

# Curriculum Vitae



- I. Name : **Dr. Mohammad Taj Uddin**  
II. Father's name : Late Abdul Aziz  
III. Present address : Professor  
Department of Agricultural Economics  
Bangladesh Agricultural University, Mymensingh-2202, Bangladesh  
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- IV. Permanent address : Village: Dhakuria, P.O.: Hajipur  
Upazila: Hossainpur, District: Kishoregonj
- V. Date of birth : 05 April 1969  
VI. Marital status : Married  
VII. Nationality : Bangladeshi by birth

## VIII. Academic qualifications:

JSPS Post-doctorate, Graduate School of International Development, Nagoya University, Japan in 2008  
Doctor of Agricultural Science, Graduate School of Bioagricultural Sciences, Nagoya University, Japan in 2006  
Master of Agricultural Science, Graduate School of Bioagricultural Sciences, Nagoya University, Japan (Grade A, Excellent) in 2003  
M.S. in Agricultural Production Economics, Department of Agricultural Economics, Bangladesh Agricultural University, Mymensingh (Grade A, 1st Class 1<sup>st</sup> Position) in 1995  
B.Sc. Agricultural Economics (Honours), Bangladesh Agricultural University, Mymensingh (1st class 1<sup>st</sup> Position, Gold Medalist) in 1990  
Higher Secondary Certificate (H.S.C.) from Dhaka Board (1st Division) in 1986  
Secondary School Certificate (S.S.C.) from Dhaka Board (1st Division) in 1984

## IX. Teaching experience:

- 19 Feb 2010 to date : Professor  
26 July 2005 to 18 Feb. 2010 : Associate Professor  
28 June 1997 to 25 July 2005 : Assistant Professor  
14 November 1994 to 27 June 1997 : Lecturer  
Department of Agricultural Economics  
Bangladesh Agricultural University, Mymensingh-2202

## Description of duties:

- Teaching various subjects on Economics and Agricultural Economics such as Microeconomics, Macroeconomics, Environmental Economics, Production Economics, Livestock Production Economics, Farm Management, Econometrics at undergraduate and master's level;
- Conducting problem oriented research on various aspects of Agricultural Economics;
- Supervising Master's/MBA/PhD thesis/research within the broad area of Agricultural Economics;
- Associated with a group of economist for the farmers' wellbeing and socioeconomic development; and
- Performing other duties assigned by the university authority and other government organizations/institutes.

## X. Research experiences:

On- going research project	: 02	Completed research project	: 39
Degree-based thesis/dissertation	: 03	Publications in different journals : 88; (International: 28 & National: 60)	Book : 03
Supervised PhD/MS/MBA students	: 56	Paper presented in seminar/workshop	: 28

### A. List of on-going research project: 02

Title of the projects	Position	Funding Organization	Duration
Climate-friendly and climate-resilient prawn farming in Bangladesh	Team Member	DANIDA	April 2022 to March 2026
Improving Farmers' Income and Livelihood through Green Grass Production in Major Milk Pocket Areas of Bangladesh	Principal Investigator	BAURES	January 2021 to Dec. 2022

BAURES: Bangladesh Agricultural University Research System; and DANIDA: Danish International Development Agency.

### B. List of completed research projects: 39

Sl. No.	Title of the projects	Position	Funding Organization	Duration
1.	Soybean Production in Bangladesh : Potentials and Problems	Principal Investigator	MoST	July 2021 to June 2022
2.	Incorporating Salt-Tolerant Wheat and Pulses into Smallholder Farming Systems in Southern Bangladesh	Principal Investigator	ACIAR	March 2017 to August 2021
3.	Economic Viability and Production Efficiency of Rice: A Macro Level Study in Bangladesh	Principal Investigator	BARC-PBRG	February 2018 to Oct. 2021
4.	Farmers' Perception and Factors Affecting Adoption of Mungbean Production in Southern Bangladesh	Principal Investigator	MoST	July 2020 to June 2021
5.	Water Saving Technologies in BD: Crop Farming: Socioeconomic and Environmental Perspective	Principal Investigator	MoE	July 2017 to June 2020
6.	Financial Profitability and Value Chain Analysis of Pineapple in Selected Areas of Bangladesh	Principal Investigator	MoST	July 2019 to June 2020
7.	Value Chain Analysis of Honey in Bangladesh: Production Practices and Livelihood Status Perspective	Principal Investigator	BAURES	July 2018 to June 2020
8.	Upgrading <i>Pangas</i> and <i>Tilapia</i> Value Chains in Bangladesh	Principal Investigator	DANIDA	March 2015 to February 2020
9.	Organic Shrimp Farming in Bangladesh: Economic, Environmental and Sustainability Issues	Principal Investigator	MoST	July 2018 to June 2019
10.	Farming Practices and Livelihood Status of <i>Haor</i> Farm Households in Kishoregonj District	Principal Investigator	BAURES	July 2017 to June 2018
11.	Hydroponic Fodder Production in Bangladesh : Prospects and Challenges	Principal Investigator	MoST	July 2017 to June 2018
12.	Enhancing Livelihood of Farming Community Through Adoption of Conservation Agriculture: A Socioeconomic Study	Principal Investigator	MoE	July 2014 to June 2017
13.	Policy Brief on <i>Haor</i> Devt.-A Participatory Approach	Consultant	FNF	July-Aug 2016
14.	Assessing Government Input Support on <i>Aus</i> Rice Production in Bangladesh : Food Security and Poverty Reduction Perspective	Principal Investigator	MoST	July 2016 to June 2017
15.	<i>Char</i> People's Production Practices and Livelihood Status: An Economic Study in Selected Areas of Mymensingh District	Principal Investigator	BAURES	July 2015 to June 2017
16.	Socioeconomic Impact of 'One House One Farm' Project on Indigenous Households in Mymensingh District: Food Security and Women Empowerment Perspective	Principal Investigator	MoST	July 2015 to June 2016
17.	Business Prospects and Challenges of Farmers in Haor Regions	Consultant	FBCCI	Nov. to Dec. 2016
18.	Is Crop Residue Beneficial for Farmers' Livelihood ? A Socioeconomic Study	Principal Investigator	BAURES	July 2013 to June 2015
19.	'One House One Farm' Project and Its Impact on Farmers' Livelihood in Bangladesh	Principal Investigator	MoST	July 2014 to June 2015

