

Lusi Xie

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Department of Applied Economics and Statistics
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Research Fields

Environmental valuation, Experimental and behavioral economics, Applied econometrics

Appointments

Postdoctoral Researcher	2021 – Present
Center for Experimental and Applied Economics (CEAE), University of Delaware	
Water in the Changing Coastal Environment in Delaware (Project WiCCED)	
Center for Behavioral and Experimental Agri-Environmental Research (CBEAR)	
Research Assistant	2017 – 2020
Department of Resource Economics and Environmental Sociology, University of Alberta	
Survey Researcher	2015
University of California Cooperative Extension	
Research Assistant	2014 – 2015
Department of Agricultural and Resource Economics, University of California, Davis	

Education

Ph.D. in Agricultural and Resource Economics	2021
University of Alberta, Edmonton, Alberta, Canada	
<i>Dissertation:</i> Three Essays on Behavior, Incentives, Environmental Valuation, and Contributions to Conservation	
<i>Dissertation Committee:</i> W.L.(Vic) Adamowicz (Chair), Ellen Goddard, Sandeep Mohapatra, Maik Kecinski	
M.S. in Agricultural and Resource Economics	2014
University of California, Davis, Davis, CA, USA	
B.A. in Economics	2013
Sun Yat-sen University, Guangzhou, Guangdong, China	

Peer-Reviewed Publications

Xie, L., W. Adamowicz, and P. Lloyd-Smith. "Spatial and Temporal Responses to Incentives: An Application to Wildlife Disease Management" *Journal of Environmental Economics and Management* (Forthcoming)

Xie, L., W. Adamowicz. "Temporal Reliability of Contingent Behavior Trip Data in Kuhn-Tucker Recreation Demand Models" *Land Economics* (Forthcoming, May 2023)

Messer, K.D., D. Ganguly, and L. Xie. "Applications of Behavioral Economics Related to the Environment and Climate Change" Commissioned Paper for the National Academy of Sciences Committee on *Future Directions for Applying Behavioral Economics to Policy*, *the National Academies Press* (Forthcoming)

Xie, L., W. Adamowicz, M. Keciniski, and J.R. Fooks. 2022. "Using Economic Experiments to Assess the Validity of Stated Preference Contingent Behavior Responses" *Journal of Environmental Economics and Management* 114:102659

Pattison-Williams, J.K., **L. Xie**, W. Adamowicz, M. Pybus, and A. Hubbs. 2020. "An Empirical Analysis of Hunter Response to Chronic Wasting Disease in Alberta" *Human Dimensions of Wildlife*. 25 (6), 575-589

Working Papers and Research in Progress

Xie, L., W. Adamowicz, and M. Keciniski. "Incentives for Impure Public Good Contributions and Motivational Crowding: Evidence from Laboratory and Framed Field Experiments" (Under review, *Journal of the Association of Environmental and Resource Economists*)

Savchenko, O.M., L.H. Palm-Forster, **L. Xie**, R. Rahman, and K.D. Messer. "Encouraging Pro-environmental Behavior: Do Testimonials by Experts Work?" (Under review, *PLOS ONE*)

Xie, L., K.D. Messer, L.H. Palm-Forster, M. Masters, and H. Michael. "Buying Back Irrigation Water for Endangered Species Protection: Evidence from a Laboratory Experiment and a High-Stakes Field Experiment with Farmers " (Working paper)

Palm-Forster, L.H., M. Taylor, S. Banerjee, and **L. Xie**. "Enrollment of Leased Cropland in Agri-environmental Programs" (In preparation)

Tong, Q. and **L. Xie**. "Behavioral Interventions to Increase Farmers' Acceptance of Climate-smart Agriculture Services: Evidence from China" (Data analysis)

Xie, L. and L.H. Palm-Forster. "Common Pool Resource Use in the Presence of Behavior Heterogeneity and Groundwater Model Dynamics: The Case of Saltwater Intrusion in Delaware" (Research design)

Teaching Experience

Department of Applied Economics and Statistics, University of Delaware

Co-instructor

Power Analysis Workshop (graduate, 7 students)	2021
Experimental Economics (graduate, 7 students)	2022

