

## Patrick Lloyd-Smith

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### CURRENT AFFILIATIONS

Assistant Professor, Department of Agricultural and Resource Economics, University of Saskatchewan, 2018-  
Member, Global Institute for Water Security, University of Saskatchewan, 2018-  
Member, Centre for Hydrology, University of Saskatchewan, 2018-  
Member, Economics & Environmental Policy Research Network, Canada, 2019-  
Chair-Designate, Canadian Resource and Environmental Economics Association, 2020-

### EDUCATION

Ph.D. Environmental and Resource Economics, University of Alberta, 2012-2018.  
*Canadian Agricultural Economics Society Outstanding PhD Thesis Award (2020).*  
M.A. Economics of the Environment, Natural Resources, Energy, and Agriculture, Toulouse School of Economics, 2009.  
B.A. (Honours) Major Economics, Minor Environmental Science, Queen's University, 2004-2008.

### JOURNAL PUBLICATIONS

Lloyd-Smith, P. (*accepted*). "The Economic Benefits of Recreation in Canada". *Canadian Journal of Economics*.  
Lloyd-Smith, P. (*accepted*). "Multiple Discrete-Continuous Extreme Value Model Estimation and Simulation in R: The rmdcev Package". *R Journal*.  
Slade, P, Lloyd-Smith, P, Skolrud T. (2020). "The Effect of Carbon Tax on Farm Income: Comment". *Environmental and Resource Economics* 77 (2), 335-344.  
Lloyd-Smith, P, Abbott, J, Adamowicz, W, Willard, D. (2020) "Intertemporal Substitution in Travel Cost Models with Seasonal Time Constraints". *Land Economics*. 96(3) 339-417.  
Lloyd-Smith, P, Becker, M. (2020). "The Economic Value of Camping using Administrative Data". *Journal of Agricultural and Resource Economics*. 45(3), 445-461.  
Lloyd-Smith, P, Zawojka, E, Adamowicz, W (2020). "Moving beyond the contingent valuation versus choice experiment debate – presentation effects in stated preference". *Land Economics* 96(1) 1-24.  
Adamowicz, W, Calderon-Etter, L, Entem, A, Fenichel, E, Hall, J, Lloyd-Smith, P, Ogden, F, Rouhi Rad, M, Stallard, R. (2019). "Assessing Ecological Infrastructure Investments". *Proceedings of the National Academy of Sciences*. 116 (12) 5254-5261.  
Lloyd-Smith, P, Abbott, J, Adamowicz, W, Willard D (2019). Decoupling the Value of Leisure Time from Labor Market Returns in Travel Cost Models. *Journal of the Association of Environmental and Resource Economists*. 6 (2): 1-28.  
Appiah, A, Adamowicz, W, Lloyd-Smith, P, Dupont D (2019). "Reliability of Drinking Water: Risk Perceptions and Economic Value". *Water Economics and Policy* 1850020.  
Lloyd-Smith, P, Adamowicz, W, Dupont, D (2019). "Incorporating Stated Consequentiality Questions in Stated Preference Research". *Land Economics*. 95(3): 293-306.

