

**ANDREW J. LEACH, Ph.D.**  
**Curriculum vitae**

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## **AFFILIATIONS**

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<b>Alberta School of Business</b> , University of Alberta Associate Professor, with tenure	2011–
<b>Smart Prosperity</b> , Research Network Member	2018–
<b>CABREE</b> , Centre for Applied Business Research in Energy and the Environment Academic Director	2014–
<b>CIRANO</b> , Center for Interuniversity Research and Analysis on Organizations Researcher	2005–

## **PAST AFFILIATIONS**

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<b>Government of Alberta</b> , Department of Environment and Climate Change Chair, Climate Leadership Panel	2015
<b>Alberta School of Business</b> , University of Alberta Enbridge Professor of Energy Policy	2013–2015
<b>Environment Canada</b> , Strategic Policy Branch Visiting Scholar	2012–2013
<b>Sustainable Prosperity</b> , Research Network Member	2008–2017
<b>Alberta School of Business</b> , University of Alberta Assistant Professor	2006– 2011
<b>HEC Montréal</b> , Institute of Applied Economics Assistant Professor	2003–2007
<b>Queen's University</b> , Economics Department Teaching Fellow	2002 – 2003

## EDUCATION

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<b>University of Alberta</b> Master of Laws	2021
<b>Queen's University</b> Ph.D.(Economics)	2004
<b>University of Guelph</b> Master of Arts (Economics)	1999
<b>University of Guelph</b> Bachelor of Science (Environmental Science)	1998

## PUBLICATIONS

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- Nigel Bankes, Andrew Leach and Martin Olszynski (forthcoming). "Case Comment: *References re Greenhouse Gas Pollution Pricing Act*, 2021 SCC 11" *Energy Regulation Quarterly*
- Leach, Andrew. (2021) Environmental Policy is Economic Policy: Climate Change Policy and the General Trade and Commerce Power, *Ottawa Law Review* 52(2), pages 97-156.
- Leach, Andrew and Nic Rivers and Blake Shaffer. (2020) Canadian Electricity Markets during the COVID-19 Pandemic: An Initial Assessment, *Canadian Public Policy* 46(S2), pages S145-S159.
- Olszynski, Martin, Nigel Bankes, and Andrew Leach. (2020) Case Comment: *Reference re Greenhouse Gas Pollution Pricing Act*, 2020 ABCA 74, *Journal of Environmental Law and Practice* 33(2), pages 159-184.
- Leach, Andrew and Eric M. Adams. (2020) Seeing Double: Peace, Order, and Good Government, and the Impact of Federal Greenhouse Emissions Legislation on Provincial Jurisdiction, *Constitutional Forum* 29 (1), pages 1-20.
- Bošković, Branko and Andrew Leach. (2020) Leave it in the ground? Oil sands development under carbon pricing, *Canadian Journal of Economics* 53(2), pages 526-562.
- Heyes, Anthony, Andrew Leach and Charles F. Mason. (2018) The Economics of the Canadian Oil Sands, *Review of Environmental Economics and Policy* 12 (2), pages 242-263.
- Leach, Andrew. (2016) Canada in a Low-Carbon World: Impacts on new and existing resources, *Canadian Public Policy* 42 (S1), pages S18-S23.
- Leach, Andrew. (2015) Canadian Hydrocarbon Resources in an Era of Manufactured Energy", Chapter in Roland Paris and Taylor Owen (eds) *The World Won't Wait: What Canada needs to rethink its international policies*, *University of Toronto Press* 2015, pages 240.
- Leach, Andrew and Branko Boskovic. (2014) Carbon cost will not stop oil-sands work, *Nature Letters* 511, pages page 534-534.
- Leach, Andrew. (2012) Alberta's Specified Gas Emitters Regulation, *Canadian Tax Journal* 60(4), pages 881-898.
- Chakravorty, Ujjayant, Andrew Leach, and Michel Moreaux. (2012) Cycles in nonrenewable resource prices with pollution and learning-by-doing, *Journal of Economic Dynamics and Control* 36(10), pages 1448-1461.
- Laurent-Lucchetti, Jeremy and Andrew Leach. (2011) Generational welfare and induced innovation under climate change policy, *Scandinavian Journal of Economics* 113(4), pages 904-936.
- Leach, Andrew, Charles F. Mason and Klaas van't Veld. (2011) Co-optimization of oil production and carbon sequestration, *Resource and Energy Economics* 33, pages 893-912.

