

September 10, 2024

Aparna Howlader

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Academic Appointments

Assistant Professor, Department of Business and Data Science, Chatham University, Pittsburgh, August 2022-

Postdoctoral Associate, Department of Environmental and Natural Resource Economics, University of Rhode Island, Oct 2021 - July 2022

Postdoctoral Associate, The Eviction Lab, Princeton University, Sep 2019 - Sep 2021

Fields of Interest

Environmental and Natural Resource Economics, Development Economics, Economic History

Education

Ph.D. in Agricultural and Applied Economics, University of Illinois at Urbana-Champaign, 2013 - 2019.

M.A. Economics, Simon Fraser University, Vancouver, Canada 2011-2013.

M.S.S. Economics, University of Dhaka, 2009-2010.

B.S.S. Economics, University of Dhaka, 2005-2009.

Research

Publications

6. **Howlader, A.** 2024. "Environmental Recovery from the Dust Bowl: Implication of Land Policies in the Great Plains (1930-1980)" (*Journal of the Association of Environmental and Resource Economists*) 11:2, 403-449 Online: doi.org/10.1086/726154
5. **Howlader, A.** 2023. "Determinants and Consequences of Agroforestry: Historical Evidence from the Great Plains Shelterbelt Project" (*Land Use Policy*) DOI: <https://doi.org/10.1016/j.landusepol.2023.106785>
4. **Howlader, A.** 2023. Bureaucratic competition and provision of public goods and services: the consequences of inter-agency conflict on agricultural land conservation. *Journal of Environmental Planning and Management*, pp.1-23. DOI: 10.1080/09640568.2023.2175647
3. **Howlader, A.,** Ando, A.W. "Consequences of Protected Areas for Household Forest Extraction, Time Use, and Consumption: Evidence from Nepal." *Environmental and Resource Econ* 75, 769-808 (2020). <https://doi.org/10.1007/s10640-020-00407-2>

2. Ando, A.W., J. Fraterrigo, G. Guntenspergen, **A. Howlader**, M. Mallory, J. Olker, and S. Stickley. 2018. "How much can portfolio theory reduce climate risk to future conservation outcomes, and when does it work best?" *Conservation Letters*, e12596.
1. Ando, A.W., **A. Howlader**, and M. Mallory. 2018. "Diversifying to reduce conservation outcome uncertainty in multiple environmental objectives." *Agricultural and Resource Economics Review*. <https://doi.org/10.1017/age.2018.7>.

Working Papers

- Howlader, A.** & Li, Liqing. "Persistent and Immediate Effects of Land Retirement on Labor Market and Land Tenure: Evidence from Historical Conservation Reserve Program in the U.S." (Submitted)
- Christopher Sichko, Ariell Zimran, and **Aparna Howlader**. "Environmental Migration and Race during the Great American Drought, 1935–1940" (R & R at AJAE)
- Howlader, A.** "Local Institutions, Resource Management, and Climate Resilience: Implication of post-Dust Bowl institutional changes on American agriculture (1937 - 2000)"
- Howlader, A.** "Consequences of the Green Revolution on Local Economy, Labor Market, and Job Loss: Evidence from Bangladesh" (Submitted)
- Howlader, A.** "Rural-Urban Variation in Housing Inequality and Social Efficacy" (R & R at Housing and Society)

Work in Progress

- Suburban Growth Patterns: Analyzing Land Use Changes in Pennsylvania Municipalities (1930-2000) (with Malabika Koley)
- Howlader, A. "Environmental Effects of Marginal Land Conversion: Evidence from 100 Years of Experience in the Bengal Delta"
- Howlader, A. "Long-term Effect of Civilian Conservation Corps on Economic Development and Environmental Quality: Evidence from Municipalities-level data from Pennsylvania"
- Howlader, A. "Decoding Polycentric Governance: Text Analysis of Conservation District Annual Reports Using Natural Language Processing"

Honors, Awards, & Fellowships

- Research Grant, Chatham University (college-wide) (\$1700)
- Departmental Dissertation Travel Grant, Spring 2018 (\$600)
- Economic History Association Pre-Dissertation Travel Grant, 2017 (\$2400)
- Outstanding Doctoral Student, Department of ACE, UIUC, Spring 2017
- Data Purchase Program Grant, University of Illinois, 2017-2018
- Dorothy Fay Dunn and Leah Dunn Linse Fellowship, University of Illinois, 2013-2014
- Merit Scholarship for Academic Excellence, Department of Economics, University of Dhaka, 2006-2010

Academic Experience

Department of Business and Entrepreneurship at Chatham University

Instructor: Principles of Microeconomics (Fall, 2022-Present), Principles of Macroeconomics (Fall, 2022; Spring 2023), Economics of Public Policy (Fall 2022), Environmental Economics (Spring 2023, Spring 2024); Economic Development (Fall, 2023); Managerial Economics (Fall, 2023); Data Science Ethics (Spring 2024)

