

Lusi Xie

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Research Interests

Primary: Environmental and natural resource economics, Environmental valuation, Behavioral economics
Secondary: Experimental economics, Applied econometrics, Agricultural economics

Education

Ph.D. in Agricultural and Resource Economics

July 2020 (Expected)

University of Alberta, Edmonton, Alberta, Canada

Dissertation: Behavior, Incentives and Natural Environment: Three Essays on Environmental Valuation

Dissertation Committee: W.L.(Vic) Adamowicz (Chair), Ellen Goddard, Sandeep Mohapatra, Maik Kecsinski

M.S. Agricultural and Resource Economics

2014

University of California, Davis, Davis, CA, USA

B.A. Economics

2013

Sun Yat-sen University, Guangzhou, Guangdong, China

Working Papers

Xie, L, Adamowicz, W, Lloyd-Smith, P. "Spatial and Temporal Responses to Incentives" (Job Market Paper)

Abstract: Individuals make decisions on location choices and timing of activities in response to changes in environmental conditions and incentives. Examples include restaurant choices, livelihood choices and recreational/holiday choices. In economic decision-making, economists focus mostly on location instead of time, thus the behavioral and welfare impacts of the incentives associated with temporal dimensions of choice are largely unknown. We develop a flexible econometric model that combines spatial and temporal choices at intensive and extensive margins to assess individuals' behavioral responses to incentives that offer time flexibility. We estimate the model using data on recreational hunting trips in Alberta, Canada to examine how individuals respond to the incentive of a longer recreation season. We find that individuals substitute activities spatially and temporally, and gain welfare benefits when there is increased flexibility in choosing the time of the activities. Our findings suggest time flexibility could be used as an incentive to change behavior when decisions involve time.

Pattison-Williams, J, **Xie, L**, Adamowicz, W, Pybus, M, Hubbs, A. "Challenging Assumptions: An Empirical Analysis of Hunter Response to Chronic Wasting Disease in Alberta"

Work in Progress

Xie, L, Adamowicz, W, Kecinski, M. "Incentives for Impure Public Good Contributions and Motivational Crowding: Evidence from Laboratory and Framed Field Experiments"

Xie, L, Adamowicz, W. "Incentive Compatibility of Responses in Stated Preference Contingent Behavior Tasks"

Research Experience

Research Assistant for Dr. W.L. Adamowicz 2017-present

Resource Economics and Environmental Sociology, University of Alberta

Survey Researcher for Cindy Fake (Horticulture and Small Farms Advisor) 2015

University of California Cooperative Extension

Graduate Student Researcher for Drs. Colin Carter and Richard Sexton 2014-2015

Agricultural and Resource Economics, University of California, Davis

Teaching Experience

Teaching Assistant

Resource Economics and Environmental Sociology, University of Alberta

Economic Valuation of Ecosystem Services (graduate, 10 students, overall rating: 4.8/5) 2019

Current Economic Issues for Agriculture and Food (undergraduate, 110 students) 2017

Statistical Analysis (undergraduate, 40 students) 2016

Guest Lecturer

Resource Economics and Environmental Sociology, University of Alberta

Food Market Analysis (undergraduate, 40 students) 2018

Teaching Assistant

Agricultural and Resource Economics, University of California, Davis

Personal Finance (undergraduate, 130 students) 2013

Presentations

Department of Resource Economics and Environmental Sociology, University of Alberta 2019

Canadian Agricultural Economics Society Annual Meeting, Ottawa 2019

European Association of Environmental and Resource Economists Conference, Manchester, UK 2019

Association of Environmental and Resource Economists Conference, Lake Tahoe 2019

PRION 2019, Edmonton 2019

Heartland Environmental and Resource Economics Workshop at Illinois, Urbana-Champaign 2018

Agricultural & Applied Economics Association Conference, Washington D.C. 2018

Western Agricultural Economics Association Conference, Anchorage 2018

Land Use 2018, Edmonton 2018

Honors and Awards

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

Journal of Choice Modeling (Manuscript Referee), AAEA Annual Conference (Abstract Reviewer)

Member of: American Economic Association, Association of Environmental and Resource Economists, European Association of Environmental and Resource Economists, Agricultural and Applied 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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Maik Kecinski

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