

# Alexandra Lesnikowski, PhD

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CONTACT INFORMATION	Department of Geography, Planning and Environment Concordia University Montreal, QC, Canada, H3G 1M8 <i>E-mail:</i> alexandra.lesnikowski@concordia.ca <i>Website:</i> www.climatechangeadaptationlab.ca	
RESEARCH EXPERTISE	Climate change adaptation governance and policy; climate change vulnerability; environmental policy; urban and regional planning; content analysis; systematic evidence synthesis; quantitative text analysis; statistical analysis.	
EDUCATION	McGill University, Montreal, Canada Ph.D. in Geography Thesis title: <i>Adaptation policy adoption in local governments: A policy instruments approach</i> Supervisor: Dr. James D. Ford	2015 - 2019
	The University of British Columbia, Vancouver, Canada M.A. (Planning) in Community and Regional Planning Final project title: <i>Adaptation to Urban Heat Island Effect in Vancouver, BC</i>	2012 - 2014
	McGill University, Montreal, Canada B.A. (Honors) in Political Science	2006 - 2010
CURRENT EMPLOYMENT	Concordia University, Montreal, Canada <i>Assistant Professor</i> Department of Geography, Planning and Environment Principal Investigator of the Concordia Climate Change Adaptation Lab	From 2020
PREVIOUS EMPLOYMENT	University of Waterloo, Canada <i>Postdoctoral Research Fellow and Instructor</i> Department of Geography and Environmental Management Interdisciplinary Centre on Climate Change Supervisor: Dr. Daniel Scott	2019 - 2020
	McGill University, Canada <i>Project Manager: Adaptation Tracking Collaborative</i> SSHRC Partnership Development Grant Department of Geography Principal Investigator: Dr. James D. Ford	2016 - 2018
	McGill University, Canada <i>Project Lead: Tracking Adaptation to Climate Change Collaborative</i> Department of Geography Principal Investigators: Dr. James D. Ford and Dr. Lea Berrang-Ford	2014 - 2019

	The University of British Columbia, Canada <i>Research Assistant: Housing Justice Project</i> School of Community and Regional Planning Principal Investigator: Dr. Penny Gurstein	2014
	The University of British Columbia, Canada <i>Research Assistant: Planning Evaluation Lab</i> School of Community and Regional Planning Principal Investigators: Dr. Mark Stevens and Dr. Maged Senbel	2012 - 2014
	McGill University, Canada <i>Research Assistant: Climate Change Adaptation Research Group</i> Department of Geography Principal Investigator: Dr. James D. Ford	2010 - 2012
	McGill University, Canada <i>Policy Fellow: Institute of Health and Social Policy</i> Director: Dr. Jody Heymann	2009
	McGill University, Canada <i>Research Intern: Institute of Health and Social Policy</i> Director: Dr. Jody Heymann	2008 - 2009
ADDITIONAL ACADEMIC EXPERIENCE	Wageningen University and Research, Wageningen, Netherlands <i>Visiting Researcher</i>	April 2018 - July 2018
	University of Oslo, Oslo, Norway <i>Comparative Social Science Studies Summer School</i> • Course: Climate Change Adaptation and Transformations towards Sustainability	August 2016
	Univerzita Karlova, Prague, Czech Republic <i>Visiting Student</i> • Institute of Political Science	September 2009 - January 2010
LANGUAGES	English (native), French (advanced reading, intermediate spoken/written)	
LEAVES OF ABSENCE	Maternity Leave Maternity Leave	July 8, 2024 - April 28, 2025 October 3, 2021 - May 1, 2022

## RESEARCH

PEER-REVIEWED  
ARTICLES

*Total Citations on 31 December 2024 (Google Scholar)*  
*H-Index (Google Scholar)*

**3,736**  
**24**

27. Carriere, Zacharie and **Alexandra Lesnikowski**. 2024. Climate change adaptation readiness and the transformative potential of co-operative housing in Nova Scotia, Canada. *Environmental Governance and Policy*. 34: 724–739.
26. **Lesnikowski, Alexandra**, Sebastien Jodoin, Jean-Philippe Lemay, Verity Thomas, Kasia Johnson. 2024. Human rights in climate change adaptation policies. *Climate Policy*. 24(8):1050-1064.
25. Biesbroek, Robbert, **Alexandra Lesnikowski**. 2023. Unpacking symbolic policy-making for the first Global Stocktake under the Paris Agreement. *npj Climate Action*. 2:50.
24. Ulibarri, Nicola, Idowu Ajibade, Eranga K Galappaththi, Elphin Tom Joe, **Alexandra Lesnikowski**, Katharine J Mach, Justice Issah Musah-Surugu, Gabriela Nagle Alverio, Alcade C Segnon, AR Siders, Garry Sotnik, Donovan Campbell, Vasiliki I Chalastani, Kripa Jagannathan, Vhalinavho Khavhagali, Diana Reckien, Yuanyuan Shang, Chandni Singh, Zinta Zommers, Global Adaptation Mapping Initiative Team. 2021. A global assessment of policy tools to support climate adaptation. *Climate Policy*. 22(1): 77-96.
23. Berrang-Ford, Lea, AR Siders, **Alexandra Lesnikowski**, Alexandra Paige Fischer, Max W Callaghan, et al. 2021. A systematic global stocktake of evidence on human adaptation to climate change. *Nature Climate Change*. 11(11): 989-1000.
22. Thomas, Adella, Emily Theokritoff, **Alexandra Lesnikowski**, Diana Reckien, Kripa Jagannathan, Roger Cremades, Donovan Campbell, Elphin Tom Joe, Asha Sitati, Chandni Singh, Alcade C Segnon, Brian Pentz, Justice Issah Musah-Surugu, Cristina A Mullin, Katharine J Mach, Leah Gichuki, Eranga Galappaththi, Vasiliki I Chalastani, Idowu Ajibade, Raquel Ruiz-Diaz, Caitlin Grady, Matthias Garschagen, James Ford, Kathryn Bowen. 2021. Global evidence of constraints and limits to human adaptation. *Regional Environmental Change*. 21(3): 1-15.
21. Araos, Malcolm, Kripa Jagannathan, Roopam Shukla, Idowu Ajibade, Erin Coughlan de Perez, Katy Davis, James D Ford, Eranga K Galappaththi, Caitlin Grady, AJ Hudson, Elphin Tom Joe, Christine J Kirchhoff, **Alexandra Lesnikowski**, Gabriela Nagle Alverio, Miriam Nielsen, Ben Orlove, Brian Pentz, Diana Reckien, AR Siders, Nicola Ulibarri, Maarten van Aalst, Thelma Zulfawu Abu, Tanvi Agrawal, Lea Berrang-Ford, Rachel Bezner Kerr, Shaugn Coggins, Matthias Garschagen, Alexandra Harden, Katharine J Mach, Abraham Marshall Nunbogu, Pandey Spandan, Sienna Templeman, Lynée L Turek-Hankins, GAMI Team. 2021. Equity in human adaptation-related responses: A systematic global review. *One Earth*. 4(10): 1454-1467.
20. McDowell, Graham, Madison Stevens, **Alexandra Lesnikowski**, Christian Huggel, Alexandra Harden, Jose DiBella, Michael Morecroft, Praveen Kumar, Elphin Tom Joe, Indra D Bhatt. 2021. Closing the Adaptation Gap in Mountains. *Mountain Research and Development*. 41(3): A1-A10.
19. **Lesnikowski, Alexandra**, Robbert Biesbroek, James D. Ford, Lea Berrang-Ford. 2021. Policy implementation styles and local governments: The case of climate change adaptation. *Environmental Politics*. 30(5): 753-790.

