

The Canadian Association of Geographers Directory

2022

L'Annuaire de l'Association Canadienne des Géographes

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Canadian Association of Geographers
Association Canadienne des Géographes



Canadian Association of Geographers Association Canadienne des Géographes

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Executive Committee 2022 Comité exécutif

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Chantal Déry (Québec)

Claire Hay (Western / Ouest)

Celeste Digiovanni (Student / Étudiante)

Leena Lamontagne-Dupuis (Student/Étudiante)

Editor of *The Canadian Geographer* / Rédactrice en chef de *Le Géographe Canadien*

Nadine Schuurman

Executive Director / Directrice exécutive

Philip Thibault

Email Address / Adresse électronique : info@cag-acg.ca

Website / Site web : www.cag-acg.ca

Table of Contents

**Geography Department Program Enrolment, Academic Year 2021-2022 /
Inscription aux départements de géographie, Année académique 2021-2022**

Departments of Geography / Départements de géographie

Algoma University	1
Bishops University	3
Brandon University	5
Brock University	7
Carleton University	11
Concordia University	15
Dalhousie University	19
Kwantlen Polytechnic University	23
Lakehead University	24
McGill University	26
McMaster University	31
Memorial University of Newfoundland.....	37
Mount Allison University	39
Mount Royal University	42
Nipissing University.....	43
Queen's University.....	45
Saint Mary's University.....	51
Simon Fraser University	53
The King's University.....	59
Thompson Rivers University	60
Toronto Metropolitan University.....	62
Trent University	67
Trinity Western University.....	69
Université de Moncton.....	71
Université de Montréal.....	73
Université de Sherbrooke	75
Université du Québec à Chicoutimi	79
Université du Québec à Montréal	80
Université du Québec à Rimouski	86
Université du Québec à Trois-Rivières	88
Université Laval.....	89
University of Alberta.....	93
University of Alberta – Augustana Campus.....	97
University of British Columbia.....	98
University of British Columbia – Okanagan Campus	104
University of Calgary	107
University of the Fraser Valley	111
University of Guelph.....	114

University of Lethbridge	117
University of Manitoba	121
University of Northern British Columbia	125
University of Ottawa / Université d'Ottawa	128
University of Regina.....	131
University of Saskatchewan.....	133
University of Toronto (Mississauga).....	137
University of Toronto (Scarborough).....	141
University of Toronto (St. George)	144
University of Victoria.....	150
University of Waterloo.....	154
University of Western Ontario.....	158
University of Winnipeg.....	162
Vancouver Island University	165
Wilfrid Laurier University.....	168
York University.....	172

Appendices / Annexes

Appendix 1 / Annexe 1	Constitution	179
Appendix 2 / Annexe 2	CAG AGM / AGA de l'ACG.....	186
Appendix 3 / Annexe 3	Presidents of the CAG / Président(e)s de l'ACG	187
Appendix 4 / Annexe 4	CAG Award Winners / Gagnant(es) des prix de l'ACG	188
Appendix 5 / Annexe 5	Starkey-Robinson Award Winners / Gagnant(es) du prix Starkey-Robinson	193
Appendix 6 / Annexe 6	Julian M. Sceicz Award Winners / Gagnant(es) du prix Julian M. Sceicz.....	195
Appendix 7 / Annexe 7	2017 CAG Undergraduate Award Winners / Gagnant(e)s du prix de premier cycle de l'ACG 2017	196
Appendix 8 / Annexe 8	Study Groups / Groupes d'étude	198