20.	Socioeconomic Study on Safety Compliances and Productivity of Small-scale Shrimp Farming	Principal Investigator	MoST	July 2013 to June 2014
21.	Impact assessment of GO-NGO Interventions on Dairy Farming vis-à-vis Self-managed Dairy Farming	Co-Principal Investigator	BLRI	July 2013 to June 2014
22.	Integrated Farming and its Impact on Farmers' Livelihood in Bangladesh	Principal Investigator	BARC-SPGR	Dec. 2012 to April. 2014
23.	Developing Concept Note on Improved Rice Varieties Adoption in Rural Bangladesh	Consultant	IRRI	August to Dec. 2014
24.	Pond Fish Farming under NGO Support and Individual Management: A Comparative Socioeconomic Study	Principal Investigator	BAURES	July 2012 to June 2013
25.	A Study on Value Added Dairy Products and Availability of Milk, Meat and Egg at Consumers' Level	Co-Principal Investigator	BLRI	July 2012 to June 2013
26.	Model Livestock Community Development Programme in Bangladesh	Consultant	BLRI	April to June 2012
27.	Comparative Performance Analysis of <i>Sonali</i> Bird with those of Local Non-Descript, Commercial Broilers and Layers	Consultant	FAO	Dec. 2011 to March 2012
28.	Study of Farmer Preferences for Abiotic Stress Tolerance Traits in Hybrid Rice	Consultant	IFPRI	22 to 28 June 2012
29.	Assessing Salinity Impacts of Shrimp Cultivation on Farming Pattern and Farmers' Livelihood in the Coastal Belt of Bangladesh	Principal Investigator	MoST	July 2011 to June 2012
30.	A Study on Determination of Poultry and Dairy Cattle Production Coefficient	Co-Principal Investigator	BLRI	July 2011 to June 2012
31.	Low Lying Inland Fish Farming: Resource Use Perspective	Principal Investigator	BAURES	July 2011 to June 2012
32.	Impact of Recent Changes in Livestock Production Pattern on Farm Families' Livelihood and Health	Co-Principal Investigator	BLRI	July 2010 to June 2011
33.	Need Assessment on Veterinary Services in Bangladesh	Co-Principal Investigator	PKSF	July 2009 to June 2010
34.	A Study on Milk Marketing in Some Selected Areas of Bangladesh	Co-Principal Investigator	BLRI	July 2009 to June 2010
35.	Participation of Rural Poor in Poverty Alleviation Programs by Gender Dimension: The Lesson From BRDB Experience	Co-Principal Investigator	BARC	Nov. 1999 to Dec. 2000
36.	Economics of Milk Production in Bangladesh	Co-Principal Investigator	BARC	July 1998 to June 2000
37.	Impact Study on Integrated Soil Fertility and Fertilizer Management Project (SFFP) Phase-I'	Consultant	DANIDA	April to May 1998
38.	Impact Study on 'Mymensingh Aquaculture Extension Project (MAEP) Phase-I'	Research Assistant	DANIDA	May to October 1995
39.	Factors Affecting Adoption and Use of Power-Tillers in Bangladesh	Research Assistant	Winrock International	January to April 1993

MoST: Ministry of Science and Technology; ACIAR : Australian Centre for International Agricultural Research; BARC: Bangladesh Agricultural Research Council-PBRG: Program Based Research Grants; DANIDA: Danish International Development Agency.; MoE: Ministry of Education; FBCCI : Federation of Bangladesh Chambers of Commerce & Industry; BLRI: Bangladesh Livestock Research Institute; BARC: Bangladesh Agricultural Research Council-SPGR: Sponsored Public Goods Research; IRRI: International Rice Research Institute; FAO: Food and Agriculture Organization of the United Nations; IFPRI: International Food policy Research Institute; BAURES: Bangladesh Agricultural University Research System; PKSF: Palli Karma-Sahayak Foundation; and GoB: Government of Bangladesh.

### C. Degree-based thesis/dissertation: 03

Title	Purpose/ Place	Funding Organization	Duration
Shrimp Value Chains and Standards in Bangladesh	Postdoctorate Research Nagoya University, Japan	JSPS Japan	2 Years: Nov. 2006 to Nov. 2008
Economics of Integrated Farming in Bangladesh	PhD Dissertation Nagoya University, Japan	AIEJ Japan	3 Years: April 2003 to March 2006
Allocation of Resources in Agricultural Enterprises	M.S. Thesis Nagoya University, Japan	JJ/WBGSP World Bank	2 Years: April 2001 to March 2003
Economic Analysis and Optimum Crop Plan of a Farming System	M.S. Thesis Bangladesh Agril. University	MoST Bangladesh	1 Year: July 1994 to June 1995

JSPS: Japan Society for the Promotion of Science; AIEJ: Association of International Education, Japan; JJ/WBGSP: Joint Japan/ World Bank Graduate Scholarship Program; and MOST: Ministry of Science and Technology.

