and **M.I. Hossain** (2010). Concomitant downturn effect of skyrocketing surge of world commodity price on the food security threaten LIFDCs: a special case of Bangladesh. Paper presented in the 11 th Pan Hellenic Conference of Rural Economy held at Agricultural University of Athens on 26-27 November 2010.

Book Published (1)

Hossain, M.I. (2012). *The Liberalization and Integration of Rice Markets in Bangladesh*. LAMBERT Academic Publishing.

Countries Visited/Traveled

Greece, Belgium, Germany, Spain, Italy, France, Netherlands, Slovakia, Austria, Qatar, Turkey, Bulgaria, Australia and India

Language proficiency

English: All completed tertiary studies were taught, examined and assessed entirely in English.

English for Scientific Purpose, University of Ghent, Belgium

Greek: Successfully passed the **B1** with Good grade

Successfully passed the **B2** with Very Good grade

Professional Memberships:

- i) Life Member, Bangladesh Economist Association (BEA), Bangladesh.
 - ii) Life Member, Bangladesh Agricultural Economists' Association (BAEA), Bangladesh.
 - iii) Member, Agriculturist Association of Bangladesh.
 - iv) Member, Agricultural and Applied Economics Association
 - v) Advisor, "Badhon" (A blood donated social organization), Bangladesh Agricultural University, Mymensingh.
-

Journal Editor, Associate Editor and Members of the Editorial Board

- i) Springer Nature Humanities and Social Sciences Communications (Editor)
- ii) Journal of the Bangladesh Agricultural University (Editor Board Member: 2025 to 2027)
- iii) The Bangladesh Journal of Agricultural Economics (Chief Editor: August/2024 to July/2026)
- iv) The Bangladesh Journal of Agricultural University (Editorial Board member: April/2025 to March/2026)
- v) The Bangladesh Journal of Agricultural Economics: Associate Editor- from August 2014 to July 2016.
- vi) Research in Agriculture, Livestock and Fisheries: Editorial team member- from July 2015 to till.

Journal Reviewer

Word Journal of Aquiculture Society, Bangladesh Journal of Agricultural Economics, Bangladesh Agricultural University Journal, Heliyon, Food Policy, Aquaculture Economics and Management, Cogent Economics and Finance, Aquaculture Review, Plos One, American Journal of Agricultural Economics, Aquaculture. World Development Perspectives, Aquaculture

Computer skills

Adobe Photoshop, Image Analyzer, Computer Network, MS Word & MS Excel, Power Point, Access, Illustrator, SPSS, Stata, R, Eviews many multimedia and research related soft wares.

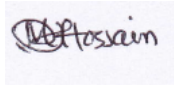
Personal Information:

Date of Birth	:	January 01. 1973
Nationality	:	Bangladeshi by birth
Home District	:	Chandpur
Fathers' name	:	Mohammad Abdur Rahim
Mothers' name	:	Mst. Mafia Khatun
Present address	:	B-8/A; Bangladesh Agricultural Research Institute Residential Area, Joydebpur, Gazipur
Permanent address	:	Village: Sreerampur (Mizibari), P.O.: Pak Sreerampur Post code: 3631, Upazila: Kachua, Zila: Chandpur
Marital status	:	Married & Blessed with two sons

References: Available upon request

CERTIFICATION

I, hereby declare that all the statments/particulars made furnished in this application are true, complete and correct to the best of my knowledge and belief. I also declare and fully understand that in the event of any information furnished being found false or incorrect at any stage, any application/candidature is liable to be summarily rejected at any stage and if I am already appointed my services are liable to be terminated without any notice as Act and other applicable rules.



Date: 28/07/2026

[Signature]

Day/Month/Year