

ANDREW J. LEACH, Ph.D.
Curriculum vitae

Alberta School of Business
University of Alberta
2-32L Business Building
Edmonton, Alberta T6G 2R6 (Canada)

andrew.leach@ualberta.ca
<http://business.ualberta.ca/aleach/>
Tel: 780-492-8489
Fax: 780-492-3325

AFFILIATIONS

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

PAST AFFILIATIONS

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

EDUCATION

University of Alberta Master of Laws (in progress)	2020
Queen's University Ph.D.(Economics)	2004
University of Guelph Master of Arts (Economics)	1999
University of Guelph Bachelor of Science (Environmental Science)	1998

PUBLICATIONS

- 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*
- 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.
- Leach, Andrew. (forthcoming) "Pipelines, Netbacks and Trade: A Case Study of the Oil Sands," *Measuring the Impacts of Energy Infrastructure* Tombe, Trevor and Winter, Jennifer (ed), University of Calgary Press, Calgary, AB.
- Boskovic, Branko and Andrew Leach (2020). "Leave it in the Ground? Climate policy and oil sands" *Canadian Journal of Economics*
- 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

- Andrew Leach. ““The No More Pipelines Act? Bill C-69’s impact on oil sands pipelines”” Submitted to the *Ottawa Law Review*
- 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-Desire Nimubona. “Technology search and environmental regulation.” In preparation for re-submission

PROFESSIONAL ACTIVITY

- 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

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.