

Patrick Lloyd-Smith

Department of Agricultural and Resource Economics
Global Institute for Water Security
University of Saskatchewan
101-121 Research Drive
Saskatoon, SK S7N 0X4

patrick.lloydsmith@usask.ca
plloydsmith.github.io
1-306-716-7619

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, Canadian Resource and Environmental Economics Association, 2021-

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

1. Lloyd-Smith, P. (2021) "The Economic Benefits of Recreation in Canada". *Canadian Journal of Economics*. 54 (4) November.
2. Entem, A, Lloyd-Smith, P, Adamowicz, W, Boxall, P. (2021). Using inferred valuation to quantify survey and social desirability bias in stated preference research. *American Journal of Agricultural Economics*.
3. Oehlmann, M, Meyerhoff, J, Glenk, K, Lloyd-Smith, P. (2021). "Quantifying landscape externalities of renewable energy development: Implications of attribute cut-offs in choice experiments" *Resource and Energy Economics* 65: 101240.
4. 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" *Journal of the Association of Environmental and Resource Economists* 8(6): 1115-1146.
5. Nijhum, F, C Westbrook, B Noble, K Belcher, P Lloyd-Smith (2021). "Evaluation of alternative land-use scenarios using an ecosystem services-based strategic environmental assessment approach". *Land Use Policy* 108, 105540.
6. Lloyd-Smith, P. (2020). "Kuhn-Tucker and Multiple Discrete-Continuous Extreme Value (MDCEV) Model Estimation and Simulation in R: The rmdcev Package". *R Journal*. 12(2): 251-265.
7. Lloyd-Smith, P, Adamowicz, W, Entem, A, Fenichel, E, Rouhi Rad, M. (2021). "The Decade after Tomorrow: Estimation of Discount Rates from Realistic Temporal Decisions" *Journal of Economic Behavior and Organization* 183: 158-174.
8. 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.
9. 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.
10. Lloyd-Smith, P, Becker, M. (2020). "The Economic Value of Camping using Administrative Data". *Journal of Agricultural and Resource Economics*. 45(3), 445-461.

11. 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.
12. 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.
13. 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.
14. Appiah, A, Adamowicz, W, Lloyd-Smith, P, Dupont D (2019). "Reliability of Drinking Water: Risk Perceptions and Economic Value". *Water Economics and Policy* 1850020.
15. Lloyd-Smith, P, Adamowicz, W, Dupont, D (2019). "Incorporating Stated Consequentiality Questions in Stated Preference Research". *Land Economics*. 95(3): 293-306.
16. 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.
17. 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.
18. 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.
19. 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.
20. Lloyd-Smith, P (2018). A New Approach to Calculating Welfare Measures in Kuhn-Tucker Demand Models. *Journal of Choice Modeling* 26: 19-27.
21. 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.
22. Lloyd-Smith, P (2018). A Note on the Robustness of Aggregate Ecosystem Service Values. *Ecological Economics* 146: 778-780.
23. 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.
24. 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.
25. 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.
26. 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

- Asare, E, Lloyd-Smith, P, Belcher, K. "Spatially Explicit Modeling of Wetland Conservation Costs in Canadian Agricultural Landscapes" (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*)
- Macaskill, J, Lloyd-Smith, P "The economic valuation of environmental resources in Canada" (revise and resubmit at the *Canadian Journal of Agricultural Economics*)
- Xie, L, Adamowicz, W, Lloyd-Smith, P. "The Use of Recreational Hunters in Wildlife Disease Management: Behavior and Incentives". (revise and resubmit at the *Journal of Environmental Economics and Management*)

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

- 2021 Canadian Agri-Food Policy Conference (virtual)
- 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 (virtual).
- 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 (39 total):

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

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)

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