

Hongxing Liu

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ACADEMIC POSITIONS **Assistant Professor** Department of Economics
Lafayette College, Easton, PA 2017 – now
Graduate Associate Department of AED Economics
The Ohio State University, Columbus, OH, USA 2013 – 2017

EDUCATION **Ph.D.** in Agricultural, Environmental, and Development Economics
The Ohio State University 2012 – 2017
M. S. in Agricultural, Environmental, and Development Economics
The Ohio State University 2012 – 2014
B. A. in Marine Economics, Ocean University of China 2008 – 2012

PEER-REVIEWED PUBLICATIONS (Student co-author indicated by *)

7. Long, D., **Liu, H.**, and Nayga, R.. “Polarization in environmental donations – application to deforestation prevention donation”, *Land Economics*, [forthcoming]
6. **Liu, H.**, Gomez-Minambres, J., and Qi, D. 2022. “Menu-Dependent Food Choices and Food Waste”, *Resources, Conservation & Recycling*, 176, 105919.
5. Vörösmarty, C., Stewart-Koster, B., Green, P., Boone, E., Flörke, M., Fischer, G., Wiberg, D., Bunn, S., Bhaduri, A., McIntyre, P., Cosgrove, W., Sadoff, C., **Liu, H.**, and Stifel, D.. 2021 “A Green-Gray Path to Global Water Security and Sustainable Infrastructure” *Global Environmental Change*, 70, 102344.
4. **Liu, H.**, Zhang, W., Irwin, E., Kast, J., Aloysius, N., Martin, J., and Kalcic, M., 2020, “Best Management Practices and Nutrient Reduction: An Integrated Economic-Hydrologic Model of Western Lake Erie Basin”, *Land Economics*, 96 (4), 510-530.
3. Duke, J., **Liu, H.**, Monteith, T., McGrath, J., and Fiorellino, N., 2020, “A New Method for Predicting Participation in a Performance Based Water Quality Trading Program”, *Ecological Economics*, 177, 106762.
2. **Liu, H.**, Ruebeck, C., 2020, “Knowledge Spillover and Positive Environmental Externality in Agricultural Decision Making under Performance-based Payment Programs”, *Agricultural and Resource Economics Review*, 49 (2), 270-290.
winner of ARER Best Article Award
1. **Liu, H.**, Gopalakrishnan, S., Browning, D., and Sivandran, G., 2019, “Valuing Water Quality Change Using a Coupled Economic-Hydrological Model”, *Ecological Economics*, 161, 32-40 .

OTHER PEER-REVIEWED PUBLICATIONS

2. Book chapter “An introduction to non-market valuation and its applications to the Lehigh Gap Restoration”, with Zhou, Z..* Forthcoming

1. Liu H., Ruebeck C.S. (2021) Externalities, Spillover Effects, and Implications for Payment-for-Performance Programs. In: Ahrweiler P., Neumann M. (eds) *Advances in Social Simulation. ESSA 2019. Springer Proceedings in Complexity*. Springer, Cham. https://doi.org/10.1007/978-3-030-61503-1_32

WORKING PAPERS

- “Are there welfare gains from spatially targeted policies in a heterogeneous landscape?”, with Gopalakrishnan, S.. Under review

WORK IN PROGRESS

- “Economic valuation of the Bushkill dam removal and ecological restoration”, with Rothenberger, M.
- “Reverse Property Right: Agricultural Nutrient Runoff Credit Trading System”, with Zhang, W., and Irwin, E.

INVITED TALKS

- Auburn University, Oct. 2020. “Menu-Dependent Food Choices and Food Waste”
- Smith College, Oct. 2020. “Menu-Dependent Food Choices and Food Waste”
- Penn State University, Nov. 2020. “Best Management Practices and Nutrient Reduction: An Integrated Economic-Hydrologic Model of Western Lake Erie Basin”

CONFERENCE AND WORKSHOP (2017-)

(Based on peer reviewed selection of abstracts and paper drafts. Presented by Liu unless otherwise mentioned)