### D. Administrative and social experience:

1. Performing responsibility as **Provost** of Ashraful Haque Hall, Bangladesh Agricultural University from 01 September 2022 to date.
2. Performed duties and responsibilities as **Director** of Institutional Quality Assurance Cell (IQAC), BAU from 17 February 2020 to 16 February 2022.
3. Performed duties and responsibilities as **Director** of Institute of Agribusiness and Development Studies (IADS), BAU from 30 June 2014 to 20 June 2016.
4. Worked as **Officer in-charge** at Shamsul Islam Memorial Library from May 2011 to August 2015.
5. Served the University as the **Elected Member** of Bangladesh Agricultural University Teachers' Association (BAUTA) from Feb 2013 to January 2014.
6. Performed duties and responsibilities as **Head** of the Department of Agricultural Economics, BAU from 24 May 2010 to 23 May 2012.
7. Worked as **House Tutor General** from 01 May to 31 October 2006 in the Shaheed Jamal Hossain Hall and from 08 January 1996 to 07 July 1998 in the Isha Khan Hall, Bangladesh Agricultural University.
8. Completed **Rover Scout Leader** basic course at the Government Anandamohan College, Mymensingh from 28 July - 04 August 2000.

### E. Other experiences:

1. Working as **Member/Expert Member** in the Selection Committee for the appointment of Lecturer/ Assistant Prof./Asso. Prof./Professor at BAU, PSTU, HSTU, NUST, PUST and SAU since 2012 to date.
2. Performed responsibilities as **Executive Editor** for the Bangladesh Journal of Agricultural Economics, BAU since July 2020 to June 2022.
3. Served as a **Member** of the Committee for Advanced Studies and Research (CASR), BAU from 30 Jan 2017 to 29 Jan 2019.
4. Worked as **Team Member** for evaluating the projects of the Faculty of Agricultural Economics and Rural Sociology funded by UGC-BAURES from July 2016 to June 2018 and July 2010 to June 2011.
5. Performed responsibilities as **Editorial Board Member** for the Journal of the Bangladesh Agricultural University, BAURES since July 2015 to June 2017.
6. Performed responsibilities as **Section Editor** in social science for the Journal of Progressive Agriculture since January 2011 to December 2013.
7. Worked as **Team Leader** for evaluating the projects of the Farming Systems and Socioeconomics Division of Bangladesh Livestock Research Institute (BLRI), Savar from July 2010 to June 2012.
8. Worked as **Teaching Assistant (TA)** at Graduate School of Bioagricultural Sciences and Graduate School of Languages and Cultures in Nagoya University, Japan from April 2003 to March 2006.

### XI. Conference/Seminar/Training/Workshop/Dialogue Participated

#### A. National: 32

1. National seminar and conference on 'Inclusive and Sustainable Agricultural Development in Bangladesh' at BARC, Dhaka from 5-6 Sept. 2022.
2. Annual Planning Conference (31<sup>st</sup> APC: 2021-22) at Rural Development Academy (RDA), Bogura from 22-23 Sept. 2021
3. Seminar on 'Farmer-Entrepreneur Driver for Commercial Agriculture' at National Agricultural Training Academy (NATA), Gazipur on 06 January 2020.