18. **Lesnikowski, Alexandra**, James D. Ford, Robbert Biesbroek, Lea Berrang-Ford. 2019. Characterizing climate change adaptation policy portfolios: Comparative measurement through policy instrument mixes. *Climatic Change*. 156(4): 447-469.
17. Conevska, Aleksandra, James D. Ford, **Alexandra Lesnikowski**. 2019. Assessing the Adaptation Fund's responsiveness to developing country's needs. *Climate and Development*. 12(5): 436-447.
16. Berrang-Ford, Lea, Robbert Biesbroek, James D. Ford, **Alexandra Lesnikowski**, Andrew Tanabe, Frances M. Wang, Chen Chen, Angel Hsu, Jessica J. Hellmann, Patrick Pringle, Martina Grecequet, J.-C. Amado, Saleemul Huq, Shuaib Lwasa, S. Jody Heymann. 2019. "Tracking global climate change adaptation among governments." *Nature Climate Change* 9: 440-449.
15. **Lesnikowski, Alexandra**, Ella Belfer, Emma Rodman, Julie Smith, Robbert Biesbroek, John D. Wilkerson, James D. Ford, Lea Berrang-Ford. 2019. "Frontiers in data analytics for adaptation research: Topic modeling." *WIREs Climate Change* 10(3): e573.
14. Biesbroek, Robbert, Lea Berrang-Ford, **Alexandra Lesnikowski**, Stephanie Austin, and James D. Ford. 2018. "Data, concepts and methods for large-n comparative climate change adaptation policy research: a systematic literature review." *WIREs Climate Change* 9 (6): e548.
13. Conevska, Aleksandra, James D. Ford, **Alexandra Lesnikowski**, and Sherri Harper. 2019. "Adaptation financing for projects focused on food systems through the UNFCCC." *Climate Policy* 19 (1): 43-58.
12. Biesbroek, Robbert, **Alexandra Lesnikowski**, Lea Berrang-Ford, Martinus Vink, and James Ford. 2018. "Do Administrative Traditions Matter for Climate Change Adaptation Policy? A Comparative Analysis of 32 High Income Countries." *Review of Policy Research* 35 (6): 881-906.
11. **Lesnikowski, Alexandra**, James D. Ford, Robbert Biesbroek, Lea Berrang-Ford, Michelle Maillet, Malcolm Araos, and Stephanie E. Austin. 2017. "What Does the Paris Agreement Mean for Adaptation?" *Climate Policy* 17 (7): 825-831.
10. **Lesnikowski, Alexandra**, James D. Ford, Robbert Biesbroek, Lea Berrang-Ford, and S. Jody Heymann. 2016. "National-Level Progress on Adaptation." *Nature Climate Change* 6 (3): 261-264.
9. Ford, James D., Simon E. Tilleard, Lea Berrang-Ford, Malcolm Araos, Robbert Biesbroek, **Alexandra Lesnikowski**, Graham K. MacDonald, Angel Hsu, Chen Chen, and Livia Bizikova. 2016. "Opinion: Big Data Has Big Potential for Applications to Climate Change Adaptation." *Proceedings of the National Academy of Sciences* 113 (39): 10729-32.
8. Araos, Malcolm, Lea Berrang-Ford, James D Ford, Stephanie E Austin, Robbert Biesbroek, and **Alexandra Lesnikowski**. 2016. "Climate Change Adaptation Planning in Large Cities: A Systematic Global Assessment." *Environmental Science and Policy*. 66: 375-382.
7. Ford, James D., Lea Berrang-Ford, Robbert Biesbroek, Malcolm Araos, Stephanie Austin, and **Alexandra Lesnikowski**. 2015. "Adaptation Tracking for a Post-2015 Climate Agreement." *Nature Climate Change* 5: 967-69.
6. **Lesnikowski, Alexandra**, James D Ford, Lea Berrang-Ford, Magda Barrera, and Jody Heymann. 2015. "How Are We Adapting to Climate Change? A Global Assessment." *Mitigation and Adaptation Strategies for Global Change* 20 (2): 277-93.