- Northeastern Agricultural and Resource Economics Association (NAREA) Annual Meeting, June 13 - 15, 2021, virtual meeting. Presented by Dede Long and Christopher Ruebeck for 2 papers
- Fourth Annual Social Cost of Water Pollution Workshop, April 21-23, 2021, virtual meeting.
- Eastern Economic Association (EEA) 2021 Annual Meetings, Feb. 25-28, 2021, virtual meeting.
- Southern Economic Association (SEA) 90th Annual Meetings, November 21-23, 2020, virtual meeting.
- Northeastern Agricultural and Resource Economics Association (NAREA) Annual Meeting, June 15 - 16, 2020, virtual meeting.
- 2020 Integrated Assessment Models (IAM) on Social Cost of Water Pollution Workshop (canceled due to Covid-19).
- 2019 North American Economic Science Association (ESA) Meeting, Oct 11-13, Los Angeles, California.
- Heartland Environmental and Resource Economics Workshop at Illinois, September 28-29, 2019, Urbana-Champaign, IL.
- Social Simulation Conference, September 23-27, Mainz, Germany. Presented by Christopher Ruebeck.
- Agricultural and Applied Economics Association (AAEA) Annual Meeting, July 21-23, 2019, Atlanta, GA. Presented by Wendong Zhang.
- Northeastern Agricultural and Resource Economics Association (NAREA) Annual Meeting, June 9-12, 2019, in Portsmouth, NH. (3 papers)

- Integrated Assessment Models (IAM) on Social Cost of Water Pollution Workshop, April 3-5, 2019, Ithaca, NY.
- Southern Economic Association (SEA) 88th Annual Meetings, November 18-20, 2018, Washington, D.C.
- Agricultural and Applied Economics Association (AAEA), August 5th-7th, 2018, Washington, D.C. (2 papers)
- World Congress of Environmental and Resource Economists (WCERE), June 25-29, 2018, Gothenburg, Sweden. Presented by Elena Irwin.
- Northeastern Agricultural and Resource Economics Association (NAREA) Annual Meeting, June 10 - 12, 2018, Philadelphia, PA. (2 papers)
- Integrated Assessment Models and the Social Costs of Water Pollution, Iowa State University, April 15-17, 2018, presented by Elena Irwin
- Heartland Environmental and Resource Economics Workshop at Illinois, September 30 – October 1st, 2017, Urbana-Champaign, IL
- Association of Environmental and Resource Economists (AERE) Annual Summer Conference, May 31 - June 2nd, 2017, Pittsburgh, PA
- Annual Meeting of the Midwest Economics Association (MEA), March 31 - April 2nd, 2017, Cincinnati, OH

GRANT

- Walter A, '59 and Catherine R. Scott Research Fellowship at Lafayette College

AWARDS

- 2020 ARER Best Article Award
- 2018-19 Lafayette College Athletics Faculty All-Star award

TEACHING

- ECON 251 Intermediate Microeconomics
- ECON 340: Environmental and Resource Economics
- ECON 408: Cost-benefit Analysis

PROFESSORIAL ACTIVITIES

- AERE Scholars Program (2021 - now)
- AEA CESCWEP CeMENT mentoring program (2021 - now)
- Contributor to the Dictionary of Ecological Economics, to be published by Edward Elgar Press.
- AAEA annual conference abstract reviewer (2021)
- NAREA annual conference abstract reviewer (2021)
- Chair of NAREA Committee (2020 - now)
- PLACES workshop, 2020
- NAREA Scholar's Circle Program (2020 - now)
- Chair of NAREA communications committee (2019 - now)
- Fellow of the NAREA Career Advancement and Mentorship (CAM) Program (2019-2021)

REFeree SERVICES

Land Economics, Journal of Environmental Planning and Management, Eastern Economic Journal, Water Resources Research, and Journal of Hydrology

**ACADEMIC
AFFILIATION**

Northeast Agricultural and Resource Economics Association (NAREA)
Association of Environmental and Resource Economists (AERE)
Agricultural and Applied Economics Association (AAEA)
Economic Science Association (ESA)
Southern Economic Association (SEA)

SKILLS

Proficient in STATA, ArcGIS, Mathematica, SAS, and Matlab, working knowledge of SWAT and R.