

Mohammad Mainul Hoque

Research Associate

Charles H. Dyson School of Applied Economics and Management

Faculty Fellow, Cornell Atkinson Center for Sustainability

251a Warren Hall, Cornell University, Ithaca, NY 14853, USA

Email: mmh274@cornell.edu; mmahoq@gmail.com

Education

- Ph.D. in Economics, Aug. 2009 - July. 2015, Iowa State University, Ames, IA, USA.
 - Dissertation Title: "Essays on Natural Resources and Labor Economics"
- Master of Science in Economics, Aug. 2007-Dec. 2008, Iowa State University, Ames, IA, USA.
Awarded under Fulbright Fellowship Program
- Bachelor & Master of Social Science, Aug. 1999 - Dec. 2005, University of Dhaka, Dhaka, Bangladesh.

Research Interests

Applied Microeconomics: *Environmental and Resource Economics, Labor Economics, Development Economics; Impact Evaluation*

Employment

- Research Associate, Charles H. Dyson School of Applied Economics and Management, Cornell University, Ithaca, USA, *December, 2021 - Present*
- Research Fellow, Agriculture and Rural Development Division (ARDD), Bangladesh Institute of Development Studies (BIDS), Dhaka, Bangladesh, *2016-2021*.
- Pre-doctoral Associate, Center for Agricultural and Rural Development (CARD), Ames, Iowa, USA, 2014-2015.
- Graduate Assistant, Department of Economics, Iowa State University, Ames, Iowa, USA, 2009-2014.
- Research Associate, Bangladesh Institute of Development Studies (BIDS), Dhaka, Bangladesh, 2006-2015. (*Significant time is spent on study leave to pursue Masters and PhD program in USA*)

Peer Reviewed Publications

- Del Rossi, G., M. M. Hoque, Y. Ji, and C. L. Kling. "The Economics of Nutrient Pollution from Agriculture." *Annual Review of Resource Economics*, 15 (2023), pages 105-130.
- Orazem, P.F., E.M. King, M.M. Hoque, and C. E. Montenegro (2022). Education and Longevity. In: Zimmermann, K.F. (eds) *Handbook of Labor, Human Resources and Population Economics*. Springer, Cham. https://doi.org/10.1007/978-3-319-57365-6_290-1
- Hoque, Mohammad M., and M. Yunus. "Livelihood Diversity of Forcibly Displaced Rohingyas Encamped in Bangladesh." *The Bangladesh Development Studies*, 43:3/4 (2020), pages 77–119.
- Hoque, Mohammad M., J. Herriges, and C. L. Kling. "The Response of Recreation Demand to Recessionary Forces: Evidence from Local Lake Usage." *Land Economics*, 96:2(2020), pages 225-243. <https://doi.org/10.3368/le.96.2.225>

- Hoque, Mohammad M., E. M. King, C. E. Montenegro, and P. F. Orazem. "Revisiting the relationship between longevity and lifetime education: global evidence from 919 surveys." *Journal of Population Economics*, 32:2(2019), pages 551-589. <https://doi.org/10.1007/s00148-018-0717-9>
- Hoque, Mohammad M., G.M. Artz, D.H. Jarboe, and M. J. Bobby. "Producer Participation in Biomass Markets: Farm factors, Market Factors, and Correlated Choices." *Journal of Agricultural and Applied Economics*, 47:3(2015), pages 317-344. <https://doi.org/10.1017/aae.2015.9>
- Hoque, Mohammad M., and J.R. Schroeter. "Agricultural Trade Liberalization and Downstream Market Power: The Ad Valorem Case." *Journal of Agricultural & Food Industrial Organization*, 8:1(2010). <https://doi.org/10.2202/1542-0485.1311>
- Hoque, Mohammad M., and A. Razzaque. "Exchange Rate Pass-Through in Bangladesh's Export Prices: An Empirical Investigation." *The Bangladesh Development Studies*, 30:1 & 2 (2004). <http://www.jstor.org/stable/40795687>.

Working Papers

- Artz, G., Hoque, M., Orazem, P. F., and Shah, U. 2023. "Urban-Rural Wage Gaps, Inefficient Labor Allocations, and GDP per Capita", *under review*.
- Hoque, Mohammad M., Iqbal, K., and Roy, P. K. 2021. Impact of Floods on Education Outcomes: Evidence from Bangladesh Using Satellite and Census Data. *Working Paper*, BIDS, Dhaka.
- Hoque, Mohammad M., E. M. King, C. E. Montenegro, and P. F. Orazem. 2020. Life Expectancy at Birth and Lifetime Education and Earnings. Policy Research Working Paper; No. 9418. World Bank, Washington, DC. <https://openknowledge.worldbank.org/handle/10986/34556>.
- Chowdhury, Shyamal K.; Hoque, Mohammad Mainul; Rashid, Shahidur; and Bin Khaled, Muhammad Nahian. 2020. Targeting errors and leakage in a large-scale in-kind transfer program: The food friendly program in Bangladesh as an example. IFPRI Discussion Paper 1935. Washington, DC: International Food Policy Research Institute (IFPRI). <https://doi.org/10.2499/p15738coll2.133761>.
- Iqbal, K., T. Kenmei, Shonchoy, A. S., and Hoque, M. 2018. "Distributional impact of political violence: evidence from differential impacts on commodity price," IDE Discussion Papers 711, Institute of Developing Economies, Japan External Trade Organization (JETRO).
- Hoque, M. and C. Kling. 2016. "Economic Valuation of Ecosystem Benefits from Conservation Practices Targeted in Iowa Nutrient Reduction Strategy 2013: A Non-Market Valuation Approach." Working paper 16-WP 561. Center for Agricultural and Rural Development, Iowa State University. <https://www.card.iastate.edu/products/publications/pdf/16wp561.pdf>.