4. Workshop on 'Scavenging Poultry Conservation and Development' at Bangladesh Livestock Research Institute (BLRI), Savar on 06 February 2019.
5. Workshop on Advanced Research Proposal Review at BANBEIS, Ministry of Education, Dhaka on 19 June 2019.
6. Training workshop on 'Implementation Guideline of PBRG sub-project' at BARC, Farmgate, Dhaka on 06 June 2018.
7. Expert Group meeting on 'Policy Brief on *Haor* Development : A Participatory Approach' at FBCCI, Motijheel, Dhaka on 29 July 2017.
8. Inception workshop on 'Incorporating salt-tolerant wheat and pulses into smallholder farming systems in southern Bangladesh' sponsored by ACIAR, Australia at BARI, Gazipur from 11-12 July 2017.
9. Dissemination workshop on 'Status and Constraints of Farmers in *Haors* of Bangladesh : Business Environment Perspective' at FBCCI, Motijheel, Dhaka on 31 Dec. 2016.
10. Workshop on 'Advancing Knowledge and Skills on Agricultural Education and Research' organized by USAID-VEGA at BAU, Mymensingh on 15 September 2015.
11. Training course on 'Curricula Development and Teaching-Learning' organized by the HEQEP sub-project at BAU from 04-10 June 2015.
12. Annual Research Review Workshop at Bangladesh Institute of Nuclear Agriculture on 07 Nov. 2015.
13. Startup Conference on BANGFISH Stakeholders funded by DANIDA in Dhaka from 27 May to 02 June 2015.
14. Workshop on 'Mentoring and Connecting Women Entrepreneurs in Business' jointly organized by IIRI and CSISA-BD in Khulna from 15 - 16 November 2015.
15. Annual Research Review Workshop at BLRI, Savar during 24-25 June 2012.
16. Training workshop on 'Analysis of Data for Measuring Availability, Access and Nutritional Status' conducted by NFPCSP-FAO at BARD, Kotbari, Comilla from 14-27 January 2012.
17. Policy workshop on 'Enhancing Food Security in Bangladesh: Evidence for Action': conducted by IFPRI at Ruposhi Bangla Hotel, Dhaka from 4-5 October 2011.
18. Internal Review Workshop of Agricultural Economics Division, Bangladesh Agricultural Research Institute (BARI), Gazipur during 24-25 July 2011.
19. Write-shop on 'Research and Extension of Rice-Fish Technology in Bangladesh' conducted by IFPRI at BAU, Mymensingh from 5-6 July 2011.
20. Workshop on 'Academic Quality Improvement' organized by Bangladesh Agricultural University Teachers' Association from 8-9 January 2011.
21. Trade Policy Appreciation Training on 'WTO and Bangladesh' conducted by Bureau of Socioeconomic Research and Training (BSERT) at BAU, Mymensingh during 23-25 December 2010.
22. Inception workshop 'Integrated Farming System' at Noakhali Science and Technology University, Noakhali on 25 July 2010.
23. Young Scientists Congress organized by Bangladesh Academy of Sciences ((BAS) at National Museum of Science and Technology, Agargaon, Dhaka from 29-30 December 2009.
24. Seminar on 'Shrimp Exports from Bangladesh: Prospects and Challenges' organized by Fishery Products Business Promotion Council at Hotel Sheraton, Dhaka from 30 Sept.- 01 Oct. 2009.
25. Training of Trainers (ToT) course on 'Disaster Management' conducted by Ministry of Food and Disaster Management, GoB at the RDA, Bogra from 16-20 August, 2009.
26. Annual Research Review Workshop at Bangladesh Sugarcane Research Institute (BSRI), Ishurdi, Pabna from 4-5 September 2009.
27. Workshop on 'Focus Group Discussion' conducted by Bangladesh Medical Research Council (BMRC), Dhaka from 26-29 June 2000.
28. Training workshop on 'Application of GIS in Agricultural Development Planning' sponsored by GIS Project of Bangladesh Agril. Research Council (BARC) at BAU, Mymensingh from 10-11 August 1999.
29. Training course on 'Technical Report Writing and Presentation' conducted by Graduate Training Institute (GTI) at BAU, Mymensingh from 17-29 May 1997.
30. Training course on 'Farming System Research and Development Methodology' sponsored by Bangladesh Agricultural Research Council (BARC), Dhaka from 28 November – 18 December 1996.
31. Training course on 'Teaching Methodology' conducted by Graduate Training Institute (GTI) at BAU, Mymensingh from 11-30 May 1996.
32. Banking Training Course conducted by Sonali Bank Staff College at BAU, Mymensingh from 24 July – 05 August 1993.

## **B) International: 19**

1. Global Congress on Food and Agriculture at Dubai, UAE (18-20 Nov. 2019).
2. Symposium on Small-holder Farms in Market Integration at Nanjing, China (10-14 Nov. 2019).
3. International Symposium on Agriculture and Environment (ISAE 2018) at Colombo, Sri Lanka (17<sup>th</sup> January 2018).
4. Annual meeting on DANIDA funded collaborative research project entitled 'Upgrading *Pangas* and *Tilapia* Value Chains' at Copenhagen, Denmark (18-25 Sept. 2017).
5. International Conference on Agricultural Science at London, UK (25-26 May 2017).
6. Annual meeting on DANIDA funded collaborative research project entitled 'Upgrading *Pangas* and *Tilapia* Value Chains' at Copenhagen, Denmark (22-30 June, 2016).
7. Workshop on 'Food Value Chain Analysis: Tools and Applications' at Bangkok, Thailand (4-8 December 2013).
8. SANDEE (South Asian Network for Development and Environmental Economics) Workshop on Winter School in Research Methods at Dhulikhel, Nepal (14-24 January 2013).
9. AgMIP South Asia Regional Workshop at ICRISAT Headquarters, Hyderabad, India (20-25 Feb. 2012).
10. Workshop on 'Impact Assessment of Aquaculture Sector' at WorldFish Center Headquarters, Penang, Malaysia (14-18 November 2011).
11. Training course on 'Environmental and Natural Resource Economics' organized by the SANDEE at AIT, Bangkok, Thailand (03-21 May 2010).
12. American Fisheries Society-Ontario Chapter Conference at Ottawa Congress Centre, Ottawa, Canada (17-21 August 2008).
13. Australian Aquaculture International Conference at Brisbane Convention and Exhibition Centre, Brisbane, Australia (3-6 August 2008).
14. Meeting with 'stakeholders of fish farming and processing plants' at Bangkok, Thailand (12-16 May 2008).
15. Seafood Summit at Barcelona, Spain (27-30 January 2008).
16. Midwest Fish and Wildlife Conference at Madison, Wisconsin, USA (9-12 December 2007).
17. Japanese Society of Regional and Agricultural Development Conference at Nagoya University, Nagoya, Japan (10-11 December 2004).
18. Japanese Society of Regional and Agricultural Development Conference at Tokyo University of Agriculture, Tokyo, Japan (22-23 March 2003).
19. Spring Intensive Japanese Language Program at Nagoya University, Nagoya, Japan (19 February- 13 March 2001).

## **XII. Country visited: 29**

Japan, USA, UK, Switzerland, Canada, United Arab Emirates, Germany, Australia, Finland, China, Spain, Italy, South Korea, Maldives, Norway, Singapore, Myanmar, Sweden, Turkey, Thailand, Malaysia, Denmark, India, France, Nepal, Qatar, Hong Kong, Vatican City and Sri Lanka.

