

## AIRIN RAHMAN, PhD

**Associate Professor** (Faculty of Agribusiness & Management; Sher-e-Bangla Agricultural University, Dhaka, Bangladesh)

&

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### Summary

- **12+ year's** professional experience at academic, research, and industry levels.
- Research interests: Corporate social responsibility, Risk management in agriculture, rural revitalization.
- Teaching experience in both undergraduate and postgraduate levels, **12+ courses**.
- Supervised >25 students (MBA/master) either as a direct supervisor or a co-supervisor.
- **24+ Publications, including 15+ SCI/SSCI.**

### Education

- 2015-2019 **Ph.D. in Agricultural Economics and Management**  
Dept. of Rural Finance, College of Agricultural Economics and Management  
Northwest A&F University, Yangling, Shaanxi, P.R. China, 712100  
**Dissertation Title:** Impact of microfinance program on rural livelihood development, women empowerment and financial risk management: A case in Shaanxi, China and Bangladesh
- 2008-2010 **Master in Agricultural economics**  
Department of Agricultural marketing  
Bangladesh Agricultural University, Mymensingh  
**Dissertation Title:** value chain analysis of mushroom cultivation in Bangladesh.
- 2004-2008 **Bachelor (with honors) in Agricultural Economics and rural sociology**  
Bangladesh Agricultural University, Mymensingh, Bangladesh.
- 1992-2004 Secondary School Certificate and Higher Secondary School Certificate.

### Area of Expertise

- **Main research area:** Financial management, Agricultural risk management and Rural Revitalization.
- **Specific research interests:**

- Corporate social responsibility
- Climate-smart agriculture and food security
- Rural revitalization

## Research Experience

2022/12-till date	<b>Postdoctoral Fellow</b> , School of Finance and Economics, Jiangsu University, China. <i>Responsibilities: conducting classes as supervisors associate; project writing and fund application; guiding postgraduate and PhD students; manuscript writing and publication.</i>
2015/09- 2019/12 (4.4 years)	<b>PhD</b> , Northwest A&F University <i>Responsibilities: Preparation of research proposal; preparation of analytical methods; writing thesis and publish SCI/SSCI article.</i>

## Professional Appointments

2019/12- Present	<b>Associate Professor (Full time)</b> , Dept of agribusiness & Marketing, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh. <i>Responsibilities: Teaching (undergraduate and postgraduate students); Masters, MBA Supervision; Research &amp; Publication; Grant application; International collaboration, Course module preparation as a senior academic council member, etc.</i>
2014/04- 2019/12	<b>Assistant Professor, (Full time)</b> , Dept of agribusiness & Marketing, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh <i>Responsibilities: Teaching (undergraduate and postgraduate students); Masters and MBA Co-Supervision; Research &amp; publication; Grant application; etc.</i>
2012/04- 2014/04	<b>Lecturer, (Full time)</b> , Dept of agribusiness & Marketing, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh. <i>Responsibilities: Course development; teaching and research; various extracurricular /administrative activities; etc.</i>
2010/12- 2012/04	<b>Probationary Officer, Human resource management department, BRAC Bangladesh,</b> <i>Responsibilities: Quality tests for microcredit giving employees, monitoring their activities and relationship with microcredit taker; attending various training session on livelihood indicators development; employee performance analysis; presenting report; etc.</i>

## Awards/Honors/Recognitions

2015	China Scholarship council award for pursuing doctoral degree
2010	2nd Merit Position in MSc, Bangladesh Agricultural university.
2007	Fourth Merit Position in BSc, Bangladesh Agricultural university

## Research Grants

1. National Social Science Fund General Project: “Research on the Coupling Coordination Mechanism of Corporate Social Responsibility and Economic Value from the Perspective of System Dynamics, (20BGL099)”; [working as co-PI and associate with postdoctoral supervisor]

2. National Natural Science Foundation of China: “Carbon Neutral Technology Innovation and Carbon Emission Reduction Incentive Mechanism in Key Industries, (72243005)”; [Working as Co-PI and associate with postdoctoral supervisor]
3. National Science & Technology (special) project awarded by the ministry of Science and Technology, Bangladesh: “Influence of risk management strategies on rice producers’ efficiency: An empirical study in Bangladesh, (SRG-221304)”. [Worked as PI]
4. Pilot Effect Evaluation, Operational Pattern, Supporting Policies of the Contracted Management of Farmland Mortgage Finance and the National Natural Science Foundation of China, Jan. 2016–Dec. 2019, grant no. 71573210. (Worked as assistant with PhD supervisor)
5. Postdoctoral Research Grant (General), China Postdoctoral Science Foundation (PI, 300K CNY project).