- Lloyd-Smith, P, An, H (2019). “Are Corporate Social Responsibility and Advertising Complements or Substitutes in Producing Firm Reputation?” *Applied Economics*. 51 (21): 2275-2288.
- Price, J, Lloyd-Smith, P, Dupont, D, Adamowicz, W (2019). “Floods and Water Service Disruptions: Eliciting Willingness-to-Pay for Public Utility Pricing and Infrastructure Decisions”. *Water Economics and Policy* 1850021.
- Abbott, J, Lloyd-Smith, P, Adamowicz, W, Willard, D (2018) “Status-quo Management of Marine Recreational Fisheries Undermines Angler Welfare”. *Proceedings of the National Academy of Sciences*. 115 (36): 8948-8953.
- Lloyd-Smith, P, Adamowicz, W (2018). Can Stated Measures of Willingness-to-Accept be Valid? Evidence from Laboratory Experiments. *Journal of Environmental Economics and Management* 91: 133-149.
- Lloyd-Smith, P (2018). A New Approach to Calculating Welfare Measures in Kuhn-Tucker Demand Models. *Journal of Choice Modeling* 26: 19-27.
- Lloyd-Smith, P, Schram, C, Adamowicz, W, Dupont D (2018). Endogeneity of Risk Perceptions in Averting Behavior Models. *Environmental and Resource Economics* 69(2): 217–246.
- Lloyd-Smith, P (2018). A Note on the Robustness of Aggregate Ecosystem Service Values. *Ecological Economics* 146: 778-780.
- Whittington, D, Adamowicz W, Lloyd-Smith, P (2017). Asking Willingness-to-Accept Questions in Stated Preference Surveys: A Review and Research Agenda. *Annual Review of Resource Economics* 9: 317-336.
- Lloyd-Smith, P (2017). Controlling for Endogeneity in Attributable Costs of Vancomycin resistant enterococci from a Canadian Hospital. *American Journal of Infection Control* 45 (12): e161-e164.
- Lloyd-Smith, P, Younger, J, Lloyd-Smith, E, Green, H, Leung, V, Romney M (2013). An Economic Analysis of Vancomycin Resistant Enterococci (VRE) at a Canadian Hospital: Assessing Attributable Cost and Length of Stay. *Journal of Hospital Infections* 85: 54-59.
- Ochuodho, T, Lantz, V, Lloyd-Smith, P, Benitez, P (2012). Regional Economic Impacts of Climate Change and Adaptation in Canadian Forests: A CGE Modeling Analysis. *Forest Policy and Economics* 25: 100-112.

#### PAPERS IN REVIEW

- Rouhi Rad, M, Adamowicz, W, Entem, A, Fenichel, E, Lloyd-Smith, P. “On the Substitution and Complementarity of Natural and Physical Capital: The Case of Panama Canal Expansion”. (revised and re-submitted third round at *Journal of the Association of Environmental and Resource Economists*)
- Lloyd-Smith, P, Adamowicz, W, Entem, A, Fenichel, E, Rouhi Rad, M. “The Decade after Tomorrow: Estimation of Discount Rates from Realistic Temporal Decisions” (revised and re-submitted third round at *Journal of Economic Behavior and Organization*).
- Entem, A, Lloyd-Smith, P, Adamowicz, W, Boxall, P. “Beyond social desirability bias: Using multiple predictor groups within an inferred valuation framework” (revised and re-submitted at *American Journal of Agricultural Economics*).
- Oehlmann, M, Meyerhoff, J, Glenk, K, Lloyd-Smith, P. “Do attribute cut-offs make a difference? The effects of eliciting and incorporating cut-off values in choice models” (revised and re-submitted at *Resource and Energy Economics*)
- Asare, E, Lloyd-Smith, P, Belcher, K. “Spatially Explicit Modeling of Wetland Conservation Costs in Canadian Agricultural Landscapes” by (revise and resubmit at the *Canadian Journal of Agricultural Economics*)
- Lloyd-Smith, P. “Valuing the Non-market Impacts of Energy Infrastructure”. (Book chapter for *Measuring the Contribution of Energy Infrastructure: A Practical Guide*)
- Nijhum, F, Westbrook, C, Noble, B, Belcher, K, Lloyd-Smith, P. “Evaluation of alternative land-use scenarios using an ecosystem services-based strategic environmental assessment approach: A choice experiment application in the Northeast Swale, Canada” (under review at *Land-Use Policy*)

#### WORKS IN PROGRESS

Xie, L, Adamowicz, W, Lloyd-Smith, P. “The Use of Recreational Hunters in Wildlife Disease Management: Behavior and Incentives”.

Asare E, Lloyd-Smith, P. “Prairie Wetland Loss is Associated with Substantial Economic Costs to Society”.

Entem, A, Lloyd-Smith, P, Adamowicz, W, Fenichel, E, Rouhi Rad, M. “Payments versus subsidized loans in payment for ecosystem services schemes under conditions of capital market failures”.

An, H, Lloyd-Smith, P, Adamowicz, W. “Strategic Behavior in Stated Preferences and the Demand for Gene-edited Canola”.

Lloyd-Smith, P. “Comprehensive Recreation Demand Modeling”.

Macaskill, J, Lloyd-Smith, P “The economic valuation of environmental resources in Canada” .

