

**CURRICULUM VITAE  
OF  
Md. Shajedur Rahaman**



Senior Scientific Officer (SSO)  
Agricultural Economics Division  
Bangladesh Rice Research Institute  
Gazipur-1701  
Cell phone: +8801717487200  
E-mail: sajuo21@gmail.com  
srahman.econ@brri.gov.bd

**PERSONAL DETAILS**

Name : MD. SHAJEDUR RAHAMAN  
Father's name : MD. ANOWAR HOSSAIN  
Mother's name : MST. SHAJEDA BEGUM  
Permanent address : Vill.:Purba Sherpur, P.O: Shahidhat  
P.S.:Parbatipur, Dist: Dinajpur  
Present Address : Scientific Officer, Agricultural Economics Division  
Bangladesh Rice Research Institute, Gazipur-1701, Bangladesh  
Date of birth : 25 September 1989  
Nationality : Bangladeshi (by birth)  
Religion : Islam  
Sex : Male  
Marital status : Married  
Height : 5 feet and 7 inches  
Blood group : A (+ve)  
National ID No : 2717725592987

**ACADEMIC QUALIFICATION**

Name of the Institution	Degree/Certificate Received	Area of Study	GPA/CGP A
Bangladesh Agricultural University, Mymensingh-2202	M.S. in Agricultural Economics (Production Economics)	Production Economics	3.469 (Out of 4)
Bangladesh Agricultural University, Mymensingh-2202	B.Sc. Ag. Econ. (Hons.)	Agricultural Economics	3.473 (Out of 4)
Cantonment Public School & College, Rangpur	Higher Secondary School Certificate (H.S.C.)	Science	4.90 (Out of 5)
B.P. Government High School, Panchagarh	Secondary School Certificate (S.S.C)	Science	5 (Out of 5)

## FIELD OF SPECIALIZATION

- Agricultural Economics

## EMPLOYMENT EXPERIENCE

Position	Organization	Period
Senior Scientific officer (SSO)	Bangladesh Rice Research Institute (BRRI)	26 December 2022 to date
Scientific officer (SO)	Bangladesh Rice Research Institute (BRRI)	6 October 2013 to 25 December 2022

## TRAINING RECEIVED

Training Title	Institute	Duration
Basics of MS Office	Graduate Training Institution, Bangladesh Agricultural University, Mymensingh-2202	09 to 20 October, 2011
Selected Software Tutorial for Econometric Analysis	Bangladesh Agricultural Research Council, Dhaka	25 to 29 May, 2014
Impact Assessment of Agricultural Research and Development for NARS Scientists	Bangladesh Agricultural Research Institute, Gazipur	12 to 16 June, 2014
Training on Conducting Socio-economic Survey using Surveybe Software	International Rice Research Institute, Bangladesh	21 to 22 October, 2014
Financial and Economic Profitability of Agricultural Enterprises	Bangladesh Agricultural Research Council, Dhaka	08 to 12 November, 2015
Two-Month Rice Production and Communication Training Course	Bangladesh Rice Research Institute, Gazipur-1701	29 February to 28 April, 2016
Investment Game Application (IGA): An application for prioritizing rice farmers' preferences for varietal trait improvements	International Rice Research Institute (IRRI)	24 September to 5 October, 2016
Programming R for Experimental Design and Data Analysis	Bangladesh Rice Research Institute, Gazipur-1701	12 to 16 February, 2017
Modern Hybrid Rice Production Training	Bangladesh Rice Research Institute, Gazipur-1701	05 to 09 November, 2017

Applications of Econometrics in Agricultural Research	Bangladesh Agricultural Research Council, Dhaka	10 to 14 March, 2019
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## LIST OF PUBLICATIONS