- Leach, Andrew, Joseph Doucet and Trevor Nickel. (2011) The effectiveness of Alberta biofuels policy, *Energy Policy* 39(7), pages 4007-4015.
- Chakravorty, Ujjayant, Andrew Leach, and Michel Moreaux. (2011) Would Hotelling Kill the Electric Car?, *Journal of Environmental Economics and Management* 61(3), pages 281-296.
- Chakravorty, Ujjayant, Shelby Gerking and Andrew Leach. (2010) "State Tax Policy and Oil Production: The Role of the Severance Tax and Credits for Drilling Expenses," *US Energy Tax Policy*, Metcalf, Gilbert (ed), Cambridge University Press, 414 pages..
- Leach, Andrew. (2009) The Welfare Implications of Climate Change Policy, *Journal of Environmental Economics and Management* 57(2), pages 151-165..
- Bahn, Olivier and Andrew Leach. (2008) The Secondary Benefits of Climate Change Mitigation: An overlapping generations approach, *Computational Management Science* 5(3), pages 233-257.
- Leach, Andrew. (2007) The Climate Change Learning Curve, *Journal of Economic Dynamics and Control* 33, pages 1728-1752.
- Clark, C. Robert and Andrew Leach. (2007) The Potential for Electricity Market Restructuring in Quebec, *Canadian Public Policy* 33(1), pages 1-20.
- Leach, Andrew. (2006) Regulation by Reputation, *Computers and Operations Research* 33, pages 409-425.

## CURRENT PROJECTS

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- Andrew Leach. "The No More Pipelines Act? Bill C-69's impact on oil sands pipelines" Submitted, *Alberta Law Review*
- Andrew Leach. "The Constitutional Limits on Federal GHG Emissions Policies" In preparation for submission to the *Canadian Journal of Economics*
- Fenner L Stewart, Andrew Leach and Jennifer Winter. "A Federal Backstop to Provincial Carbon Pricing: Decarbonization in an Age of Uncooperative Federalism" Manuscript
- Andrew Leach and Blake Shaffer. "Carbon Price Pass-Through in Alberta's Electricity Market" In preparation for presentations
- Branko Boskovic, Andrew Leach and Charles F. Mason. "Nonrenewable resources, reserves, and carbon pricing" In preparation for submission
- Andrew Leach, and Alain-Desiré Nimubona. "Technology search and environmental regulation." In preparation for re-submission

## SELECTED PROFESSIONAL AND ADVISORY ACTIVITY

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- Leach, Andrew and Angela Adams, Stephanie Cairns, Linda Coady and Gordon Lambert. "Climate Leadership Panel, Report to the Minister" Prepared for Alberta Environment and Climate Change, 2015.
- Leach, Andrew. "Royalty Review Scoping Document" Prepared for Alberta Energy, 2015.
- Leach, Andrew. "Emerging oilsands technology and prospects for GHG emissions reductions" Prepared for Environment Canada, 2012.
- Leach, Andrew. "An evaluation of 'A Climate Change Plan for the Purposes of the Kyoto Protocol Implementation Act (Bill C-288)'" prepared for the National Roundtable on the Environment and the Economy annually from 2007-2011.
- Leach, Andrew. "GHG Emissions Policies for Alberta: Current strengths and weaknesses, key future threats, and a proposed policy solution for the Province of Alberta" Prepared for Alberta Environment, July, 2009.

Leach, Andrew and Dave Sawyer. “An evaluation of the modeling and information transmittal process used for the development of “Alberta’s 2008 Climate Change Strategy”” Prepared for the Office of the Auditor General of Alberta, July, 2008.

Leach, Andrew and C. Robert Clark. “The determinants of demand for natural gas: a review of the literature” Prepared for Gaz Métropolitain, July, 2006.

## MAJOR GRANTS

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**Canada First Excellence Research Fund** Future of Energy Systems Institute, University of Alberta, \$75,000,000 over 7 years, 2016.

**Social Sciences and Humanities Research Council** Insight Development Grant 430-2014-0275, \$58,630 over 2 years, 2014.

**Sustainable Prosperity** Project grant with Branko Boskovic, \$8000, 2014.

**Social Sciences and Humanities Research Council** Insight Development Grant 430-2012-0079, \$45,612 over 2 years, 2012.

**Social Sciences and Humanities Research Council** Collaborator, Alberta Climate Dialogue (ABCD), Community-University Research Alliances, \$1 million over 6 years, 2010.

**Social Sciences and Humanities Research Council** Standard Research Grant, Grant Number 410-2009-1044, \$18600 over 3 years, 2009.

**Social Sciences and Humanities Research Council** Sustainable Prosperity Network Grant, \$1.8 million over 7 years, 2008.

**Fonds québécois de la recherche sur la société et la culture (FQRSC)** Team Grant, \$332 200 over 4 years, with G. Dionne, R. Gagné, P. Lanoie, P. François, and B. Dostie, 2005.