## **PROFESSIONAL AND ACADEMIC EXPERIENCE**

Mayne Economics, Principal, 2011-

Visiting Scholar, Arizona State University, January-April 2015.

World Bank Institute, Climate Change Practice, Short Term Consultant, 2011-2014.

Marbek Resource Consultants (now ICF International), Environmental Economist, 2009-2011.

## **TEACHING EXPERIENCE**

### **Instructor**

University of Saskatchewan  
 Natural Resource Economics (AREC 430)  
 Non-market Valuation for Natural Resources and the Environment (AREC 837)

University of Alberta  
 Economic Valuation of Ecosystem Services (AREC 565)  
 Natural Resource Economics (AREC 365)

## **PRESENTATIONS**

2020    Keynote Address at Australian Agricultural and Resource Economics Society Western Australia Conference (virtual)  
           Benefit-Cost Analysis and Species at Risk; Presentation to the National Aboriginal Committee on Species at Risk (NACOSAR) (virtual).  
           European Association of Environmental and Resource Economists Annual Conference (virtual).  
           Canadian Resource and Environmental Economics Association (planned).

2019    Women and Water Lecture Series, Saskatoon.  
           Association of Environmental and Resource Economists Conference, Lake Tahoe.  
           Global Water Futures Annual Science Meeting, Saskatoon.  
           SaskWater Annual General Meeting, Moose Jaw.  
           University of Saskatchewan President’s Roundtable on Research Impact and Knowledge Mobilization, Saskatoon.

2018    Measuring the Impacts of Energy Infrastructure Workshop, Ottawa.  
           Canadian Resource and Environmental Economics Association, Montreal.  
           International Conference of Agricultural Economists, Vancouver.  
           6th World Congress of Environmental and Resource Economists, Gothenburg.  
           Centre for Hydrology, University of Saskatchewan, Saskatoon.  
           Society for Benefit-Cost Analysis Conference, Washington DC.

Dept. of Agricultural and Resource Economics, University of Saskatchewan, Saskatoon.

- 2017 Global Institute for Water Security, Saskatoon.
- 2016 Association of Environmental and Resource Economists Conference, Brackenridge.  
4th Canadian PhD and Early Career Workshop in Environmental Economics, Ottawa.  
Canadian Economics Association Conference, Ottawa.  
Dept. of Resource Economics & Environmental Sociology, University of Alberta, Edmonton.  
Canadian Resource and Environmental Economics Study Group, Banff.
- 2015 Canadian Economics Association Conference, Toronto.  
Marketing Seminar Series, University of Alberta, Edmonton.
- 2014 5th World Congress of Environmental and Resource Economists, Istanbul.  
Canadian Resource and Environmental Economics Study Group, Saskatoon.  
Canadian Water Resources Congress, Hamilton.  
Interdisciplinary Ph.D. Workshop in Sustainable Development, Columbia University, New York.  
Dept. of Resource Economics & Environmental Sociology, University of Alberta, Edmonton.  
Resource Economics & Environmental Sociology Graduate Students Association, Edmonton.
- 2010 4th World Congress of Environmental and Resource Economists, Montreal.

## **PROFESSIONAL SERVICE**

### **Manuscript referee (31 total):**

American Journal of Agricultural Economics (x5)  
Canadian Journal of Agricultural Economics (x2)  
Canadian Journal of Forest Research  
Environmental and Resource Economics (x4)  
Forest Policy and Economics  
Journal of Agricultural and Resource Economics  
Journal of Choice Modeling  
Journal of Environmental Economics and Management (x4)  
Journal of Environmental Economics and Policy  
Journal of Forest Economics  
Journal of Water Resources Planning and Management  
Land Economics (x2)  
Marine Resource Economics (x3)  
Proceedings of the National Academy of Sciences  
Resource and Energy Economics (x2)  
Water Resources and Economics (x3)

### **Conference paper reviewer:**

American Agricultural Economics Association, 2019  
International Conference of Agricultural Economics, 2018

## **OTHER INFORMATION**

### ***Professional Affiliations:***

Association of Environmental and Resource Economists (AERE), Canadian Agricultural Economics Society (CAES), Canadian Economics Association (CEA), Canadian Resource and Environmental Economics Association (CREEA)

*Updated November 2020*