January 2025

**Mohammad Mainul Hoque**

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## 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, 20062015. (S*ignificant 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), pages105-130.
* 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.](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.](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.](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 Nilesh 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.
* Creating a Sustainable Agricultural System in the Mississippi River Basin with Natural Infrastructure: The Economic Costs and Benefits, with Environmental Defense Fund
* Non-market valuation of bird species and richness in the US applying revealed preference method., with Catherine Kling, Wendong Zhang, Anthony Ponce, Yuhui Zhao, Luc Esprabens, and Lab of Ornithology.
* Agricultural Nutrient Use, Water Quality in Lakes and Streams, and Property Values, with Yongjie Ji.

# Grants and Contracts Awarded

# EDF and Cornell Atkinson Center, “Creating a Sustainable Agricultural System in the Mississippi River Basin with Natural Infrastructure: The Economic Costs and Benefits”, 2024-2025. $100,000.

# The South Asian Network for Development and Environmental Economics,” Impact of Natural Disaster on Education Outcomes: Evidence from Bangladesh”, 2018-2020. $30,000.

# Teaching Experiences

### Cornell University, Ithaca, NY, USA

Visiting Lecturer**:** Environmental and Resource Economics (AEM-6510), Spring, 2023, 2024, 2025.

### 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

**2024**: Association of Environmental and Resource Economists (AERE) Summer Conference, DC, USA; 7th Annual Social Cost of Water Pollution Workshop

**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.

## Languages

Bengali (native), English (excellent)

## Statistical Packages

Stata and R

## 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

Association of Environmental and Resource Economists (AERE)

## Review Service

Agricultural and Food Economics; Journal of Development Effectiveness; Land Economics; Journal of Asian Economics; Bangladesh Development Studies; 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.