Geography Department Program Enrolment Academic Year 2021-2022

University	Undergraduate			Graduate	
	Honours	Majors	Minors	MA/MSc	PhD
Carleton University	77	23	31	39 ⁽¹⁾	28
Concordia University	44	1095 ⁽²⁾	–	124	41
McGill University	41	213	262	47	44
McMaster University	389	360	–	42	43
Memorial University	6	177	94	43	16
Mount Allison University	7	80	71	–	–
Mount Royal University	–	–	30	–	–
Nipissing University	70	–	–	16	–
Queen's University	69	106	83	29	53
Saint Mary's University	1	72	20	8	–
Simon Fraser University	–	390	60	20	32
The King's University	–	–	4	–	–
Trent University	71	12	28	5	2
Trinity Western University	2 ⁽³⁾	23 ⁽⁴⁾	10 ⁽⁵⁾	–	–
University of Alberta, Augustana	–	54	8	–	–
University of British Columbia (UBC)	25	506	199	40 ⁽⁶⁾	70
University of Calgary	3	360	24	99 ⁽⁷⁾	23
University of the Fraser Valley	1	98	24	–	–
University of Guelph	247	247	131	45 ⁽⁸⁾	28
University of Lethbridge	–	127	–	19	18
University of Manitoba	4	14	56	47	32
UNBC	–	94	38	21	8
University of Regina	1	50	7	–	–
University of Saskatchewan	25 ⁽⁹⁾	108 ⁽¹⁰⁾	–	19	20
University of Toronto, Mississauga	–	869	425	–	–
University of Toronto, St. George	66	307	483	119 ⁽¹¹⁾	132 ⁽¹¹⁾
University of Victoria	12	599	30	45	40
University of Waterloo	738	61	65	153	83
University of Western Ontario	105	125	32	13	1
University of Winnipeg	4	147	92	–	–
Vancouver Island University	–	45	12	33	–

Note: footnotes are on the following page iv.

Inscription aux départements de géographie

Année académique 2021-2022

Université	1 ^e cycle	en maj. ^(a)	en min.	2 ^e cycle	3 ^e cycle	M	PhD
Université de Montréal	232	237 ^(a)	38	3 ^(b)	27	18	9
Université du Québec à Trois- Rivières (UQTR)	50	–	–	–	–	12	5
Université Laval	123	–	–	26	20	–	26

^(a) Combinées catégories BAC et en maj,

^(b) DESS en géographie et études environnementales

Footnotes for table on page iii

- (1) 11 MA, 28 MSc
- (2) Majors / Specializations / Minors combined
- (3) 2 Environmental Studies BA
- (4) 3 Geography, 5 Environmental Studies BA, 15 Environmental Studies BSc
- (5) 4 Geography, 2 Environmental Studies BA, 4 Environmental Studies BSc
- (6) 18 MA, 22 MSc
- (7) 5 CGIT, 60 MGIS, 9 MA/25 MSc
- (8) Combined MA, MSc, and Master of Conservation Leadership
- (9) This number includes students from the following Programs – Environmental Earth Science, Environment and Society, Regional and Urban Planning
- (10) This number includes students from the following Programs – Environmental Earth Science, Environment and Society, Regional and Urban Planning, Hydrology
- (11) Tri-campus: Includes 66 MSc Planning, 34 PhD Planning

Algoma University

Department of Geography, Geology, and Land Stewardship
Sault Ste. Marie, Ontario, P6A 2G4
705-949-2301

Website: <https://algomau.ca/academics/programs/geography-geology/>

Department Offers

B.A. General and Honours in Geography, Geomatics Certificate, Aki & Environmental Stewardship Certificate, Level 1 of the National Aboriginal Lands Managers Association (NALMA) Professional Lands Management Certification Program (PLMCP), and foundational Geology courses. We have research, experiential, and programming partnerships with the Lake Superior Living Labs Network, Sault Ste. Marie Food Bank Farm, and NALMA.

Faculty

Professors Emeriti:

William Osei, Ph.D. (Western Ontario)

Email Address:

William.Osei@algomau.ca

Associate Professor(s):

Paulette Steeves¹, Ph.D. (Cree- Métis), (Binghamton) Paulette.Steeves@algomau.ca
Indigenous Archaeology
Indigenous Geographies, Social Justice
Canada Research Chair
Healing and Reconciliation

Nairne Cameron¹, Ph.D. (Ottawa)
Food Systems and Access
Spatial Analysis & GIS
Land Stewardship

Nairne.Cameron@algomau.ca

Adjunct Professor(s):

Michael Doyle, Ph.D. (Claremont Graduate School/Rancho Santa Ana Botanic Garden)
mfeehandoyle@gmail.com