## **XIII. Scholarship/Awards received: 10**

1. JSPS postdoctoral fellowship at Nagoya University, Japan from 26 Nov. 2006 to 25 Nov. 2008.
2. Doctoral scholarship from the Association of International Education, Japan (AIEJ) from April 2003 to March 2006.
3. Joint Japan/World Bank Graduate Scholarship for Masters degree at Nagoya University, Japan from February 2001 to March 2003.
4. National Science and Technology Fellowship from the Ministry of Science and Technology, Government of Bangladesh for M.S. research at BAU, Mymensingh from July to Nov. 1994.
5. Chancellor's Award from the Honourable Prime Minister of Bangladesh for securing 1st position in the 1st class in B.Sc. Agricultural Economics (Honours) examination in 1990.
6. Professor Shamsul Islam Memorial Gold Medal from the Honourable Prime Minister of Bangladesh due to the excellent academic performance in the B.Sc. Agril, Economics (Honours) examination in 1990.
7. University merit scholarship during masters study at BAU, Mymensingh from July 1993 to June 1994.
8. University merit scholarship during undergraduate study at BAU from July 1986 to June 1990.
9. Board scholarship during higher secondary study from July 1984 to June 1986.
10. Junior scholarship during secondary school study from January 1982 to June 1984.

#### **XIV. Membership in scientific societies/associations: 07**

1. Bangladesh Agricultural Economists' Association, Bangladesh
2. Bangladesh Economic Association, Bangladesh
3. Krishibid Institution Bangladesh
4. Bangladesh Fisheries Research Forum, Bangladesh
5. International Network of Social Scientists, IRRI, Philippines
6. Japanese Society of Regional and Agricultural Development, Japan
7. Japanese Universities Alumni Association in Bangladesh, JUAAB

#### **XV. List of publications: 88** (International: 28 & National: 60; \*h-indices of Google Scholar: 12)

1. **Uddin M.T.**, Kamruzzaman M. and Sujon M.M.R. 2022. Profitability and resource use efficiency of *Boro* rice production in favorable and submergence ecosystems of Tangail district: A comparative study. *Farm Economy*, 17:25-38.
2. **Uddin M.T.**, Roy S.S. and Dhar A.R. 2022. Financial profitability and value chain analysis of pineapple in Tangail, Bangladesh. *World Food Policy*, 8(1):126-143.
3. Roy S.S., **Uddin M.T.** and Alam M.N. 2022. An empirical study on profitability and value chain analysis of tea in selected areas of Sylhet division. *Journal of Agricultural Innovation and Development*, accepted for publication.
4. **Uddin M.T.**, Roy S.S. and Hoq M.S. 2022. Farmers' perception and factors affecting adoption of mungbean production in some selected areas of southern Bangladesh. *Bangladesh Journal of Agricultural Research*, 46(4): 385-396.
5. Biplob A., **Uddin M.T.** and Mou A.T. 2022. Assessing the impact of homestead agroforestry on farmers' socioeconomic status and environmental benefits in some selected areas of tangail district. *BMSFM Research Journal*, 1(1):27-34.
6. **Uddin M.T.**, Reza M.M. and Dhar A.R. 2022. Improving farmers' income and livelihood through green grass production in major milk pocket areas of Bangladesh. *Environment Development*, under review.
7. Ahmed T., Nasrin M., **Uddin M.T.** and Rahman A. 2022. Farmers' perception and factors influencing adoption of homestead vegetable farming in Mymensingh district. *Bangladesh Journal of Agricultural Economics*, 43(1):73-84.
8. Iris, F., Nawi, N.M., Man, N., Ramli, N.N. and **Uddin, M.T.** 2022. Farmers' farm performance is correlated with the dimensions of relationship marketing: A study in Bangladesh. *Agricultural Science Digest – A Research Journal*, 10.18805/ag.DF-445.
9. Hoq M.S., **Uddin M.T.**, Raha S.K. and Hossain M.I. 2022. Determinants of households' livelihood diversification strategies to adapt to natural hazards: Evidence from ecologically vulnerable haor region of Bangladesh. *Natural Hazards*, 0.1007/s11069-022-05514-.
10. Sharifa S., Dhar A.R. and **Uddin M.T.** 2022. Organic banana production in a selected area of Bangladesh: Assessment on financial profitability and farmers' livelihood. *Bangladesh Rural Development Studies*, 25(1):11-20.
11. Mou A.T., **Uddin M.T.** and Rahman M.H. 2022. Empirical assessment of species vulnerability for biodiversity conservation: A case study in *Chalan Beel* of Bangladesh. *Biodiversity and Conservation*, under review.
12. Iris, F., Nawi, N.M., Man, N., Ramli, N.N. and **Uddin, M.T.** 2022. Trust and communication influence on farm performance for paddy farmers: A study in Bangladesh. *Asian Journal of Agriculture and Rural Development*, 12(2), 75-81.
13. **Uddin M.T.**, Dhar A.R., William E. and Neogi M.G. 2021. Practice change in dry season cropping of non-saline areas in Southern Bangladesh: Perspective on project intervention. *Bangladesh Journal of Agricultural Economics*, 42(2):29-48.
14. Mia M.S., **Uddin M.T.**, Kabir H. and Miah M.A.M. 2021. Growth and forecasting of BADC and national *Boro* seed production in Bangladesh: An empirical study. *Bangladesh Journal of Agricultural Economics*, 42(2):79-97.
15. Dhar A.R., **Uddin M.T.** and Max, N. 2021. Enhancing export potential of pangas and tilapia through quality assurance and safety compliances: Case study of processing plants/exporters in Bangladesh. *Aquaculture*, 531 (735921):1-8.. Impact Factor: 3.224.