5. Berrang-Ford, Lea, James D. Ford, **Alexandra Lesnikowski**, Carolyn Poutiainen, Magda Barrera, and S. Jody Heymann. 2014. “What Drives National Adaptation? A Global Assessment.” *Climatic Change* 124 (1–2): 441–50.
4. **Lesnikowski, Alexandra**, James D. Ford, Lea Berrang-Ford, Magda Barrera, Peter Berry, Jim Henderson, and S. Jody Heymann. 2013. “National-Level Factors Affecting Planned, Public Adaptation to Health Impacts of Climate Change.” *Global Environmental Change* 23 (5): 1153–63.
3. Ford, James D., Lea Berrang-ford, **Alexandra Lesnikowski**, Magda Barrera, and S Jody Heymann. 2013. “How to Track Adaptation to Climate Change: A Typology of Approaches for National-Level Application.” *Ecology and Society* 18 (3): 40-54.
2. Paterson, Jaclyn A., James D. Ford, Lea Berrang-Ford, **Alexandra Lesnikowski**, Peter Berry, Jim Henderson, and Jody Heymann. 2012. “Adaptation to Climate Change in the Ontario Public Health Sector.” *BMC Public Health* 12 (1): 452.
1. **Lesnikowski, Alexandra**, James Ford, Lea Berrang-Ford, Jaclyn Paterson, Magda Barrera, and Jody Heymann. 2011. “Adapting to Health Impacts of Climate Change: A Study of UNFCCC Annex I Parties.” *Environmental Research Letters* 6, no. 4 (October 2011): 044009.

BOOK CHAPTERS  
AND REPORTS

6. **Lesnikowski, Alexandra**, Anna Newton, and Meaghan Oxley 2023. *Monitoring and Evaluation for a Resilient Energy Sector*. Ouranos: Montreal, Quebec.
5. Biesbroek, Robbert, and **Alexandra Lesnikowski**. 2018. “Adaptation.” In *Governing Climate Change: Polycentricity in Action?*, edited by & J. Forster A. Jordan, D. Huitema, H. Van Asselt, 303–19. Cambridge, UK: Cambridge University Press.
4. **Lesnikowski, Alexandra**, James D. Ford, Lea Berrang-Ford, and Robbert Biesbroek. 2017. “Assessing Adaptation Progress at the Global Level: Conceptual and Methodological Issues.” In *Adaptation Gap Report 2017: Towards Global Assessment*, edited by Anne Olhoff. Copenhagen, Denmark: UNEP-DTU Partnership.
3. Wang, Frances M., James D. Ford, **Alexandra Lesnikowski**, Chen Chen, Lea Berrang-Ford, and Robbert Biesbroek. 2017. “Assessing Stakeholder Needs for Adaptation Tracking.” In *Adaptation Metrics*. UNEP-DTU Partnership.
2. Senbel, Maged, and **Alexandra Lesnikowski**. 2015. “Climate Change Planning and Neighbourhood Design for Low-Carbon, Resilient and Health Communities.” In *Canadian Cities in Transition*, edited by Pierre Filion, Tara Vinodrai, Ryan Walker, and Markus Moos. Oxford, UK: Oxford University Press.
1. **Lesnikowski, Alexandra**. 2012. *Guaranteeing Legal Rights for Sexual and Gender Minorities in Nepal*. Edited by Jody Heymann and A Cassola. *Making Equal Rights Real: Taking Effective Action to Overcome Global Challenges*. Cambridge, UK: Cambridge University Press.

IN REVIEW

2. Yue, Alice and **Alexandra Lesnikowski**. *Climate change adaptation and housing in Canada: A policy integration analysis at multiple levels*. *Journal of Urban Affairs*. Revisions submitted December 2024.
1. Jodoin, Sébastien, Amanda Bowie-Edwards, Sajneet Mangat, Katherine Lofts, Bianca Adjei, and **Alexandra Lesnikowski**. *A Systematic Analysis of Disability Inclusion in Domestic Climate Policies*. *npj Climate Action*. Submitted October 2024.