Sessional Faculty:

Cheryl Recollet (Anishinaabe), (McGill).
Indigenous Knowledge
Environmental Stewardship

Cheryl.Recollett@algomau.ca

¹ Department Chair

Dr. Rebecca Ellis, Ph.D., (Western)
Animal Geographies
Political Ecology

Rebecca.Ellis@algomau.ca

Kim Mihell, (Lakehead)
Environmental Studies
People and Environment

Kim.Mihell@algomau.ca

Bishop's University
Department of Environment and Geography
Sherbrooke, QC J1M 1Z7
(819) 822-9600 – Fax (819) 822-9661
Website: www.ubishops.ca/eq

Department Offers

BA Geography, BA Environmental Studies, and BSc Environmental Science
Honours, major and minor programmes.
Specialization in Sustainable Agriculture and Food Systems www.ubishops.ca/SAFS

Faculty

Professors Emeriti:

J. Derek Booth, PhD (McGill)
C. G. Rose, PhD (Clark)

Email Address:

dbooth@ubishops.ca
crose@ubishops.ca

Professors:

Darren Bardati¹, PhD (McGill)
Sustainable agriculture and food systems
Food and water security
Adaptation to climate change

dbardati@ubishops.ca

Norman Jones, PhD (Waterloo)
Climate change and the Quebec wine industry
Flood hazards in southern Quebec

njones@ubishops.ca

Elisabeth Levac, PhD (Dalhousie)
Holocene
Impact of air pollution on human health
Paleoceanography, Paleoclimatology
Pollen and allergies

elevac@ubishops.ca

Matthew Peros², PhD (Ottawa)
Holocene environmental change in
southern Quebec, eastern Canada, and the
Caribbean Younger Dryas
Paleoecology and dendroecology

mperos@ubishops.ca

Assistant Professor:

Jane Morrison, PhD (Polytechnic Univ. of Catalonia) jmorriso@ubishops.ca
Sustainable agriculture and food systems
Ecosystem services of weeds, wild pollinators

¹ Chair (Faculty information as of July 1, 2020)

² Tier II Canada Research Chair in Climate and Environmental Change

Lecturers:

Bruno Courtemanche, MSc (Sherbrooke)

bcourtem@ubishops.ca

GIS

Limnology and oceanography

Remote sensing and instrument design

Jennifer Downing, M.Ed. (Bishop's)

jdowning@ubishops.ca

Sustainable agriculture and food systems

Permaculture design

Urban and community agriculture

Brandon University

Department of Geography and Environment

270-18th Street, Brandon, MB R7A 6A9

(204) 727-9677 (Faculty of Science Admin. Ass't) — Fax (204) 728-7346

Website: <http://www.brandonu.ca/geography/>

Department Offers

BA or BSc Environmental Studies Concentration

BA or BSc Geomatics Concentration

BA or BSc Honours

Faculty

Professors Emeriti:

John Everitt, PhD (UC Los Angeles)

Human geography, tourism

Rod McGinn, PhD (Manitoba)

Hydrology, glacial geomorphology, meteorology

Email Address:

everitt@brandonu.ca

mcginn@brandonu.ca

Professor:

Douglas Ramsey¹, PhD (Guelph)

Agricultural restructuring

Rural community well-being

Rural tourism

ramsey@brandonu.ca

Associate Professors:

Derrek Eberts², PhD (York)

Canadian brewing industry

Tourism impacts

Downtown revitalization

Ethnic recreational landscapes

Rachel Herron³, PhD (Queens)

Rural health

Aging

Dementia

Care and caregiving

Voluntarism

Gender and health

ebertsd@brandonu.ca

herronr@brandonu.ca

¹ Member of the Department of Rural Development

² Chair (Faculty information as of July 1, 2016)

³ Canada Research Chair, Rural and Remote Mental Health (Tier II)