16. Hoq M.S., **Uddin M.T.**, Raha S.K. and Hossain M.I. 2021. Welfare impact of market participation: the case of rice farmers from wetland ecosystem in Bangladesh. *Environmental Challenges*, 5(100292): 1-13.
17. **Uddin M.T.**, Kamal M.Z.I. and Kamruzzaman M. 2021. Value chain analysis of honey in Bangladesh: Production practices and livelihood status perspective. *SAARC Journal of Agriculture*, 19(2):301-315.
18. Farhana I., Nawi N. M., Man N. and **Uddin M.T.** 2021. Mediating role of satisfaction between relationship marketing and business performance of paddy farmers in Bangladesh. *Turkish Journal of Agriculture and Forestry*, 45(4):1-47.
19. **Uddin M.T.** and Dhar A.R. 2020. Assessing the impact of water saving technologies on Boro rice farming in Bangladesh: Economic and environmental perspective. *Irrigation Science*, 38(2):199–212. Impact Factor: 2.440.
20. Kamruzzaman M. and **Uddin M.T.** 2020. Economic viability of *Boro* rice production in *haor* ecosystem of Kishoreganj District. *Bangladesh Journal of Agricultural Economics*, 41(2):45-62.
21. Dhar A.R., **Uddin M.T.** and Roy M.K. 2020. Assessment of organic shrimp farming sustainability from economic and environmental viewpoints in Bangladesh. *Environmental Research*, 180(108879):1-9. Impact Factor: 5.715.
22. Mortuja M.G. and **Uddin M.T.** 2019. Impact of climatic variables on major field crops in *char* areas of Mymensingh District. *Journal of Environmental Science and Natural Resources*, 12 (1&2), 51-55.
- \*\* **Uddin M.T.**, Goswami A., Rahman M.S. and Dhar A.R. 2019. How can governance improve efficiency and effectiveness of value chains? An analysis of *pangas* and *tilapia* stakeholders in Bangladesh. *Aquaculture*, 510 (15):206-219. Impact Factor: 3.224.
23. **Uddin M.T.**, Rasel M.H., Dhar A.R., Badiuzzaman and Hoque M.S. 2019. Factors determining consumer preferences for *pangas* and *tilapia* fish in Bangladesh: Consumers' perception and consumption habit perspective. *Journal of Aquatic Food Product Technology*, 28 (4):438-449. Impact Factor: 0.707.
24. **Uddin M.T.**, William E., Dhar A.R., Islam, M. and Neogi M.G. 2019. Farming practices and livelihood status of saline farm households in southern Bangladesh. *SAARC Journal of Agriculture*, 17(2): 227-238.
25. **Uddin M.T.**, Hossain N. and Dhar A.R. 2019. Business prospects and challenges in *haor* areas of Bangladesh. *Journal of Bangladesh Agricultural University*, 17 (1 ):65-72.
26. **Uddin M.T.** and Dhar A.R. 2018. Socioeconomic analysis of hydroponic fodder production in selected areas of Bangladesh: Prospects and challenges. *SAARC Journal of Agriculture*, 16(1) :233-247.
27. **Uddin M.T.**, Goswami A., Rahman M.S., Dhar A.R. and Khan M.A. 2018. Value chain of *pangas* and *tilapia* in Bangladesh. *Journal of Bangladesh Agricultural University*, 16 (3):503-512.
28. **Uddin M.T.**, Dhar A.R. and Hossain N. 2018. A socioeconomic study on farming practices and livelihood status of *haor* farmers in kishoregonj District: Natural calamities perspective. *Bangladesh Journal of Extension Education*, 30(1) : 27-42.
29. **Uddin M.T.** and Dhar A.R. 2018. Government input support on *Aus* rice production in Bangladesh: Impact on farmers' food security and poverty situation. *Agriculture and Food Security*, Springer Nature, 7(14):1-15.
30. Neogi M.G., Uddin A.K.M.S., **Uddin M.T.** and Miah M. 2018. Alternate wetting and drying (AWD) technology : A way to reduce irrigation cost and ensure higher yields of *Boro* rice. *Journal of Bangladesh Agricultural University*, 16 (1):1-4.
31. **Uddin M.T.**, Rasel M.H., Dhar A.R., Badiuzzaman and Hoque M.S. 2018. Factors determining consumer preferences for pangasius and tilapia fish in Bangladesh. *Bangladesh Journal of Fisheries*, 30 (2):241-251.
32. **Uddin M.T.**, Islam M.M. and Nasrin M. 2018. A study on value added dairy products and availability of milk, meat and egg at consumers' level in Bangladesh. *Bangladesh J. of Livestock Res.*, (21-25): 45-55.
33. **Uddin M.T.**, Dhar A.R. and Rahman M.H. 2017. Improving farmers' income and soil environmental quality through conservation agriculture practice in Bangladesh. *American Journal of Agricultural and Biological Sciences*, 12(1) : 55-65.
34. **Uddin M.T.** and Dhar A.R. 2017. *Char* people's production practices and livelihood status: An economic study in Mymensingh district. *Journal of Bangladesh Agricultural University*, 15 (1):73-86.
35. Neogi M.G., Uddin A.K.M.S., **Uddin M.T.** and Lauren J. 2017. Effect of seedbed solarization on plant growth and yield of two rice varieties - BR11 and BRRI Dhan33. *Journal of Bangladesh Agricultural University*, 15 (1):55-59.
36. **Uddin M.T.** and Dhar A.R. 2017. Conservation agriculture practice in Bangladesh : Farmers' socioeconomic status and soil environment perspective. *International Journal of Economics and Management Engineering*, 11(5) : 1251-1259.