Department of Agricultural and Consumer Economics, University of Illinois at Urbana-Champaign

Teaching Assistant: Agricultural & Consumer Economics (ACE 100); Fall 2014, Fall 2016, Fall 2017, Spring 2018, Fall 2018, Spring 2019

Research Assistant: Supervisors: Amy W. Ando & Mindy L. Mallory, Fall 2014-Summer 2019
Project: Spatial Conservation and Investment Portfolios to Manage Climate-Related Risk, National Science Foundation

Department of Economics, Simon Fraser University

Teaching Assistant: Intermediate Microeconomics, Principal of Microeconomics, Industrial Organization, Economics of Crime, Labor Economics

Pre-Doctoral Research Experience

Research Assistant, Economic Research Group, Dhaka, Bangladesh, April 2011 - July 2011
Project: A Decision Support Tool for Government Engagements in Market for Essentials: the case of Food grains in Bangladesh

Research Assistant, Institute of Microfinance, Dhaka, Bangladesh, October 2010 - March 2011
Project: Effectiveness of PRIME Interventions in Greater Rangpur at the Household level and Institutional level: A Longitudinal Approach

Invited Talks

2022: emLab UCSB, Chatham University, Ulster University

2021: College of Wooster, Indian Institute of Technology (Kanpur), University of British Columbia, Cornell College, University of Nebraska-Lincoln, Prince of Songkla University (Phuket, Thailand), University of Rhode Island, Texas State University

Conference Presentations

2024: Agriculture Policy Research Group Conference, New Orleans; Agricultural Policy, Economics, and Diverse Farms and Farmers (Virtual Conference); Society for Institutional & Organizational Economics (SIOE) Conference, University of Chicago; US Society for Ecological Economics conference, New York; Southern Economic Association, Washington DC; WINIR Conference, Pittsburgh

2023: AERE Annual Conference, Maine; Heartland Environmental and Resource Economics Workshop, Illinois

2021: Southern Economic Association, Texas; AERE Annual Conference (Online); Economic History Association Annual Conference; AAEA Annual Conference

2020: Midwest Economic Association (AERE session, cancelled), Illinois; Agriculture Policy Research Group Conference, New Orleans; AERE Annual Conference, Florida (2 Papers); AAEA Annual Conference, Kansas (2 Papers)

2019: Applied Economics, Regional and Urban Studies (AERUS), Urbana, Illinois; Annual Cliometric Conference, Columbus, Ohio; Economic History Association Annual Conference, Atlanta, Georgia; Southern Economic Association, Florida

2017: AERE Annual Conference, Pittsburgh

2016: AERE Annual Conference, Colorado; AAEA Annual Conference, Boston; Southern Economic Association Annual Conference, Washington; Applied Economics, Regional and Urban Studies (AERUS), Urbana, Illinois

Professional Activities

Referee: Journal of the Association of Environmental and Resource Economists Frontiers (JAERE), Conservation Letters, American Journal of Agricultural Economics (AJAE \times 4), Journal of Agricultural and Resource Economics, Applied Economic Perspectives & Policy, Journal of the Agricultural and Applied Economics Association (JAAEA), Frontiers in Forests and Global Change

University Service: Institutional Review Board (IRB); Office of Research & Sponsored Programs (ORSP) Faculty Advisory Committee

Abstract Reviewer, AAEA Conference, 2020-

Secretary/Treasurer, Committee on Women in Agricultural Economics, AAEA (2020-2021)

I-Promise mentor, University of Illinois, 2018-2019

Organizing Committee, Ninth annual Midwest Graduate Student Summit on Applied Economics, Regional, and Urban Studies (AERUS), 2016

Graduate Student Organizer, program in Environmental and Resource Economics (pERE), Fall 2016

Miscellaneous

Language: Bengali (Native), English (Fluent)

Computer Skills: R, STATA, \LaTeX , ArcGIS, Qualtrics Survey Design

Affiliations: Agricultural and Applied Economics Association (AAEA), Association of Environmental and Resource Economists (AERE), Economic History Association (EHA), American Economic Association (AEA).

References

Prof. Amy W. Ando
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Department of AEDE
Ohio State University
University Fellow, Resources for the Future
Email: ando.21@osu.edu
Phone: (217) 333-5130

Prof. Hope C. Michelson
Associate Professor
Department of Agricultural and Consumer Economics
University of Illinois at Urbana-Champaign
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Phone: (217) 300-9669

Prof. Mark H. Haney
Clinical Associate Professor of Business Administration
Katz Graduate School of Business and College of Business
University of Pittsburgh
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Prof. Mindy L. Mallory
Associate Professor & Clearing Corporation Chair of
Food and Agricultural Marketing
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Purdue University
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