Alexander Koiter, PhD (UNBC)	koitera@brandonu.ca
Watershed science	
Soil and water conservation	
Geomorphology	
Sediment dynamics	
Christopher Malcolm, PhD (Victoria)	malcolmc@brandonu.ca
Wildlife management	
Wildlife ecotourism	
Human dimensions of wildlife and tourism	
Pete Whittington, PhD (Waterloo)	whittingtonp@brandonu.ca
Hydrology	
Wetlands	
Peatlands	
Dion Wiseman, PhD (Indiana State)	wiseman@brandonu.ca
Land cover mapping	
GIS/Remote sensing	
Unmanned air vehicles	

Assistant Professors:

Mizhar Mikati, PhD (York University)	mikatim@brandonu.ca
Political economy of food	
Social and environmental theory	

Instructional Associate:

Wenonah van Heyst, MGIS (Calgary)	fraserw@brandonu.ca
-----------------------------------	---------------------

Adjunct Professors:

David Lobb, PhD (University of Guelph)	David.Lobb@umanitoba.ca
Aaron Glenn, PhD (University of Manitoba)	aaron.glenn@canada.ca
Micrometeorology, soil science, land surface-atmosphere interactions	
Scott Ketcheson, PhD (University of Waterloo)	sketcheson@athabascau.ca
Taras Lychuk, PhD (University of Maryland)	taras.lychuk@canada.ca
Chris Nicolai, PhD (University of Nevada Reno)	cnicolai@deltawaterfowl.org
Maria Strack, PhD (McMaster University)	mstrack@uwaterloo.ca
Ecohydrology, biogeochemistry, wetlands, restoration	
Julie Chamberlain, PhD (York University)	chamberlainj@brandonu.ca
Critical urban social and cultural geography	
Geographies of racialization in Germany and Canada	
Migrant communities and placemaking	

Brock University

Department of Geography and Tourism Studies

St. Catharines, ON L2S 3A1

(905) 688-5550, ext. 3484

Email: geography@brocku.ca

Website: <https://brocku.ca/social-sciences/geography/>

Department Offers

BA, BSc, MA; faculty also participate in interdisciplinary masters programs in Social Justice and Equity Studies, Sustainability Science and Society, Popular Culture, and Earth Sciences

Faculty

Professor Emeritus:

Email Address:

Hugh J. Gayler, PhD (British Columbia)

hjgayler@brocku.ca

Niagara's emerging wine culture

Planning issues on the rural-urban fringe

Smart growth

Urbanisation and agricultural land preservation

Catherine Jean Nash, PhD (Queen's)

catherine.nash@brocku.ca

Feminist geography

Gender and sexuality

LGTTQ issues

Queer theory

Social and cultural geography

Anthony B. Shaw, PhD (Western)

tshaw@brocku.ca

Climate change impacts, mitigation, and adaptation

Delimiting wine appellations and sub-appellations

Climatic and topographic analysis for specialty crops

Passive and active freeze protection methods for crop production

Energy efficient buildings and energy conservation

Wind resource assessment for wind power

Professors:

David Butz, PhD (McMaster)

dbutz@brocku.ca

Road construction, mobility and social change in the global south

Community level social organisation in northern Pakistan

Mobility justice

Qualitative methodology

Sound and spatiality

Social and cultural geography

David Fennell, PhD (Western)

dfennell@brocku.ca

- Ecotourism
- Nature-based tourism
- Tourism ethics
- Ecotourism policy and planning
- Christopher Fullerton, PhD (Saskatchewan) chris.fullerton@brocku.ca
- Rural planning and development
- Tourism development in Niagara Region
- Ottawa's planning history
- Experiential learning in Geography and Tourism Studies
- Phillip Gordon Mackintosh, PhD (Queen's) pmackintosh@brocku.ca
- Historical mobilities, including bicycling
- Public space and bourgeois culture
- Urban reform and city planning
- Victorian gender relations and fraternalism
- Historical newspapers and liberalism
- John Menzies, PhD (Edinburgh), P. Geo jmenzies@brocku.ca
- Drumlins and MSGSL bedforms
- Glacial microsedimentology
- Subglacial sediments
- Past glacial environments
- Michael Pisaric¹, PhD (Queen's) mpisaric@brocku.ca
- Climate change impacts on northern ecosystems
- Dendrochronology
- Paleolimnology
- Biogeography
- Michael Ripmeester, PhD (Queen's) mripmeester@brocku.ca
- Geographies of popular memory
- Geography and ethnohistory
- Historical and cultural geography
- Historical geographies of First Nations in Ontario
- Dragos Simandan, PhD (Bristol) simandan@brocku.ca
- Economic Geography
- Critical Human Geographies and Critical Urban Theory
- Health, Well-being, and the Politics of Biomedical Research
- Social Theory and Philosophy of the Social Sciences
- Interface between Geography and the Cognitive Sciences
- David J Telfer, PhD (Waterloo) dtelfer@brocku.ca
- Linkages between tourism and development theory
- Tourism planning and development
- Rural tourism development