- PREPARING FOR SUBMISSION
2. Susarla, Vasantha and **Alexandra Lesnikowski**. Assessing equity considerations in Canadian municipal climate change adaptation plans. For FACETS (Spring 2025).
  1. **Lesnikowski, Alexandra**, Violet Massey-Vereker, and Dylan Clark. Conceptualizing transformational adaptation in the housing space. For WIREs Climate Change (Spring 2025).
- WORK IN PROGRESS
3. **Lesnikowski, Alexandra**, Violet Massey-Vereker, Zacharie Carriere, Daniel Henstra, Mylene Riva, David Wachsmuth. A national study of housing security and flood risk exposure in Canada.
  2. Hebert-Mondragon, Frédérique, **Alexandra Lesnikowski**, and Nick Revington. Adapting to climate change: An analysis of Canadian residential housing developers. (For Urban Climate)
  1. Murray, Aspen, **Alexandra Lesnikowski**, Daniel Henstra, and David Wachsmuth. Place Attachment in Policy: How Climate Housing Policy in British Columbia Address the Emotions of “Home”.
- SCIENTIFIC ASSESSMENTS
3. O’Neill, Brian, Maarten van Aalst, Zelina Zaiton Ibrahim, et al. Chapter 16: Key Risks Across Sectors and Regions. Sixth Assessment Report. Working Group II: Intergovernmental Panel on Climate Change. 2022. [Contributing Author]
  2. Harper, Sherilee L., Rebekka Schmitter, Aamir Fazil, Manon Fleury, James D. Ford, **Alexandra Lesnikowski**, Deborah McGregor, Jaclyn Paterson, Ben Smith, Hannah Tait Neufeld. Chapter 8: Climate Change, Food Security, Food Safety, and Health. Climate Change and Health Assessment. Health Canada. Government of Canada. 2022. [Contributing Author]
  1. IANAS. Taking action against climate change will benefit health and advance health equity in the Americas. (S.L. Harper J.N. McNeil, Eds.) Inter-American Network of Academies of Sciences (IANAS) and InterAcademy Partnership (IAP). 2022. [Lead Author]
- NON-PEER REVIEWED PUBLICATIONS
1. **Lesnikowski, Alexandra** and Timo Leiter. Assessing progress on climate adaptation in Canada: Building blocks and best practices for a robust monitoring and evaluation system. A scoping paper for the Canadian Climate Institute. 2022.
- OPINION
1. Toussain, Jean-Patrick and **Alexandra Lesnikowski**. Latest IPCC report is a wake-up call to adapt to climate change. iPolitics. 2022.
- CONFERENCE AND WORKSHOP PRESENTATIONS
19. *Conceptualizing transformational adaptation in the housing space*. International Conference on Urban Affairs. April 2025. (Vancouver, BC)
  18. *A national study of housing security and flood risk exposure in Canada*. Annual Meeting of the American Association of Geographers. 2023. (Montreal, QC)
  17. *Understanding the nexus between climate change adaptation and housing: a systematic review*. Global Environmental Governance. 2022. (Toronto, ON)
  16. *Human rights in climate change adaptation policies*. Global Environmental Governance. 2022. (Toronto, ON)

15. *Climate change adaptation and housing in Canada: A policy integration analysis at multiple levels.* With Alice Yue. International Workshop on Public Policy, International Public Policy Association 2022. (Delivered remotely.)
14. *Including Persons with Disabilities in Climate Governance: Examining Disability Rights and Climate Resilience in Urban Environments.* The Ten Most Pressing Gaps in Research on Environmental Policy, Yale University School of Forestry and Environmental Studies. 2019. (New Haven, USA)
13. *A cross-national study of local climate change adaptation policy implementation styles in multi-level governance environments.* Beyond Typologies: Innovation in the Study of Environmental Policy Instruments, International Conference on Public Policy. 2019. (Montréal, QC)
12. *Climate change adaptation policy framing among local governments.* Public Policy for Emerging and Disruptive Technologies: Governing Big Data, Artificial Intelligence, Robotics, and More, International Conference on Public Policy. 2019. (Montréal, QC)
11. *Measuring policy coherence: A topic modelling approach.* Climate Change Governance: Treaty Implementation, Polycentricity, National-Local Linkages, Earth Systems Governance Symposium. 2018. (Utrecht, Netherlands)
10. *Comparative measurement of climate change adaptation policies: A policy instruments approach.* Governance Modes, Policy Styles and Policy Mixes: Next Generation Policy Instrument Studies, International Public Policy Association. 2018. (Pittsburgh, USA)
9. *Tracking adaptation in local governments: A policy instruments approach.* Tracking Adaptation to Climate Change at Multiple Levels, European Climate Change Adaptation Conference. 2017. (Glasgow, UK)
8. *Assessing Progress on Adaptation Across Countries.* Tracking Adaptation to Climate Change for MRE, Adaptation Futures. 2016. (Rotterdam, Netherlands)
7. *Multi-level governance in urban climate change adaptation.* Administrative Traditions and Climate Change Adaptation Workshop, INOGO. 2016. (Amsterdam, Netherlands)
6. *Tracking Canadian Progress on Adaptation.* Adaptation Tracking at Global to Local Scales, Adaptation Canada. 2016. (Ottawa, Canada)
5. *Assessing Progress on Adaptation Across Countries.* Tracking Adaptation and Enabling Readiness, 21st Conference of the Parties to the UNFCCC. 2015. (Paris, France)
4. *Applications in adaptation tracking: A longitudinal assessment of adaptation progress among high-income countries.* Tracking Adaptation to Climate Change, European Climate Change Adaptation Conference. 2015. (Copenhagen, Denmark)
3. *Are we adapting to climate change?* International Symposium on the Governance of Adaptation. 2012. (Amsterdam, Netherlands)
2. *Health Impacts of Climate Change: A Collaborative Initiative.* Climate Change and Clean Energy, Annual Research to Policy Conference: Environmental Health and Equity. 2011. (Montreal, Canada)
1. *Raising Awareness about Sexual Health and Human Rights through Civic Engagement and Community Empowerment.* Universal Policies, Health Equity and the Social Determinants of Health, Canadian Public Health Association Annual Conference. 2010. (Toronto, Canada)

PANELS, SESSIONS,  
AND WORKSHOPS  
CONVENED

9. *Measuring adaptation progress in critical infrastructure sectors*. Workshop organizer and chair. Ouranos Symposium. 2025. (Montreal, Canada)
8. *Implementing climate action: Drivers, obstacles, and opportunities*. Co-Chair with Dr. Robert Biesbroek. 6th International Conference on Public Policy. International Public Policy Association. 2023. (Toronto, Canada)
7. *Housing systems in the Anthropocene: Implications of housing governance, policy, and outcomes for a just climate transition*. Chair. 2022 Toronto Conference on Earth System Governance. Earth Systems Governance Association 2022. (Toronto, Canada)
6. *Climate Policy Integration at Stake*. Co-Chair with Dr. Marie Hrabanski and Dr. Gilles Massardier. Third International Workshop on Public Policy. International Public Policy Association. 2022. (Budapest, Hungary - Participated remotely)
5. *Policy Integration for Boundary-Spanning Policy Problems: Climate Change Mitigation and Adaptation Policy*. Co-Chair with Dr. Robbert Biesbroek and Dr. Daniel Henstra. 5th International Conference on Public Policy. International Public Policy Association. 2019. (Montreal, Canada)
4. *Machine learning opportunities in adaptation research*. Workshop co-organizer with Dr. Angel Hsu. Adaptation Tracking Collaborative and Data-Driven Environmental Lab. 2017. (Singapore)
3. *Advancing adaptation tracking II*. Workshop co-organizer and facilitator. Adaptation Tracking Collaborative. 2016. (Montreal, Canada)
2. *Tracking adaptation progress and enabling readiness*. Side Event co-organizer and presenter. 21st Conference of the Parties to UN Framework Convention on Climate Change. 2015. (Paris, France)
1. *Advancing adaptation tracking I*. Workshop co-organizer and facilitator. Adaptation Tracking Collaborative. 2015. (Montreal, Canada)