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\* Global Research Impact Recognition Award-2022 (Senior Category) based on h-index by BAURES-2021

\*\* has been recognized as the best research article in 2019 and awarded with the 'Best Publication Award' by BAUTA-2020

**Book written: 03**

1. **Uddin M.T., Rahman M.H., Saleque M.A. and Olaf T.** 2015: Comparative performance of *Sonali* chickens, commercial broilers, layers and local non-descript (*Deshi*) chickens in selected areas of Bangladesh. Animal Health and Production Division, FAO, Rome, Italy.
2. Nasrin M. and **Uddin M.T.** 2014: Land tenure system and food security. A case study of Mymensingh district in Bangladesh. LAMBERT Academic Publishing, Germany.
3. **Uddin M.T.** and Masuduzzaman M. 1997: Krishi Aurthony (Agricultural Economics), a two-credit text book for the students of diploma in agriculture published by the Bangladesh Technical Education Board, Bangladesh.

**XVI. Supervision of PhD students' dissertation: 08**

1. Climate-friendly and climate-resilient prawn farming in Bangladesh (Supervisor, Student: Farhana Arefin Mila, on going)
2. Economic viability and production efficiency of rice in Bangladesh (Supervisor, Student: Md. Kamruzzaman, on going)
3. A study on BADC Boro seed for achieving sustainable food security in Bangladesh (Supervisor, Student: Md. Shahin Mia, on going)
4. Climatic stresses, adaptation strategies and capacity assessment of pulses growing farmers in the coastal areas of Bangladesh (Supervisor, Student: Nanda Dulal Kundu, on going)
5. Contribution of *haor* agriculture to farmers' livelihood and rural markets development (Supervisory Committee Member, Student: Md. Shamsul Haque, on going)
6. Developing effective distribution channel for paddy farmers in Bangladesh (Co-Supervisor, Student: Farhana Iris, Universiti Putra Malaysia, Year 2022)
7. A Study on economic perspective of transforming rice land into fish farming in Mymensingh District of Bangladesh (Co-Supervisor, Student: A.K.M. Mahbubur Rashid Golap, Year 2020)
8. An economic study on food security for small farm households in selected areas of Bangladesh (Co-Supervisor, Student: Md. Mohiuddin, Year: 2017)

**XVII. Supervised MS students' thesis: 38**

1. Financial profitability and consumers' preferences for safe broiler in selected areas of Mymensingh district (Student : Mst. Shanaz Akter, Semester: January-June/2022)
2. Farming practices and financial profitability of dragon fruit production in some selected areas of Tangail district (Student : Snigdha Sarker, Semester: January-June/2022)
3. Improving farmers' income and livelihood through green grass production in major milk pocket areas of Bangladesh: A socioeconomic study (Student : Md. Mohsin Reza, Semester: July-December/2020)
4. Comparative profitability and resource use efficiency of *Boro* rice production in different ecosystems of Tangail District (Student : Md.Masud Rana Sujon, Semester : July-December/2020)
5. Impact of homestead agroforestry on farmers' socioeconomic status and environmental benefits in some selected areas of Tangail District (Student : Anisuzzaman Biplob, Semester : July-Dec./2020)
6. Value chain analysis of honey in Bangladesh: Production practices and livelihood perspective (Student : Md. Zubayer Ibn Kamal, Semester: Jan-June/2020)
7. Farming practices and livelihood status of non-saline and saline farm households in southern Bangladesh : A socioeconomic study (Student : Md. Mominul Islam, Semester: July-Dec./2019)
8. Profitability and value chain analysis of milk in a selected area of Pabna District (Student : Sanzida Afroz., Semester: July-December/2019)
9. Socioeconomic changes of rural women using NGO loan in some selected areas of Mymensingh District (Student : Md. Masud Rana, Semester: July-December/2019)
10. Impact of climatic variables on major field crops in *char* areas of Mymensingh District (Student : Golam Mortuja, Semester: July-Dec./2019)
11. Organic banana production and its impact on farmers' livelihood in selected areas of Tangail District. (Student : Sharifa Siddeka, Semester: July-December/2019)
12. An economic study on vermicompost production in selected areas of Tangail District (Student : Prianka Saha Tuli, Semester: July-Dec./2019)
13. *Char* people's production practices and livelihood status: An economic study in Mymensingh District (Student : Md. Salah Uddin, Semester: Jan-June/2018)
14. Livelihood improvement of tribal women through turmeric production in Mymensingh District: A socioeconomic study (Student : Mafuza Khatun Taslima, Semester: July-Dec./2017)