### a) Selected articles

1. Herrington, C. L., Maredia, M. K., Ortega, D. L., Taleon, V., Birol, E., Sarkar, M. A. R., & **Rahaman, M. S.** (2022). Rural Bangladeshi Consumers' (Un)Willingness to Pay for Low-milled Rice: Implications for Zinc Biofortification. *Agricultural Economics*, 00, 1–18. <https://doi.org/10.1111/agec.12739> ()
2. Rahman, M. C., **Rahaman, M. S.**, Biswas, J. C., Niaz Md. Farhat Rahman, N. M F., Mohammad Ariful Islam, M. A., Md Abdur Rouf Sarkar, M. A. R., Md Saiful Islam, M. S. & Maniruzzaman, M (2022). Climate change and risk scenario in Bangladesh. *Asia-Pacific Journal of Regional Science*. <https://doi.org/10.1007/s41685-022-00252-9>
3. Sarkar, M. A. R., Rahman, M. C., **Rahaman, M. S.**, Sarker, M. R., Islam, M. A., Balie, J., & Kabir, M. (2022). Adoption determinants of exotic rice cultivars in Bangladesh. *Frontiers in Sustainable Food Systems*, 6:813933. doi: 10.3389/fsufs.2022.813933
4. Islam, M. A., Sarkar, M. A. R., Rahman, M. C., & **Rahaman, M. S.** (2021). Comparative advantage of rice production in Bangladesh: A long-term quasi-response assessment for aman (wet) season. *Fundamental and Applied Agriculture*, 6(3), 279-290. <https://doi.org/10.5455/faa.82109>
5. Islam, M. A., Sarkar, M., Rouf, A., Rahman, M. C., & **Rahaman, M. S.** (2021). Assessing the Level of Comparative Advantage for the Boro Rice Production in Bangladesh: A Time Series Analysis. *Journal of Bangladesh Agricultural University*, 19(3), 361-370. <https://doi.org/10.5455/JBAU.69174>.
6. Rahman, M. C., Islam, M. A., **Rahaman, M. S.**, Sarkar, M. A. R., Ahmed, R., & Kabir, M. S. (2021). Identifying the Threshold Level of Flooding for Rice Production in Bangladesh: An Empirical Analysis. *Journal of the Bangladesh Agricultural University*, 19(2), 243-250. <https://doi.org/10.5455/JBAU.53297>.
7. Rahman, M. C., **Rahaman, M. S.**, Sarkar, M. A. R., & Islam, M. A. (2021). Spatial Co-integration and Speed of Adjustment among Rice Markets in Bangladesh. *Asian Journal of Agricultural Extension, Economics & Sociology*, 9-19. <https://doi.org/10.9734/ajaees/2021/v39i630588>.
8. **Rahaman, M. S.**, Sarkar, M. A. R., Kabir, M. J., Deb, L., Rahman, M. C., Islam, M. A., & Siddique, M. A. B. (2020). Assessing the Effectiveness of Rice Procurement Programme and Farmers' Profitability in some Selected Areas of Bangladesh. *Bangladesh Rice Journal*, 24(1), 31-46. <https://doi.org/10.3329/brj.v24i1.53238>.

9. **Rahaman, M. S.**, Haque, S., Sarkar, M. A. R., Rahman, M. C., Reza, M. S., Islam, M. A., & Siddique, M. A. B. (2021). A cost efficiency analysis of boro rice production in Dinajpur district of Bangladesh. *Fundamental and Applied Agriculture*, 6(1), 67-77. <https://doi.org/10.5455/faa.137178>.
10. **Rahaman, M. S.**, Kabir, M. J., Sarkar, M. A., Islam, M. A., Rahman, M. C., & Siddique, M. A. (2020). Factors affecting adoption of BRRI released Aus Rice varieties in Mymensingh District. *International Journal of Agricultural Economics*, 5(5), 210-217. doi: 10.11648/j.ijae.20200505.18
11. Limon, D., Sarkar, M. A. R., **Rahaman, M. S.**, & Siddique, M. A. B. (2020). Agricultural credit and profitability of MV Boro rice cultivation at farm level in some selected areas of Chapai Nawabganj district. *Journal of the Bangladesh Agricultural University*, 18(3), 667-673. <https://doi.org/10.5455/JBAU.99065>.
12. Islam, M. A., **Rahaman M. S.**, Sarkar M. A. R. and Rahman M. C. (2020). A time series analysis for supply response scenario of Food Grains in Bangladesh: The Quest of Structural Changes. *Journal of Agriculture, Food and Environment (JAFE)* 1(3), 6-13. <https://doi.org/10.47440/JAFE.2020.1302>.
13. **Rahaman, M.S.**, Sarkar, M.A.R., Rahman, M.C., Kabir, M.J., Islam, M.A. and Siddique, M.A.B. 2020. Drivers of Adoption of BRRI Cultivars in Boro Season Among Farm Households of Mymensingh District, Bangladesh. *Journal of Bangladesh Agricultural University*, 18(3): 660–666. <https://doi.org/10.5455/JBAU.102132>
14. **Rahaman, M. S.**, Kabir, M. J., Rahman, M. C., Sarkar, M. A. R., Islam, M. A., Salam, M. A., & Siddique, M. A. B. Adoption determinants and constraint of BRRI released Aman rice varieties: Evidence from Mymensingh District. *Journal of Bioscience and Agriculture Research*, 25(01), 2085-2097. <https://doi.org/10.18801/jbar.250120.255>.
15. **Rahaman, M.S.**, Haque, S., Sarkar, M. A. R., Sarker, M. R., & Siddique, M. A. B. (2019). The Role of Training, Extension and Education Facilities on Production Efficiency of Rice Growers in Dinajpur District of Bangladesh. *International Journal of Agricultural Science, Research and Technology in Extension and Education Systems*, 9(2), 91-98.
16. Kabir, M. J., Islam, M. A., Rahman, M. C., **Rahaman, M. S.**, Kabir, M. S., & Siddique, M. A. B. (2019). Diffusion of Wet Season (T. Aman) Rice Cultivars under Changed Environment in Northwest Bangladesh. *Bangladesh Rice Journal*, 23(1), 81-106. <https://doi.org/10.3329/brj.v23i1.46084>.
17. **Rahaman, M.S.**, Sarkar, M. A. R., Deb, L., Kabir, M. J., Sarker, M. R., Siddique, M., & Bakar, A. (2018). Economic investigation of BRRI dhan29 and hybrid rice production in Bangladesh: The case of Haor area. *International Journal of Natural and Social Sciences*, 5(1), 35-43.