UNFCCC  
DELEGATIONS

- |  |      |
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| 25th Conference of the Parties: Madrid, Spain<br><i>University of Waterloo</i> | 2019 |
| 21st Conference of the Parties: Paris, France<br><i>McGill University</i>      | 2015 |
| 16th Conference of the Parties: Cancun, Mexico<br><i>McGill University</i>     | 2010 |

INVITED TALKS

8. *Monitoring and Evaluation for a Resilient Electricity Sector*. Ouranos. 2024. (Montreal, Canada)
7. *An introduction to anthropogenic climate change*. LOYC 398: Perspectives on the UN Sustainable Development Goals. Loyola College for Diversity and Sustainability. Concordia University. 2024. (Montreal, Canada)
6. *Canada's Changing Climate*. The Walrus Talks. 2023. (Ottawa, Canada)

5. *An introduction to anthropogenic climate change*. LOYC 398: Perspectives on the UN Sustainable Development Goals. Loyola College for Diversity and Sustainability. Concordia University. 2022. (Montreal, Canada)
4. *Climate Change 101*. Climate change training workshop for THEMUSEUM. 2020. (Kitchener, Canada)
3. *Tracking adaptation in local governments: A policy instruments approach*. Public Administration and Policy Group, Wageningen University. 2018. (Wageningen, Netherlands)
2. *Tracking adaptation across scales*. Priestley International Centre for Climate, Leeds University. 2017. (Leeds, UK)
1. *Generation Y: Changing values, preferences, and choices? Youth Engagement Panel*. Federation of Canadian Municipalities Annual Conference and Trade Show. 2013. (Vancouver, Canada)

FUNDING AWARDED	<b>Total Funding</b>	<b>\$1,173,092</b>
	<b>Total Funding as Principal Investigator</b>	<b>\$807,462</b>
	<b>Total Funding as Co-Investigator</b>	<b>\$577,630</b>
	Ouranos	2025-2028
	Special project funding	\$297,648
	Principal Investigator: "Tracking adaptation progress in the Canadian electricity sector"	
	Social Sciences and Humanities Research Council of Canada	2022-2027
	Insight Grant	\$379,650
	Principal Investigator: "Adapting Canada's housing system to a changing climate: The climate change adaptation-housing nexus"	
	Ouranos	2023-2024
	Special project funding	\$12,000
	Principal Investigator: "Monitoring and evaluation for a resilient electricity sector"	
	Social Sciences and Humanities Research Council of Canada	2024-2026
	Volt-Age, Canada First Research Excellence Fund	\$200,000
	Co-Investigator: "Toward a Carbon Governance Living Lab: Designing and Testing Local Decarbonization Governance Experiments"	
	(Principal Investigator: Dr. Adriane MacDonald, Concordia University)	
	Social Sciences and Humanities Research Council of Canada	2023-2024
	Connection Grant	\$24,552
	Co-Investigator: "Connecting international conference participants with local realities: 'Glocal' learning journeys through the climate crisis"	
	(Principal Investigator: Dr. Ying (Elaine) Huang, McGill University)	
	Social Sciences and Humanities Research Council of Canada	2020-2022
	Insight Development Grant	\$73,164
	Principal Investigator: "Housing tenure and climate change vulnerability in Canada"	
	Social Sciences and Humanities Research Council of Canada	2020-2025
	Insight Grant	\$353,078
	Co-Investigator: "Disability Rights and Climate Adaptation in Low and Middle Income Countries: Lessons Learned from India"	
	(Principal Investigator: Dr. Sébastien Jodoin, McGill University)	