15. Enhancing farmers' livelihood through adoption of conservation agriculture: A socioeconomic study (Student : Aurup Ratan Dhar, Semester: July-December/2016)
16. Impacts of natural calamities on farming practices and biodiversity of *Chalan Beel* areas in Natore District (Student : Anika Tahsin Mou, Semester: July-Dec./2016)
17. Financial profitability and value chain analysis of *pangas* in a selected area of Mymensingh District (Student : Apurba Goswami, Semester: July-December/2016)
18. Crop intensification and farmers' income generation through GO-NGO support in selected *char* areas of Sirajganj District (Student : Md. Monirul Islam, Semester: Jan-June/ 2015)
19. 'One house one farm' project and its impact on farmers' livelihood in selected areas of Mymensingh District (Student: Arifa Jannat, Semester: Jan-June/ 2015)
20. Profitability and value chain analysis of *tilapia* in a selected area of Mymensingh District (Student: Tahmina Sultana Neela, Semester: Jan-June/ 2015)
21. A comparative study on *GUTI* urea and traditional urea in Boro rice production in selected areas of Rangpur district (Student: Farhad Masum, Semester: Jan-June/ 2015)
22. An economic study on tomato production in selected areas of Chapai Nawabganj District (Student: Md. Nazmul Alam, Semester: July-Dec./2014)
23. A comparative economic analysis of dairy farming under NGO support and individual management in some selected areas of Manikgonj District (Student: Pragna Labony Setu, Semester: July-Dec/2014)
24. A socioeconomic study on crop residue practices and its impact on farmers' livelihood in selected areas of Mymensingh District (Student: Kanis Fatima, Semester: Jan.-June/2014)
25. Socioeconomic study on safety compliances and productivity of small-scale shrimp farming in coastal regions of Bangladesh (Student: Mousumi Rani Sarkar, Semester: Jan.-June/2014)
26. Pond fish farming under NGO support and individual management: A comparative socioeconomic study (Student: Kaynath Akhi, Semester: Jan.-June/2013)
27. Financial profitability of aromatic rice production and its impact on farmers' livelihood in selected areas of Tangail District (Student: Jannatul Nasrin, Semester: Jan.-June/2013)
28. Sonali poultry bird production in selected areas of Gazipur District: An economic study (Sharlin Jahan, Semester: Jan.-June/2013)
29. An Economic study on maize production and its impact on food security in selected areas of Bogra district (Student: Maksuda Mannaf, Semester: July-Dec./2012)
30. A comparative economic study on golda and bagda shrimp production in a selected area of Khulna District (Student: Md. Nurunnabi Mondal, Semester: Jan.-June/2012)
31. A study on low lying inland fish farming in selected areas of Kishoregonj District (Student: Israt Farjana, Semester: Jan.-June/2012)
32. An Economic study on different farming systems in *Dingapota Haor* area of Netrokona District.(Student: Syful Islam, Semester: Jan.-June/2012)
33. A comparative economic study on BARI GOM-24 and BARI GOM-23 production in a selected area of Dinajpur District (Student: Md. Toufiqul Islam, Semester: Jan.-June/2012)
34. Land tenure system and food security in some selected areas of Mymensingh district (Student: Mahmuda Nasrin, Semester: July-Dec./2011)
35. Impact of recent changes in livestock production pattern on farm families' livelihood and health in selected areas of Bangladesh (Student: Sabina Yasmin, Semester: July-Dec./2011)
36. A comparative economic study on sugarcane production under different farming management in selected areas of Jamalpur district (Student: Shila Rani Banda, Semester: Jan-June/2011)
37. An economic study on integrated fish-poultry farming in some selected areas of Mymensingh district (Student: Mousumi Mesba Piasa, Semester: Jan-June/2011)
38. A study on profitability of jute production and value addition activities of jute products in some selected areas of Madaripur district (Student: Nanda Dulal Kundu, Semester: Jan-June/2011)

### **XVIII. Supervised MBA students' thesis : 08**

1. An Economic Study on French Bean Production in Selected Areas of Chattogram District (Student : Jiku Nandi, Semester: July-Dec./2018)
2. Financial Profitability of BRAC Owned Nursery (Student : Maruf Hasan, Semester: July-Dec./2018)
3. Organic shrimp based Mostafa processing plant: Backward and forward linkages (Student : Mrinal Kanti Roy, Semester: Jan-June/2018)
4. Assessing consumer preferences for tilapia fish in selected areas of Mymensingh district (Student : Mehedi Hasan Rasel, Semester: July-Dec./2017)
5. Value chain analysis of *tilapia* fish: Focusing on a selected hatchery farm linkage (Student : Md. Salehur Rahman, Semester: July-Dec./2016)
6. Feasibility study on ACI animal hospital limited (Student : Md. Rasedul Islam, Semester: July-Dec./2015)
7. Market potential and market penetration of ACI reaper in Bangladesh (Student : Billal Mia, Semester: Jan.-June/2015)
8. A study on safe food production management in Natore district : A venture of enterprise humanity limited (Student : Md. Saifur Rahman, Semester: July-Dec./2014)

### **XIX. Supervised IIFS students' thesis : 02**

1. Proximate analysis of carrot fortified bread and its organoleptic study (Student: Md. Shahidur Rahman, Semester: Jan-June/2020)
2. Developing new product using jackfruit jam and assessment its significance (Student : Pavel Mullick, Semester: Jan-June/2020)

### **XX. Research interests:**

1. *Haor, char* and coastal agriculture;
2. Integrated farming and farm management;
3. Agricultural value chains and food safety;
4. Agricultural resource use optimization;
5. Food security and poverty alleviation; and
6. Environmental economics and climate change.

Date: 09.11.2022

Prof. Dr. Mohammad Taj Uddin