18. Siddique, M. A. B., Sarkar, M. A. R., Rahman, M. C., Chowdhury, A., **Rahaman, M. S.**, & Deb, L. (2017). Rice farmers' technical efficiency under abiotic stresses in Bangladesh. *Asian Journal of Agriculture and Rural Development*, 7(11), 219-232. <https://doi.org/10.18488/journal.1005/2017.7.11/1005.11.219.232>.
19. Deb, L., Mian, M., Asaduzzaman, M., Mitul, S. S., & **Rahaman, M.S.** (2016). Socioeconomic Analysis of Different Categories of Farm in Selected Areas of Mymensingh, Bangladesh. *International Journal of Agricultural Science, Research and Technology in Extension and Education Systems*, 6(1), 29-36.
20. Hossain, M. R., Al-Amin, A. A., Acharjee, D. C., **Rahaman, M. S.**, Ahmed, M., & Khan, M. A. Changes in Biodiversity and its Impact on Agro-ecosystem in Some Selected Areas of Mymensingh District, Bangladesh. *IOSR Journal of Agriculture and Veterinary Science (IOSR-JAVS)*, Volume 8, Issue 12 Ver. II PP 35-40
21. Rahman, M. C., Hussain, C. N. B., Hossain, M. R., **Rahman, M. S.**, & Chowdhury, A. (2015). Comparative profitability and efficiency analysis of rice farming in the coastal area of Bangladesh: The impacts of controlling saline water intrusion. *IOSR Journal of Agriculture and Veterinary Science (IOSR-JAVS)*, 8(10), 89-97.
22. Shibli M. M. A., Kausar A. K. M. G., Islam M. S., **Rahaman M. S.**, and Parveen S. (2016). Crop diversification as a strategy for achieving food security: a study in Mymensingh district of Bangladesh. *Bangladesh journal of progressive science & technology*, 14(2): 036-042. ISSN: 2305-1809 (Online version)

#### b) Books

1. Kabir et al (2020) Harvesting of Boro Paddy in Haor Areas of Bangladesh: Interplay of Local and Migrant Labour, Mechanized Harvesters and Covid-19 Vigilance in 2020, 40 pages. BRRI, Gazipur 1701, Bangladesh

#### RESEARCH INTEREST

Agricultural Economics, Production Economics, Agricultural Finance, Agricultural Marketing, Agricultural Policy and Socio-economics

#### LANGUAGE PROFICIENCY

- Good communication skill both in Bengali and English.
- Medium of instruction was in English both in the Honors and Masters courses at university level.

#### SOFTWARE SKILLS

1. Econometric analysis using STATA, EViews, FRONTIER 4.1 and SPSS;
2. Data analysis and visualization using 'R' programming and Microsoft "PowerBI"

3. Knowledge on developing & deploying mobile survey data collection forms with “KoBoToolbox”.
4. Mapping on “ArcMap” and introductory knowledge about “Google earth engine” (GEE).

### **Professional affiliation**

1. Bangladesh Agricultural Economists Association (BAEA)
2. Bangladesh Economists Association (BEA)
3. Bangladesh Agricultural University Alumni Association
4. Krishibid Institution, Bangladesh (KIB).
5. Bangladesh Rice Research Institute Scientist Association (BRRISA), Bangladesh

### **REFERENCES**

Name and Address of two people who are not related by blood or marriage to whom a Reference may be made:

**Dr. Mohammad Jahangir Alam**  
Professor,  
Department of Agribusiness and Marketing  
Bangladesh Agricultural University,  
Mymensingh-2202  
E-mail: mjahangir.alam@bau.edu.bd  
Mobile No.: +8801799763274

**Dr. Sadika Haque**  
Professor,  
Department of Agricultural Economics  
Bangladesh Agricultural University,  
Mymensingh-2202  
E-Mail: sadikahaque@yahoo.com  
Mob.No.: +8801711931847

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



**Md. Shajedur Rahaman**