	Concordia University	2020-2022
	Faculty Research Development Program	\$45,000
	Principal Investigator	
<b>APPLICATIONS UNDER REVIEW</b>	<b>Total Funding</b>	<b>\$60,000</b>
	Mitacs Elevate Postdoctoral Program	2025-2027
	Supervisor: "How does organizational governance influence adaptation monitoring and evaluation in the Canadian electricity sector?"	
	Applicant: Dr. Harold Bellanger Rodriguez	
	Partner Organization: Ouranos	
<b>UNSUCCESSFUL GRANT PROPOSALS</b>	<b>Total Funding</b>	<b>\$2,053,120</b>
	New Frontiers in Research Fund	2024-2027
	International Joint Initiative for Research in Climate Change Adaptation and Mitigation	\$1,500,000
	Co-Investigator: "Empowering community-led, digitally enabled nature-based solutions for climate adaptation and mitigation"	
	(Principal Investigator: Dr. Damon Matthews, Concordia University)	
	Fonds de Recherche du Québec - Société et Culture	2024-2028
	Soutien aux équipes de recherche / Universitaire - nouvelle équipe	\$240,000
	Co-Investigator: "L'apprentissage comme levier pour relever des défis socio-écologiques complexes"	
	(Principal Investigator: Dr. Blane Harvey, McGill University)	
	Fonds de Recherche du Québec - Société et Culture	2023-2026
	Soutien a la recherche pour la releve professorale	\$43,120
	Principal Investigator: "Effective climate change adaptation in the face of limits: Planning for tipping points and thresholds in a changing climate"	
	Fonds de Recherche du Québec - Société et Culture	2022-2025
	Soutien a la recherche pour la releve professorale	\$43,120
	Principal Investigator: "Effective climate change adaptation in the face of limits: Planning for tipping points and thresholds in a changing climate"	
	Reseau inondations InterSectoriel du Quebec	2022-2024
	RIISQ-Ouranos Project Call	\$180,000
	Co-Investigator: "Cartographie des risques d'inondation à long terme dans la vallée de la rivière Ottawa"	
	(Principal Investigator: Dr. Jeannine St-Jacques)	
	Fonds de Recherche du Québec - Société et Culture	2021-2023
	Soutien a la recherche pour la releve professorale	\$45,000
	Principal Investigator: "Limits to climate change adaptation in the Canadian housing system"	
<b>AWARDS &amp; SCHOLARSHIPS</b>	<b>Total Funding</b>	<b>\$458,887</b>
	Social Sciences and Humanities Research Council of Canada	2019-2021
	Post-Doctoral Fellowship - Proposal ranked 3/123	\$90,000
	Fonds de Recherche du Québec - Société et Culture	2019-2021

Bourse postdoctorale - Proposal ranked 2/8 (Declined)	\$90,000
Fonds de Recherche du Québec - Société et Culture Bourse postdoctorale supplément annuel	2019-2021 \$20,000
Social Sciences and Humanities Research Council of Canada Joseph-Armand Bombardier CGS Doctoral Scholarship - Score 19.3/20	2016-2019 \$105,000
Social Sciences and Humanities Research Council of Canada Canada Graduate Scholarship Michael Smith Foreign Supplement Award	2018 \$6,000
McGill University Graduate Mobility Award	2018 \$6,000
McGill University Graduate Excellence Award	2018 \$5,831
McGill University GREAT Award	2016 \$207
McGill University Doctoral Funding	2015-2019 \$91,075
McGill University Graduate Excellence Award	2015 \$7,000
McGill University Geography Graduate Award	2015 \$663
American Institute of Certified Planners American Institute of Certified Planners Prize	2014 \$1,200
Planning Institute of British Columbia Planning Institute of British Columbia Graduate Scholarship in Planning	2013 \$3,000
The University of British Columbia School of Community and Regional Planning Scholarship	2013 \$1,000
The University of British Columbia Faculty of Applied Science Graduate Award	2012 \$2,778
The University of British Columbia International Tuition Award	2012 \$2,133
University of Toronto Arts & Science Fellowship (Declined)	2012 \$10,000
Fulbright Foundation Fulbright U.S. Student Program (Declined)	2010 \$17,000

## TEACHING

### COURSES TAUGHT **Concordia University**

Year	Code	Name	Level	Students	Credits
Winter 2024	GEOG 478	Climate Change: Science, Impacts and Policy	Undergrad	23	3.0
Fall 2023/Winter 2024	HENV 615/805	Research Proposal Seminar	Graduate	21	3.0
Fall 2023	HENV 660	Climate Change and Sustainability	Graduate	10	3.0
Fall 2023	URBS 498	Planning Cities for Climate Change	Undergrad	23	3.0
Winter 2023	URBS 230	Urbanization: Global and Historical Perspectives	Undergrad	183	3.0
Winter 2023	GEOG 478	Climate Change: Science, Impacts and Policy	Undergrad	21	3.0
Fall 2022	URBS 498	Planning Cities for Climate Change	Undergrad	22	3.0
Winter 2021	URBS 230	Urbanization: Global and Historical Perspectives	Undergrad	195	3.0
Winter 2021	GEOG 478	Climate Change: Science, Impacts and Policy	Undergrad	21	3.0
Fall 2020	URBS 480	Impact Assessment	Undergrad	30	3.0

### **Additional Teaching Experience**

University of Waterloo, Waterloo, Ontario, Canada

*Instructor*

- GEOG 207 Fundamentals of Climate Change (3 credits, Winter 2020)
- GEMCC 600 Fundamentals of Climate Change (3 credits, Fall 2019)

McGill University, Montreal, Quebec, Canada

*Teaching Assistant*

- GEOG 302 Environmental Management I (Fall 2017, Fall 2018)
- GEOG 408 Geography of Development (Fall 2015)

McGill University, Montreal, Quebec, Canada

*Guest Lecturer*

- GEOG 514 Climate Change Vulnerability and Adaptation (Winter 2017)

### STUDENT SUPERVISION

#### **Doctoral thesis supervision**

Aspen Murray (In progress), Concordia University, Montreal, Canada 2023-2028  
Principal Supervisor

Student Degree Expected Date: August 2028

Thesis title: *The Emotions of Home: How Place Attachment and Climate Emotions Influence Community Adaptation Behaviors in British Columbia Canada*

#### **Master's thesis supervision**

Frédérique Hébert-Mondragon (In progress), Concordia University, Montreal, Canada 2023-2025  
Principal Supervisor

Student Degree Expected Date: August 2025

Thesis title: *Adapting to Climate Change: Understanding the Canadian real estate development industry*

Vattarya Ker (In progress), Concordia University, Montreal, Canada 2023-2026  
Principal Supervisor

Student Degree Expected Date: August 2026

Thesis title: *Housing Inclusivity in Climate Adaptation: Flooding Adaptation Across Housing Tenure Categories in Montréal, QC*

Tessa Hansen (In progress), Concordia University, Montreal, Canada 2024-2026  
Co-Supervisor  
Student Degree Expected Date: August 2026  
Thesis title: *TBD*

