

Aparna Howlader

University of Illinois at Urbana-Champaign
Agricultural and Consumer Economics
326 Mumford Hall
1301 W. Gregory Drive
Urbana, IL 61801, USA

Phone: +1 (217) 778-8754
Email: howlade2@illinois.edu
Homepage: www.aparnahowlader.com

Education

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

Dissertation Title: Three Essays on the Relationship between Land Conservation and Economic Development

Committee: Amy W. Ando (Adviser, Chair), Mindy L. Mallory, Hope C. Michelson, and Dominic Parker (University of Wisconsin-Madison).

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

Thesis Title: Short-run and long-run impact from the Million Baht Program in Thai villages

Committee: Alexander K. Karaivanov (Chair), Krishna Pendakur, Stephen T. Easton

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

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

Fields of Interest

Environmental and Natural Resource Economics, Development Economics, Economic History, Applied Econometrics

Research

Publications

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.

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., & Ando, A.W. 2019. "Consequences of Protected Areas for Forest Extraction and Human Well-being: Evidence from Nepal" (R&R at Environmental and Resource Economics, 2019)

"Retrieval from the Dust Bowl: Implication of Land Conservation Programs in the Great Plains (1930-1980)"

Howlader, A. "Understanding the Formation of Local Environmental Institutions: Historical Evidence from Soil Conservation Districts"

Howlader, A. "Effect of Commodity Market on Private Farmland Conservation and Ecological Heterogeneity: Evidence from Past using the Great Plains Shelterbelt Project"

Work in Progress

Howlader, A. "The Role of Local Institutions in Climate Resilience: Historical Evidence from Soil Conservation Districts in the Post-Dust Bowl Great Plains Region"

Howlader, A. & Michelson, H. 2019. "Institutional Change and Environmental Degradation: Evidence from Smallholder Tobacco Farming in Sub-Saharan Africa"

Ando, A.W., J. Fraterrigo, G. Guntenspergen, **A. Howlader**, M. Mallory, J. Olker, and S. Stickley. 2018. "Multiple Objective Conservation Portfolio Optimization for Varied Objective Correlation Types"

Scientific Software

Conservation Portfolio, An open-source R package for site selection under climate risk (in progress)

Honors, Awards, & Fellowships

Departmental Dissertation Travel Grant, Spring 2018 (\$600)

Economic History Association Pre-Dissertation Travel Grant, 2017 (\$2400)

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 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 (Econ 301); Fall 2011

Teaching Assistant, Principal of Microeconomics (Econ 101); Spring 2012

Teaching Assistant, Industrial Organization (Econ 325); Summer 2012

Teaching Assistant, Economics of Crime (Econ 448W); Fall 2012

Teaching Assistant, Labor Economics (Econ 381); Spring 2013

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

Conference Presentations

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

2018: Southern Economic Association Annual Conference (AERE Session), Washington

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, Conservation Letters

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

Ph.D. Representative, Course and Curriculum Committee, Department of Agricultural and Consumer Economics, University of Illinois, 2017

Ph.D. Representative, Initial Program Planning Committee, Department of Agricultural and Consumer Economics, University of Illinois, 2016

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

Organizational Assistant; Heartland Environmental and Resource Economics Workshop at Illinois (2013, 2014, 2016, 2018), Annual International Food Security Symposium at Illinois (2016, 2017), Undergraduate Recruitment Fair at AAEA (2016), Machine Learning: Farm-to-Table Workshop (2017), AFRI Foundational Program RFA Workshop (2017)

Workshops attended

Research Design for Causal Inference : Advanced Workshop, Northwestern University, 2018

New Opportunities for Environmental Measurement, Pre-conference workshop, AERE, 2017

The 'How-To' of Experimental Economics in Agricultural, Environmental and Applied Research, Pre-conference Workshop, AAEA, 2016

Miscellaneous

Language: Bengali (Native), English (Fluent)

Computer Skills: R, STATA, \LaTeX , ArcGIS

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 (Chair)
Professor
Department of Agricultural and Consumer Economics
University of Illinois at Urbana-Champaign
University Fellow, Resources for the Future
Email: amyando@illinois.edu
Phone: (217) 333-5130

Prof. Hope C. Michelson
Assistant Professor
Department of Agricultural and Consumer Economics
University of Illinois at Urbana-Champaign
Email: hopecm@illinois.edu
Phone: (217) 300-9669

Prof. Alex Winter-Nelson
Professor
Department of Agricultural and Consumer Economics
University of Illinois at Urbana-Champaign
Director of ACES Office of International Programs
Email: alexwn@illinois.edu
Phone: (217) 244-1381