Associate Professors:

- Julia Baird, PhD (Saskatchewan) jbaird@brocku.ca
- Water resilience
- Water governance

¹ Chair (Faculty information as of July 1, 2019)

Social-ecological systems

- | | |
|---|-----------------------|
| Jeff Boggs, PhD (UC Los Angeles) | jeff.boggs@brocku.ca |
| Economic geography | |
| Economic evolution of the Niagara Region | |
| Locational dynamics of media industries | |
| Regional political economy | |
| Mixed methods research techniques | |
| Geographical pedagogy | |
| David T Brown, PhD (McGill) | dbrown@brocku.ca |
| Digital tourism and interpretation | |
| Municipal cultural mapping | |
| Niagara Greenbelt Gateway Project | |
| Friends of Laura Secord publications, projects, and initiatives: digital interpretation, Laura Secord Legacy Trail, community infrastructure projects | |
| Land management plans for the Niagara Parks Commission | |
| Trail and greenway management | |
| Sustainable integrated waste management theory and practice | |
| Danuta De Grosbois, PhD (Carleton) | ddegrosbois@brocku.ca |
| Sustainable tourism management | |
| Tourism certification | |
| Measurement of CSR performance | |
| CSR reporting in tourism industry | |
| Atsuko Hashimoto, PhD (Surrey) | ahashimoto@brocku.ca |
| Socio-cultural and human aspects of tourism development (especially women and children) | |
| Human rights issues in Tourism | |
| Sustainable Tourism Development in the rural areas | |
| Culinary Tourism | |
| Indigenous Tourism in Japan | |
| Marilyne Jollineau, PhD (Waterloo) | mjollineau@brocku.ca |
| Ecological measures of environmental stewardship | |
| Mapping and monitoring land-use/land-cover change over time | |
| Remote sensing | |
| Spatial data analyses | |
| Kevin Turner, PhD (Wilfrid Laurier) | kturner2@brocku.ca |
| Climate change | |
| Northern freshwater landscapes | |
| Hydrology | |
| Spatial analysis | |
| Paleolimnology | |
| Ebru Ustundag, PhD (York) | eustundag@brocku.ca |
| Urban geography | |

Citizenship studies
Feminist geographies
Geographies of sex-work
Geographies of health and addiction
Scholarly activism

Adjunct Professors:

Jayson Childs, PhD (Wilfrid Laurier)

jchilds@brocku.ca

Coastal geomorphology
Aeolian geomorphology
Water resources
Geography and education
Coastal management

Carleton University

Department of Geography and Environmental Studies

1125 Colonel By Drive, Ottawa, ON K1S 5B6

(613) 520-2561 — Fax (613) 520-4301

E-Mail: Chair_Geography@carleton.ca

Website: <http://www.carleton.ca/geography>

Department Offers

BA in Geography; Environmental Studies; Geomatics. BSc in Physical Geography; Geomatics. MA in Geography (Human Geography, Land Resource Use [Management and Appraisal] and GIS). MSc in Geography (Physical Geography; Geomatics) PhD in Geography (Societal Change; Environmental Change)

Faculty

Distinguished Research Professors:

E-mail Address:

John Clarke, PhD (Western Ontario)