Selected Works in Progress

- Social Cost of Water Pollution in the US: An Integrated Assessment Model, with Catherine Kling, David Keiser, Daniel Phaneuf, Yongjie Ji, Tihitina Andarge, and Niles Shinde
- Evaluating state and federal policies supporting conservation and mitigating impacts on water quality in agriculture, with Catherine Kling, Anthony Ponce, Bonnie Keeler, and the TNC.
- Agricultural Nutrient Use, Water Quality in Lakes and Streams, and Property Values, with Yongjie Ji.
- Employment Generation Program for the Poorest and Household Wellbeing in Rural Bangladesh.

Teaching Experiences

Cornell University, Ithaca, NY, USA

Visiting Lecturer: Environmental and Resource Economics (AEM-6510), Jan-June, 2023, 2024.

Iowa State University, Ames, IA, USA

Instructor: Principles of Microeconomics (ECON 101), Summer 2013; Game Theory Sessions in Intermediate Microeconomics (ECON 301), Spring 2013; Game Theory and Rational Human Behavior, Precollegiate Programs for Talented and Gifted, Summer 2012

Teaching Assistant: Intermediate Microeconomics (ECON 301), Spring 2013; Principles of Microeconomics and Macroeconomics (ECON 101 & 102), Fall 2009 and Spring 2010; Economics of Discrimination (ECON 321), Fall 2010.

BRAC University, Dhaka, Bangladesh

Instructor: Intermediate Microeconomics II (ECON 208), Spring 2016

Ministry of Food, Government of Bangladesh, Dhaka, Bangladesh

Instructor: An 8-Hour Module on “Microeconomic Concepts and Tools for Food Policy Analysis”, 2017, 2018, 2019, & 2020.

Integrated Rural Development for Asia and the Pacific (CIRDAP), Dhaka, Bangladesh

Instructor: “Research Methodology and Report Writing”, In a Training program to Enhance the Analytical Skills of Govt. Officials in Bangladesh, November 2020, Dhaka, Bangladesh.

Presentations

2023: Agricultural and Applied Economics Association’s (AAEA) Annual Meeting, DC, USA

2021: Annual BIDS Conference on Development, Dhaka, Bangladesh; Association of Environmental and Resource Economists (AERE) Summer Conference, USA, *Virtual*.

2020: Agricultural and Applied Economics Association’s (AAEA) Annual Meeting, USA, *Virtual*; 39th Biannual Research and Training Workshop, The South Asian Network for Development and Environmental Economics (SANDEE) at the International Center for Integrated Mountain Development (ICIMOD) *Virtual*.

2019: 37th Biannual Research and Training Workshop, The South Asian Network for Development and Environmental Economics (SANDEE) at the International Center for Integrated Mountain Development (ICIMOD), Kathmandu, Nepal.

2018: BIDS Annual Research Almanac, Dhaka, Bangladesh; 3rd SANEM Annual Economists Conference, Dhaka, Bangladesh; 36th Biannual Research and Training Workshop, The South Asian Network for Development and Environmental Economics (SANDEE) at the International Center for Integrated Mountain Development (ICIMOD), Kathmandu, Nepal.

2017: BIDS Annual Critical Conversation, Dhaka, Bangladesh

2016: BIDS Annual Research Almanac, Dhaka, Bangladesh

2015: Association of Environmental and Resource Economists (AERE) Summer Conference, San Diego, CA, USA.

2014: Midwest Economic Association Annual Meeting, Illinois, USA; Southern Economic Association (SEA) Annual Meeting, Atlanta, GA, USA.

2013: Agricultural and Applied Economics Association's (AAEA) Annual Meeting, DC, USA; Human Resource Workshop in Department of Economics, Ames, IA, USA.

2012: Agricultural and Applied Economics Association's (AAEA) Annual Meeting, Seattle, WA, USA.

Languages

Bengali (native), English (excellent)

Statistical Packages

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Honors and Awards

- Professional Advancement Grant, Iowa State University
- AAEA (Agricultural and Applied Economics Association) Annual Meeting travel grant, August 2012
- Graduate Tuition Scholarship, 2009-2014, Iowa State University
- Fulbright Scholarship, 2007, to pursue a MS degree in Economics in the United States.
- Merit Scholarship, Government of Bangladesh.

Professional Membership

Agricultural & Applied Economic Association (AAEA), Association of Environmental and Resource Economists (AERE)

Review Service

Agricultural and Food Economics; Journal of Development Effectiveness; Journal of Asian Economics; Bangladesh Development Studies; Land Economics; Agricultural & Applied Economic Association (AAEA) Conference Abstracts; Association of Environmental and Resource Economics (AERE) Conference Abstracts; Annual Social Costs of Water Pollution Workshop; The South Asian Network for Development and Environmental Economics (SANDEE) Grant proposal.