#### Professional Membership

2010-present	Lifetime Member, Bangladesh Agricultural Economic Association (BAEA)
2012-present	Bangladesh University Teachers Association Federation
2019-present	Academic council member, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh
2024-present	Honorary academic council member, Atish Dipankar University, Dhaka, Bangladesh

#### Editorial Role

2022-Present	Review Editor, Environment, Development and Sustainability
2023-Present	Review Editor, Frontiers in Psychology
2020-present	Review Editor, Environmental Science and Pollution research
2020-present	Review Editor, International Food and Agribusiness Management Review
2021-present	Review Editor, Journal of Cleaner Production

#### Publications:

**Total SCI/ISI-indexed publications:25+**

**With >53 IF and >700 citations**

1. Zhu N, Yang J, Rahman A. The impact of managerial myopia on corporate ESG reputation risk: moderating role of digitization. *Environ Dev Sustainability*. 2024.
2. Zhu N, Yang J, Rahman A, Sarker MNI, Afrin S, Afroj M, et al. Coping with climate change: an analysis of farmers' adoption behavior and its impact on production efficiency. *Environ Dev Sustainability*. 2024.
2. Yan, J., Zhou, H., Mu, J., Zhang, Y., & **Rahman, A.** (2022). The synergistic effect of carbon performance and technological innovation on corporate financial performance. *Frontiers in Psychology*, 13. doi:10.3389/fpsyg.2022.1060042(**SSCI, Q2, IF:4.2**)
3. Sarkar, A., Wang, H., **Rahman, A.**, Memon, W. H., & Qian, L. (2022). A bibliometric analysis of sustainable agriculture: based on the Web of Science (WOS) platform. *Environ Sci Pollut Res Int*, 29(26), 38928-38949. doi:10.1007/s11356-022-19632-x (**SCI, SCIE, Q1, IF:5.247**)
4. Wang, H., Sarkar, A., **Rahman, A.**, Hossain, M. S., Memon, W. H., & Qian, L. (2022). Research on the Industrial Upgrade of Vegetable Growers in Shaanxi: A Cross-Regional Comparative Analysis of Experience Reference. *Agronomy*, 12(1), 38. (**SCI, Q2, IF: 3.417**)
5. Sarkar, A., Wang, H., **Rahman, A.**, Abdul Azim, J., Hussain Memon, W., & Qian, L. (2021). Structural equation model of young farmers' intention to adopt sustainable agriculture: A case study in Bangladesh. *Renewable Agriculture and Food Systems*, 1-13. doi:10.1017/S1742170521000429 (**SCI, Q1, IF: 2.665**)
6. **Rahman, A.**, Islam, M.D.I., Zhu, N., Sauda, A.A., Afroj, M., Sarker, N. (2022). Factors influencing farmers' awareness and risk perception of environmental degradation in Bangladesh. *Polish Journal of Environmental Studies*, 31(2). doi:10.15244/pjoes/141344 (**SCI, Q2, IF: 1.669**)
7. Sarkar, A., Wang, H., **Rahman, A.**, Qian, L., & Memon, W. H. (2022). Evaluating the roles of the farmer's cooperative for fostering environmentally friendly production technologies-a case of kiwi-fruit farmers in Meixian, China. *J Environ Manage*, 301, 113858. doi:<https://doi.org/10.1016/j.jenvman.2021.113858> (**SCI, Q1, IF:6.789**)
8. Chen, Z., Sarkar, A., **Rahman, A.**, Li, X., & Xia, X. (2022). Exploring the drivers of green agricultural development (GAD) in China: A spatial association network structure approaches. *Land Use Policy*, 112, 105827. doi:<https://doi.org/10.1016/j.landusepol.2021.105827> (**SSCI, Q1, IF: 5.57**)

