

December 25, 2024

Aparna Howlader

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Academic Appointments

Assistant Professor of Economics, School of Business and Entrepreneurship, 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.** "Local Institutions, Natural Resource Management, and Economic Development: Implication of post-Dust Bowl Institutional Changes on American Agriculture"
- Howlader, A.** "Consequences of the Green Revolution on Local Economy, Labor Market, and Job Loss: Evidence from Bangladesh" (R & R at AEPP)
- Christopher Sichko, Ariell Zimran, and **Aparna Howlader**. "Environmental Migration and Race during the Great American Drought, 1935–1940" (R & R at AJAE)
- 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)
- Howlader, A.** "Rural-Urban Variation in Housing Inequality and Social Efficacy" (R & R at Housing and Society)
- Howlader, A.** "The Environmental and Employment Trade-offs of Conservation Programs: Evidence from the Civilian Conservation Corps (1933-2000)"

Work in Progress

- "Suburban Growth Patterns: Analyzing Land Use Changes in Pennsylvania Municipalities (1930-2000)" (with Malabika Koley)
- "Impact of Dust Bowl Migrant Camps on Migration Patterns: Evidence from the Resettlement Administration" (with Jhih-Yun Liu)
- "Return Migration in the Great Plains: The Aftermath of World War II" (with Jhih-Yun Liu)
- "The Impact of Dust Bowl Migration on Land Use Changes" (with Jhih-Yun Liu)
- Howlader, A. "Environmental Effects of Marginal Land Conversion: Evidence from 100 Years of Experience in the Bengal Delta"
- Howlader, A. "Decoding Polycentric Governance: Text Analysis of Conservation District Annual Reports Using Natural Language Processing"
- Howlader, A. "Determinants of Land Acquisition for Conservation During the New Deal Era"

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

School 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; Fall 2024), Environmental Economics (Spring 2023, Spring 2024); Economic Development (Fall, 2023); Managerial Economics (Fall, 2023; Fall 2024); Data Science Ethics (Spring 2024); Econometrics (Spring 2025)

Advisor: 25 students in Economics, Data Science

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

2025: ASSA (Invited Discussant, Scheduled)

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 x 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)

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, L^AT_EX, 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
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Phone: (217) 333-5130

Prof. Hope C. Michelson
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Department of Agricultural and Consumer Economics
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Prof. Mark H. Haney
Clinical Associate Professor of Business Administration
Katz Graduate School of Business and College of Business
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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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