

# Lusi Xie

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## Research Fields

Environmental valuation, Experimental and behavioral economics, Applied econometrics

## Appointments

<b>Assistant Professor</b>	2023 – Present
Department of Agricultural and Applied Economics, University of Georgia	
<b>Postdoctoral Researcher</b>	2021 – 2023
Center for Experimental and Applied Economics (CEAE), University of Delaware Center for Behavioral and Experimental Agri-Environmental Research (CBEAR)	
<b>Research Assistant</b>	2017 – 2020
Department of Resource Economics and Environmental Sociology, University of Alberta	
<b>Survey Researcher</b>	2015
University of California Cooperative Extension	
<b>Research Assistant</b>	2014 – 2015
Department of Agricultural and Resource Economics, University of California, Davis	

## Education

<b>Ph.D. in Agricultural and Resource Economics</b>	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	
<b>M.S. in Agricultural and Resource Economics</b>	2014
University of California, Davis, Davis, CA, USA	
<b>B.A. in Economics</b>	2013
Sun Yat-sen University, Guangzhou, Guangdong, China	

## Peer-Reviewed Publications

- Xie, L., W. Adamowicz, and P. Lloyd-Smith. 2023. "Spatial and Temporal Responses to Incentives: An Application to Wildlife Disease Management" *Journal of Environmental Economics and Management* 117, 102752
- Xie, L., W. Adamowicz. 2023. "Temporal Reliability of Contingent Behavior Trip Data in Kuhn-Tucker Recreation Demand Models" *Land Economics* 99 (2), 182-202
- Xie, L., W. Adamowicz, M. Kecinski, 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
- Messer, K.D., D. Ganguly, and L. Xie. 2023. "Applications of Behavioral Economics to Climate Change Mitigation and Adaptation" Commissioned paper prepared for the Committee on Future Directions for Applying Behavioral Economics to Policy. *National Academies of Sciences, Engineering, and Medicine*

## Working Papers and Research in Progress

- Savchenko, O.M., L.H. Palm-Forster, L. Xie, R. Rahman, and K.D. Messer. "Encouraging Pro-environmental Behavior: Do Testimonials by Experts Work?" (Revise and resubmit, *PLOS ONE*)
- Palm-Forster, L.H., M. Taylor, S. Banerjee, and L. Xie. "Enrollment of Leased Cropland in Agri-environmental Programs" (Revise and resubmit, *Land Use Policy*)
- Xie, L., W. Adamowicz, and M. Kecinski. "Incentives for Impure Public Good Contributions and Motivational Crowding: Evidence from Laboratory and Framed Field Experiments" (Under review)
- 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)
- Tong, Q. and L. Xie. "Behavioral Interventions to Increase Farmers' Acceptance of Climate-smart Agriculture Services: Evidence from China" (Working paper)
- Xie, L., C. Nelson-Poteet, L.H. Palm-Forster, and K.D. Messer. "Dare to Experiment: The Symbiotic Relationship between Experimental Economics and Undergraduate Research" (Data collection)
- Xie, L., L.H. Palm-Forster, C. Nelson-Poteet, M. Hingst, and H. Michael. "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 Agricultural and Applied Economics, University of Georgia

Instructor

Econometrics (graduate) 2023

### Department of Applied Economics and Statistics, University of Delaware

Co-instructor

Experimental Economics (graduate, 7 students) 2022 – 2023

Power Analysis Workshop (graduate, 7 students) 2021

*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
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## 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, M.S., University of Delaware (*Committee member*)
- Kayla McKinley, Undergraduate Intern, Delaware State University (*Mentor*)

## Presentations and Invited Talks

- Agricultural & Applied Economics Association Annual Meeting, Washington D.C., USA; Association of Environmental and Resource Economists Conference, Portland, USA; Australasian Agricultural and Resource Economics Society Annual Conference; University of Rhode Island; University of Oklahoma; University of Florida; University of Georgia 2023
- University of Manitoba; University of Delaware; 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
- University of Alberta; University of Delaware; Woods Hole Oceanographic Institution, Woods Hole, USA 2020
- University of Alberta; 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

Canadian Agricultural Economics Society Outstanding Ph.D. Thesis Award	2023
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, Journal of Environmental Economics and Policy

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<sup>A</sup>T<sub>E</sub>X, SPSS, GAMS

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

## References

### **W.L. (Vic) Adamowicz**

Professor  
Department of Resource Economics  
and Environmental Sociology  
University of Alberta  
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### **Kent D. Messer**

Professor  
Department of Applied Economics  
and Statistics  
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### **Leah H. Palm-Forster**

Associate Professor  
Department of Applied Economics  
and Statistics  
University of Delaware  
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