Guest Lecturer

Experimental Economics (graduate, 7 students)	2021 – 2022
Conducting Applied Economics Research (graduate, 7 students)	2021 – 2022

Teaching Assistant

Experimental Economics (graduate, 7 students)	2021
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Department of Resource Economics and Environmental Sociology, University of Alberta

Guest Lecturer

Food Market Analysis (undergraduate, 40 students)	2018
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Teaching Assistant

Economic Valuation of Ecosystem Services (graduate, 10 students, overall rating: 4.8/5)	2019 – 2020
Current Economic Issues for Agriculture and Food (undergraduate, 110 students)	2017
Statistical Analysis (undergraduate, 40 students)	2016

Department of Agricultural and Resource Economics, University of California, Davis

Teaching Assistant

Personal Finance (undergraduate, 130 students)

2013

Student Mentorship and Advising

Madison Czerniawski, M.S., University of Delaware (*Committee member*)

Caroline Johnson, M.S., University of Delaware (*Committee member*)

Carl Nelson-Poteet, Undergraduate Research Intern, University of Delaware (*Mentor*)

Kayla McKinley, Undergraduate Intern, Delaware State University (*Mentor*)

Presentations

Department of Applied Economics and Statistics, University of Delaware (scheduled), Canadian Resource and Environmental Economics Association Annual Conference, Saskatoon, Canada; Project WiCCED Fall Seminar, Webinar; Agricultural & Applied Economics Association Annual Meeting, Anaheim, USA 2022

European Association of Environmental and Resource Economists Conference, Virtual; CREEA | ACERE 7th Canadian PhD and Early Career Workshop in Environmental and Resource Economics, Virtual; Association of Environmental and Resource Economists Conference, Virtual 2021

Department of Resource Economics and Environmental Sociology, University of Alberta, Webinar; Center for Experimental and Applied Economics, University of Delaware, Webinar; Marine Policy Center, Woods Hole Oceanographic Institution, Woods Hole, USA 2020

Department of Resource Economics and Environmental Sociology, University of Alberta, Canada; Canadian Agricultural Economics Society Annual Meeting, Ottawa, Canada; European Association of Environmental and Resource Economists Conference, Manchester, UK; Association of Environmental and Resource Economists Conference, Lake Tahoe, USA; PRION 2019, Edmonton, Canada 2019

Heartland Environmental and Resource Economics Workshop at Illinois, Urbana-Champaign, USA; Agricultural & Applied Economics Association Annual Meeting, Washington D.C., USA; Western Agricultural Economics Association Conference, Anchorage, USA; Land Use 2018, Edmonton, Canada 2018

Honors and Awards

University of Alberta 2021 Faculty of Agricultural, Life & Environmental Sciences Graduate Student PhD Thesis Award (CAD 500) 2022

European Association of Environmental and Resource Economists 2021 Annual Conference Participation Grants 2021

University of Alberta Graduate Students Teaching Awards 2020

Alberta Graduate Excellence Scholarship (CAD 12,000) 2020

Smart Prosperity Institute Travel Award (CAD 1,500) 2019

University of Alberta GSA Academic Travel Grant (CAD 500) 2019

J Gordin Kaplan Graduate Student Award (CAD 1,500) 2019

Government Network of the Rural Policy Learning Commons Policy Brief Award (CAD 1,500) 2018

University of Alberta Doctoral Recruitment Scholarship (CAD 30,000) 2015

Professional Activities

Manuscript Referee: Journal of Environmental Economics and Management, Environmental and Resource Economics(x2), Ecological Economics, Journal of Choice Modeling, Environmental Economics and Policy Studies

Abstract Reviewer: AAEA Annual Meeting 2019, 2021

Member of: American Economic Association, Association of Environmental and Resource Economists, European Association of Environmental and Resource Economists, Agricultural and Applied Economics Association, Northeastern Agricultural and Resource Economics Association, Canadian Resource and Environmental Economics Association, Canadian Agricultural Economics Society

Skills

Software: R, Matlab, Stata, ArcGIS, Limdep, Python, L^AT_EX, SPSS, GAMS

Languages: Mandarin (Native), English (Fluent), Spanish (Basic), German (Basic)

References

W.L. (Vic) Adamowicz

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Kent Messer

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Department of Applied Economics
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Leah H. Palm-Forster

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