

# 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 Kecinski

**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 <i>Department of Resource Economics and Environmental Sociology, University of Alberta</i>	2017 – Present
Survey Researcher for Cindy Fake (Horticulture and Small Farms Advisor) <i>University of California Cooperative Extension</i>	2015
Graduate Student Researcher for Drs. Colin Carter and Richard Sexton <i>Department of Agricultural and Resource Economics, University of California, Davis</i>	2014 – 2015

## Teaching Experience

Teaching Assistant <i>Department of Resource Economics and Environmental Sociology, University of Alberta</i>	
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 <i>Department of Resource Economics and Environmental Sociology, University of Alberta</i>	
Food Market Analysis (undergraduate, 40 students)	2018
Teaching Assistant <i>Department of Agricultural and Resource Economics, University of California, Davis</i>	
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<sup>A</sup>T<sub>E</sub>X, SPSS, GAMS  
*Languages:* Mandarin (Native), English (Fluent), Spanish (Basic), German (Basic)

## References

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### **Maik Kecinski**

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Department of Applied Economics  
and Statistics  
University of Delaware  
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### **Ellen Goddard**

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### **James Rude**

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