9. Tan, Y., Sarker, A., **Rahman, A.**, Qian, L., Hussain Memon, W., & Magzhan, Z. (2021). Does External Shock Influence Farmer's Adoption of Modern Irrigation Technology?- A Case of Gansu Province, China. *Land*, 10(8). doi:10.3390/land10080882 (**SSCI, Q2, IF:3.398**)
10. Islam, M. D. I., **Rahman, A.**, Sarker, M. S. R., Luo, J., & Liang, H. (2021). Factors affecting farmers' willingness to adopt crop insurance to manage disaster risk: evidence from Bangladesh. *International Food and Agribusiness Management Review*, 24(3), 463-479. doi:10.22434/ifamr2019.0190 (**SSCI, Q2, IF: 1.442**)
11. Shahriar, S., Qian, L., **Rahman, A.**, Hasan, M., Kea, S., & Muhammad Abdullahi, N. (2019). Youth Skill Development Loans (YSDL) and Good Governance in Bangladesh: A Logit Model Analysis. *Emerging Markets Finance and Trade*, 1-14. doi:10.1080/1540496X.2019.1594769 (**SSCI,Q2 IF:1.214**)
12. **Rahman, A.**, Jianchao, L., Adnan, K. M. M., Islam, M. D. I., Zhao, M., & Sarker, S. A. (2019). How indebted farmers perceive and address financial risk in environmentally degraded areas in Bangladesh. *Environmental Science and Pollution Research*. doi:10.1007/s11356-019-07374-2(**SCI, Q1,IF:3.05**)
13. Islam, M. D. I., **Rahman, A.**, Sarker, M. N. I., Sarker, M. S. R., & Jianchao, L. (2020). Factors Influencing Rice Farmers' Risk Attitudes and Perceptions in Bangladesh amid Environmental and Climatic Issues. *P31olish Journal of Environmental Studies*. doi:10.15244/pjoes/120365 (**SCI,Q2 IF:1.186**)
14. M. Islam and **A. Rahman**, "Value chain analysis of onion marketing in some selected areas of Pabna district", *International Journal of Research in Commerce and Management*, Vol. 6 (2015), Issue 11, November 2015, ISSN: 0976-2183
15. Sarker, M., Hossin, M., Wu, M., Alam, G. M., Shafi, M., Pervez, A. K. M., & **Rahman, A.** (2018). Determinants and Pattern of Urbanization and Counter-Urbanization: The Case of South Asia. *The Journal of Social Sciences Research*, 4, 802-812. doi:10.32861/jssr.412.802.812 (**EI**)  
ISSN: 2328-7543 (Print); ISSN: 2328-756X (Online)
16. M. Islam and **A. Rahman**, "Marketing margin of onion marketer's in some selected areas

of Pabna district”, International Journal of Commerce, Economics and Management, Vol. 5, Issue 11, November, 2015, ISSN: 2231-4245

17. **A. Rahman**, A.Z.A. Mukul, S.A. Anny, “A study on power loom business in some selected areas of Sirajganj district: it focuses on present scenario and future prospect”, International Journal of Business and Economics Research”, July 2014; 3(4), Science Publishing Group, doi: 10.11648/j.ijber.20140304.11, pp: 140-149, ISSN: 2328-7543 (Print); ISSN: 2328-756X (Online)
18. G. Rabbany, S. Afrin, **A. Rahman**, F. Islam, F. Haque, “environmental effects of tourism” , American Journal of Environment, Energy and Power Research, Vol. 1, No. 7, September 2013, pp: 117-130, ISSN: 2329-860X (Online)
19. M. Hasan, **A. Rahman**, S. Afrin, G. Rabbany, “Factors Influencing the Adoption of Mobile Banking Services in Bangladesh: An Empirical Analysis”, International Research Journal of Marketing, Vol. 2, Issue. 1, February 2014, Sciknow Publications Ltd., doi: 10.12966/irjm.02.02.2014; pp. 9-20.
20. G. Rabbany, **A. Rahman**, S. Afrin, F. Haque, F. Islam, “An Analysis of Cost of Production of Watermelon and Profitability at Gopalganj District in Bangladesh” European Journal of Banking and Finance, Vol. 10, ISSN (paper) 2668-3156 ISSN (online), 2013, Bell press publisher, UK, pp.102-112.
21. G. Rabbany, A. Mukul, S. Afrin, **A. Rahman**, “Level of Workers` Job Satisfaction at Jute Mills:A Case Study on Narshingdi District.”, International Journal of Research in Commerce & Management, Vol. 4, Issue.05, May 2013, Haryana, India, pp.112-115.
22. G. Rabbany, S. Afrin, **A. Rahman**, F. Salam, “Economic Modeling of the cost of Inputs for Rice Production: A Case Study on Bangladesh.”, International Journal of Research in Commerce, Economics & Management, Vol.3, Issue.05, May 2013, Haryana, India, pp.111-114.
23. **A. Rahman** and S. Raha, Value chain analysis of mushroom- in perspective of Bangladesh, 1<sup>st</sup> edn, Lambert Academic Publishing, Germany, 2012.
24. **A. Rahman** and S.K. Raha, “Mushroom cultivation in Bangladesh: is there prospect?” Economic Affairs, New Delhi Publishers, Vol. 56, No.3, September 2011, pp.307-

312.