Isabel Drummond (In progress), Concordia University, Montreal, Canada 2024-2026  
Co-Supervisor  
Student Degree Expected Date: August 2026  
Thesis title: *Living labs for low carbon futures: Governance strategies and best practices*

Hope Moon (In progress), Concordia University, Montreal, Canada 2024-2026  
Principal Supervisor  
Student Degree Expected Date: August 2026  
Thesis title: *TBD*

Vasanth Susarla (Complete), Concordia University, Montreal, Canada 2021-2023  
Principal Supervisor  
Degree Completed: January 2024  
Thesis title: *Equity and local climate change adaptation planning in Canada*

Alice Yue (Complete), Concordia University, Montreal, Canada 2020-2022  
Principal Supervisor  
Degree completed: December 2022  
Thesis title: *Integration of climate change adaptation and housing policies in Canada*

Zacharie Carriere (Complete), Concordia University, Montreal, Canada 2020-2022  
Principal Supervisor  
Degree completed: November 2022  
Thesis title: *Climate change adaptation and co-operative housing in Nova Scotia*

#### **Doctoral committees**

Morgen Bertheussen (In Progress), McGill University, Montreal, Canada 2021-2023  
Committee member  
Expected Completion: 2027  
Thesis title: *Spaces of social infrastructure and their role in climate adaptation*

#### **Master's committees**

Justine Bonczek (Complete), Concordia University, Montreal, Canada 2021-2023  
Committee member  
Degree Completed: August 2023  
Thesis title: *Analysis of "Bikelash" and recommendations for mitigation*

#### **Undergraduate thesis advisor**

Tessa Hansen (Complete), Concordia University, Montreal, Canada 2023-2024  
Principal Advisor  
Expected Completion Date: April 2024  
Thesis title: *Climate change is touching ground: Are we prepared yet? A global analysis on adaptation progress*

Juliette Lebold (Complete), Concordia University, Montreal, Canada 2022-2023  
Principal Advisor  
Date Completed: April 2023  
Thesis title: *Policies to preserve biodiversity in agriculture*

## Research assistant supervision

Violet Massie-Vereker (2022-current), Meagan Oxley (2023), Anna Newton (2023), Zacharie Carriere (2023), Juliette Lebold (2022), Isabella Pomeroy (2022), Becket Osterland (2021), Verity Thomson (2019-2021), Jean-Philippe Lemay (2019-2021), Maesha Elahi (2020), Claire Schaffter (2019-2020), Janoah Willsie (2019-2020), Malcolm Araos (2017-2018), Geneva List (2017-2018), Florian Dorner (2017-2018), Mathijs Veenkant (2017-2018), Andrew Tanabe (2017-2018), Frances Wang (2017-2018), Aleksandra Conevska (2016), Akiva Blander (2016)

## SERVICE

### DEPARTMENTAL SERVICE

#### Geography, Planning and Environment

*Department Hiring Committee* 2024

- Served on DHC with Craig Townsend, Bengi Akbulut, Ted Rutland, and Kevin Gould.
- Review an application for a spousal hire position of Assistant Professor in Political Ecology in the Department of Geography, Planning and Environment.

*GPE CUSRA Award Ranking Committee*, with Craig Townsend and Leila Ghaffari 2024

- Review applications from GPE students to Concordia Undergraduate Student Research Awards program.
- Provide recommendations to Faculty of Arts and Science.

*Department Hiring Committee* 2022-2023

- Served on DHC with Pierre Gauthier, Norma Rantisi, Bengi Akbulut, and Silvano De La Llata.
- Review applications for position of Assistant Professor in Urban Planning/Urban Studies in the Department of Geography, Planning and Environment.

*Departmental Seminar Series*, Co-organizer with Bengi Akbulut 2022-2023

- Organize annual department seminar series, including invitation of speakers, event advertisement, and chairing each talk.

*GPE CUSRA Award Ranking Committee*, with Craig Townsend and Alan Nash 2023

- Review applications from GPE students to Concordia Undergraduate Student Research Awards program.
- Provide recommendations to Faculty of Arts and Science.

*Departmental Seminar Series*, Co-organizer with Youjung Kim 2021-2022

- Organize annual department seminar series, including invitation of speakers, event advertisement, and chairing each talk.

*GPE CUSRA Award Ranking Committee*, with Craig Townsend and Alan Nash 2022

- Review applications from GPE students to Concordia Undergraduate Student Research Awards program.
- Provide recommendations to Faculty of Arts and Science.

*Departmental Seminar Series*, Co-organizer with Angela Kross 2020-2021

- Organize annual department seminar series, including invitation of speakers, event advertisement, and chairing each talk.

- GPE CUSRA Award Ranking Committee*, with Craig Townsend and Alan Nash 2021
- Review applications from GPE students to Concordia Undergraduate Student Research Awards program.
  - Provide recommendations to Faculty of Arts and Science.

FACULTY SERVICE **Faculty of Arts and Science**

- Interdisciplinary Working Group on Advancing Climate Policy* 2022-2023
- Co-organizer of a discussion group on climate action funded by the Centre for Interdisciplinary Studies in Society and Culture, Concordia University.

- SSHRC Master's University Selection Committee* 2022-2023
- Review applications from Faculty of Arts and Science Master's students to the SSHRC Master's funding competition.
  - Provided recommendations to Faculty of Arts and Science.

OTHER SERVICE **Academic Service**

- Journal Review Activities* From 2013
- Several reviews per year since 2013 for: Environmental Management, WIRES Climate Change, Climatic Change, Nature Communications, FACETS, Climate Policy, Policy Sciences, Climatic Change, Regional Environmental Change, Cities, Environmental Policy and Governance, Climate and Development, Global Environmental Change, BMC Public Health, One Earth, Sustainability, Regional Environmental Change, Environmental Science and Policy, Climate Change Letters

- Associate Editor* From 2023
- Regional Environmental Change: Editorial Board Member
  - Publisher: Springer-Nature

- PhD examining committee* 2024
- Candidate: Travis R. Moore
  - Title: "Framing Extreme Precipitation Events in the Context of Cumulative Emissions"
  - Institution: Department of Geography, Planning and Environment, Concordia University

- PhD examining committee* 2023
- Candidate: Emily Theokritoff
  - Title: "Constrained and limited: understanding what makes adaptation challenging"
  - Institution: Faculty of Mathematics and Natural Sciences, Humboldt-Universität zu Berlin

- PhD examining committee* 2023
- Candidate: Lucy Wanjiku Njuguna
  - Title: "Designing climate change adaptation trackign in the livestock sectors of eastern Africa: a case for creating cross-scalar linkages"
  - Institution: Public Administration and Policy, Wageningen University and Research

- Co-organizer: North America Network of the Earth Systems Governance Association* From 2023
- Co-manage communication and events across the network.

- IDRC-FCDO Climate Adaptation and Resilience (CLARE) Initiative* 2022
- External reviewer for research project selection under the CLARE Initiative

*Lancet Countdown: Tracking Progress on Health and Climate Change* 2022  
 • External reviewer on indicators for tracking public and political engagement on health and climate change

*Global Adaptation Mapping Initiative* 2019-2021  
 • Coordinating and administrative team: Coding team lead

**Professional Service**

Canadian Climate Institute 2021-2027  
*Member of the Expert Panel on Adaptation:* Review and make recommendations to CCI staff on research scope, methodologies, outputs, and recommendations; support efforts to communicate findings and recommendations to the public and other stakeholders.

Canadian Climate Institute 2022-2023  
*Chair of the Project Advisory Group for "Learning from the 2021 BC Heatwave to Enhance Resilience":* Provide scientific guidance on research scope and methods, technical review of publications and policy recommendations, and advice to support CCI's engagement and communication initiatives.

Canadian Climate Institute 2022-2023  
*Member of the Project Advisory Group for a study on heat pump affordability in Canada:* Review and make recommendations to CCI staff on research scope, methodologies, outputs, and recommendations; support efforts to communicate findings and recommendations to the public and other stakeholders.

**Community Service**

THEMUSEUM (Kitchener, Ontario) 2019-2020  
*Expert advisor on special exhibit about climate change: "ALARM"*

McGill University Geography Graduate Society 2017-2018  
*VP Communications*

McGill University Geography Graduate Society 2016-2017  
*President*

SCARP Student Symposium: Embracing ComplexCity 2013-2014  
*Coordinator*

UBC School of Community and Regional Planning 2013  
*Admissions Committee*

**MEDIA**

Global News Montreal  
*Global TV* May 8, 2024

Quebec AM  
*CBC Radio Quebec* November 13, 2023

CBC's The National  
*CBC* Nov 2, 2023

CBC News Ottawa <i>CBC Ottawa</i>	August 10, 2023
The Elias Makos Show <i>CJAD 800</i>	August 10, 2023
CBC Daybreak Montreal with Ainslie MacLellan <i>CBC Radio Montreal</i>	July 17, 2023
CBC News Montreal at 6 with Debra Arbec <i>CBC News Montreal</i>	July 14, 2023
CBC Daybreak Montreal with Rebecca Ugolini <i>CBC Radio Montreal</i>	May 22, 2023
CTV Morning Live Ottawa with Rosey Edeh <i>CTV News</i>	May 11, 2023
Quebec AM with Julia Caron <i>CBC Radio Quebec</i>	November 21, 2022
CBC Montreal News at 11 with Sudha Krishnan <i>CBC Montreal</i>	November 4, 2022
CBC Daybreak Montreal with Sean Henry <i>CBC Radio Montreal</i>	November 21, 2022
CBC Montreal News at 11 Sudha Krishnan <i>CBC Montreal</i>	November 4, 2022
CTV Montreal News at 6 with Amanda Kline <i>CTV Montreal</i>	September 18, 2022
CBC Montreal Let's Go with Sabrina Maranola <i>CBC Radio Montreal</i>	September 14, 2022
CTV Montreal News at 5 with Maya Johnson <i>CTV Montreal</i>	September 14, 2022
CBC Montreal Let's Go with Sabrina Maranola <i>CBC Radio Montreal</i>	August 15, 2022
CBC Daybreak Montreal with Sean Henry <i>CBC Radio Montreal</i>	August 12, 2022
CBC's The National <i>CBC</i>	August 11, 2022
CTV Montreal News at 6 with Amanda Kline <i>CTV Montreal</i>	August 7, 2022
CBC Montreal News at 11 with Matt D'Amours <i>CBC Montreal</i>	July 21, 2022
CBC Daybreak Montreal with Rebecca Ugolini <i>CBC Radio Montreal</i>	July 19, 2022
CBC Montreal News at 11 Sudha Krishnan <i>CBC Montreal</i>	January 19, 2022

- DON'T LOOK UP: LA RÉALITÉ REJOINT-ELLE LA FICTION?  
*La Presse* January 21, 2022
- Green Party of Canada React to United Nations IPCC report on Climate Change  
*Global Green News* August 19, 2021
- Metro's low-income households feel heat waves more than their wealthier neighbours  
*Vancouver Sun* August 12, 2021
- Vancouver Considers Abandoning Parts of the Coast Because of Climate Change  
*Motherboard Vice* November 4, 2016
- Adaptation aux changements climatiques: une bonne note pour le Canada  
*La Presse* December 4, 2015
- Climate change adaptation in high income countries: Some clear progress  
*Science Daily* November 10, 2015