John.Clarke@carleton.ca

Ethnicity and agriculture

Oligarchy and land in the second British Empire: Upper Canada 1788-1841

D. R. Fraser Taylor, PhD (Edinburgh)

Fraser.Taylor@carleton.ca

International Affairs, Geography and Environmental Studies

Director, Geomatics and Cartographic Research Centre

The application of geospatial information management to the analysis of key socio-economic problems in national, international and Indigenous contexts and presentation of findings in innovative Cybercartographic form and publication

Professors Emeriti:

J. Clarke, P. Johnson, F. Klodawsky, F. Mackenzie, M. Ray, P. Ricketts, F. Taylor, J. J. Tunbridge, I. Wallace

Chancellor's Professor:

Chris Burn, DSc (Durham), P.Geo.

Christopher.Burn@carleton.ca

Permafrost and ground ice

Physical geography of the Yukon and western Arctic Canada

Professors:

Patricia Ballamingie¹, PhD (Carleton)

Patricia.Ballamingie@carleton.ca

Food policy and food systems governance

Community-engaged scholarship

¹ Chair (July 1, 2022-June 30, 2023)

Stephan Gruber, Dr. Sc. Nat. (Zurich)	Stephan.Gruber@carleton.ca
Permafrost and impacts of its thaw	
Cold environments at high latitude and high elevation	

Elyn Humphreys, PhD (British Columbia)	Elyn.Humphreys@carleton.ca
Biometeorology	
Carbon cycling in peatlands and Arctic tundra	

Associate Professors:

Emilie Cameron, PhD (Queen's)	Emilie.Cameron@carleton.ca
Critical northern geographies	
Geographies of Indigenous/non-Indigenous relations, colonialism, and	
geographies of resource extraction	
Indigenous self-determination	

Karen Hébert, PhD (Michigan)	Karen.Hebert@carleton.ca
Environmental politics in the subarctic North	
Resource industries and commercial fisheries	
Struggles over sustainability	

Pablo Mendez, PhD (British Columbia)	Pablo.Mendez@carleton.ca
Housing and metropolitan change	
Informality and urban livelihoods	
Urbanization and grassroots politics	

Scott Mitchell, PhD (Toronto)	Scott.Mitchell@carleton.ca
Land cover and vegetation mapping in managed landscapes	
Spatial analysis of landscape pattern and environmental processes	
Impacts of climate change and extreme weather on agriculture	

Derek Mueller, PhD (Laval)	Derek.Mueller@carleton.ca
Arctic ice shelves and ice islands	
Breakup of landfast sea ice	
Ice-ocean and ice-atmosphere interaction	

Peter Pulsifer, PhD (Carleton)	Peter.Pulsifer@carleton.ca
Geographic information interoperability	
Cartography and visualization	
Inuit ecological knowledge	
Cross-cultural collaborative research methodologies and ethics	
Linking Inuit and scientific knowledge in decision-making	

Murray Richardson, PhD (Toronto)	Murray.Richardson@carleton.ca
Geomatics and environmental geo-computation	
High-resolution landscape analysis	
Northern watershed ecosystems, cold region hydrology and water quality	
Wetlands	

Jennifer Ridgley, PhD (Toronto) Migrants' rights and citizenship in the city Urban policing and law enforcement	Jennifer.Ridgley@carleton.ca
---	------------------------------

Derek A. Smith, PhD (Kansas) Cultural geography Local environmental knowledges Forest use and conservation Participatory mapping	Dereka.Smith@carleton.ca
--	--------------------------

Sophie Tamas, PhD (Carleton) Arts-based and narrative-based research Emotion, affect, identity and change Post-traumatic bodies, places and things	Sophie.Tamas@carleton.ca
---	--------------------------

Jill Wigle, PhD (Toronto) Informality and urban governance in Latin America Geographies of housing, spatial regulation, and precarity in Mexico City Land, housing and the Right to the City	Jill.Wigle@carleton.ca
---	------------------------

Jesse Vermaire, PhD (McGill) Aquatic ecology Environmental change Paleolimnology	Jesse.Vermaire@carleton.ca
---	----------------------------

Assistant Professors:

David Hugill, PhD (York) Colonial urbanisms, urban political ecology, Indigenous urbanization, political organizing, socio-economic exclusion, North American inner cities	David.Hugill@carleton.ca
---	--------------------------

Koreen Millard, PhD (Carleton) Remote Sensing of environmental change GIS, statistics, time series analysis, machine learning classification	KoreenMillard@carleton.ca
--	---------------------------

Dipto Sarkar, PhD (McGill) GIScience, social network analysis, OpenStreetMap, biodiversity conservation	Dipto.Sarkar@carleton.ca
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Sheryl-Ann Simpson, PhD (Cornell) Migration, place and citizenship Environmental justice, health and well-being Spatial analysis (participatory, quantitative, qualitative, interpretive)	SherylAnn.Simpson@carleton.ca
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Instructors:

Kevin Hamdan, PhD (Simon Fraser) Physical geography/soil science	Kevin.Hamdan@carleton.ca
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Biogeography
Climate Change

John Milton, MA (Carleton)
Grassroots innovation
Technology, society and the environment
Innovation studies

John.Milton@carleton.ca

Paul Williams, PhD (Queen's)
Cultural/historical geography
Post-industrial landscapes

Paul.Williams@carleton.ca

Lecturer:

Meera Karunanathan, MA (Ottawa)
Feminist political ecology; hydro-social conflicts in the global South;
water justice movements; decolonial and anti-racist praxis

Meera.Karunanathan3@carleton.ca

Adjunct Professors:

S. Carey, J. Chetelat, G. Crocker, A. Davidson, S. Fast, B. Harvey, B. Hipwell, J. Ives, S. Kokelj, V. Konrad, C. Levkoe, K. Lindsay, G. Ljubicic, S. Marshall, P. Morse, P. Mount, H. McNairn, I. Naujokaitis-Lewis, S. Nickels, M. Pisaric, J. Spence, P. Sutherland, A.Thiagarajan, A. Tivy, A. Vanderzaag, R. Waldick, S. Wolfe

Note: Contact information for Professors Emeriti and Adjunct Professors is available at
<http://www.carleton.ca/geography/staff-faculty/>

Concordia University

Department of Geography, Planning and Environment
1455 de Maisonneuve Blvd. West, Montreal, QC H3G 1M8
(514) 848-2424 ext. 2050

Email: Geogplanenviro@concordia.ca

Website: <http://www.gpe.concordia.ca>

Department Offers

BA Human Environment, BSc Environmental and Sustainability Science, BSc Environmental Geography, BA Urban Studies, BA Urban Planning, BA Minor in Geospatial Technologies, Undergraduate Certificate in Geospatial Technologies, Master of Science in Geography, Urban and Environmental Studies, Graduate Diploma in Environmental Assessment DEA, Masters of Environment Environmental Assessment, PhD Geography, Urban and Environmental Studies

Faculty

Distinguished Professors Emeritus:

Email Address:

Brian Slack, PhD (McGill)

brian.slack@concordia.ca

Transport geography with a focus on maritime transportation

Port planning and container shipping

Patricia A. Thornton, PhD (Aberdeen)

patricia.thornton@concordia.ca

Population geography

Historical Geography of 19th Century Montreal

Mortality as an indicator of social and environmental justice

Emeritus Professors:

S. Robert Aiken, PhD (Penn State)

robert.aiken@concordia.ca

Tropical deforestation

Cultural geography

Developing country environmental issues

Jacqueline M. Anderson, PhD (Wisconsin)

jackie.anderson@concordia.ca

Cartographic visualization and design

Map user abilities

Map skills education

Max Barlow, PhD (McGill)

geogplanenviro@concordia.ca

Metropolitan governance

Political geography

Leonard Sklar, PhD (California, Berkeley)

leonard.sklar@concordia.ca

Fluvial, Hillslope, and Tectonic Geomorphology

Engineering Geology

Hydrology

Ecosystem Restoration

Professors:

Pascale Biron, PhD (Montréal)	pascale.biron@concordia.ca
Hydro-geomorphology and river dynamics,	
River management in agricultural watersheds	
Geographical Information Systems	
Morpho-dynamic numerical modelling	
Stream restoration for fish habitat	
Sébastien Caquard, PhD (Saint-Etienne)	sebastien.caquard@concordia.ca
Mapping narratives	
Geomedia and the geoweb	
Geographic information systems	
Alan E. Nash, PhD (Cambridge)	alan.nash@concordia.ca
Cultural geography	
Restaurants in Montreal	
Gravestones in Iceland and the Caribbean	
Damon Matthews, PhD (Victoria)	damon.matthews@concordia.ca
Climate change	
Global climate modelling	
Monica E. Mulrennan, PhD (Dublin)	monica.mulrennan@concordia.ca
Indigenous resource management	
Community-based conservation	
Local adaptation to environmental change	
Protected areas	
Norma Rantisi, PhD (Toronto)	norma.rantisi@concordia.ca
Industrial restructuring	
Social economy	
Workforce development	
Hydro-geomorphology and fluvial dynamics	

Associate Professors:

Bengi Akbulut PhD (Massachusetts, Amherst)	bengi.akbulut@concordia.ca
Ecological economics	
Political ecology	
Political economy of development	
Feminist economics	
Pierre Gauthier, PhD (McGill)	pierre.gauthier@concordia.ca
Urban morphogenesis	
History of development and planning practices in Quebec	
Impact of normative planning theories on urban form	
Transportation infrastructure and the quality of urban form	
Kevin Gould, PhD (British Columbia)	kevin.gould@concordia.ca
Political ecology	
Critical geography	
Conservation and development	
Cold War Latin America, Guatemala	
Jochen Jaeger, Dr. Sc. Nat. (Zurich)	jochen.jaeger@concordia.ca

Landscape ecology
Road ecology
Monitoring of landscape change
Urban sprawl
Ecological modelling
Impact assessment

Nalini Mohabir, PhD (Leeds) nalini.mohabir@concordia.ca
Postcolonial Geographies (regional focus: Caribbean)
Decolonization
Diaspora
Urbanization in China

Ted Rutland, PhD (British Columbia) ted.rutland@concordia.ca
History of urban planning, housing, and policing
Race and racialization
Urban political economy

Jeannine Marie St-Jacques PhD (Queens) jeanninemarie.st-jacques@concordia.ca
Global environmental change
Dendroclimatology
Palynology and paleolimnology
Climate models
Hydroclimatology

Craig Townsend, PhD (Murdoch) craig.townsend@concordia.ca
Transportation policy, projects and politics,
particularly in relation to public transit
Urban planning in the developing world

Sarah Turner, PhD (Calgary) sarah.turner@concordia.ca
Primate behavioural ecology and conservation
Animal responses to human-induced environmental change
Primate mother-infant interactions
Animals and disability

Assistant Professors:

Silvano De la Llata, PhD (Cornell) silvano.delallata@concordia.ca
Public space
Participatory community planning
Urban design
Social movements and the right to the city
Urban sociology
Open-source urban systems
Planning history
Urban acupuncture
Urban spatial theory and subaltern urbanisms

Angela Kross, PhD (McGill) angela.kross@concordia.ca
Geospatial technologies
Ecosystem processes and their controls

Alexandra Lesnikowski, PhD (McGill) alexandra.lesnikowski@concordia.ca
Climate change adaptation,
Adaptation governance

Adaptation policy analysis
 Comparative policy analysis
 Urban and regional planning
 Systematic evidence synthesis

Affiliate Professors:

Ursula Eicker, PhD (Heriot-Watt University)	ursula.eicker@concordia.ca
Smart and sustainable cities	
Resilient communities and cities	
Jennifer Gobby, PhD (McGill)	jengobby@gmail.com
Environmental and climate justice	
Social movements	
Social transformation	
Settler-Indigenous relations	
Govind Gopakumar, PhD (Rensselaer Polytechnic)	govind.gopakumar@concordia.ca
Science and technology studies	
Urban infrastructure	
Water supply	
Automobility	
Amy Luers, PhD (Stanford)	amyluers@microsoft.com
Global Sustainability	
Climate & Resilience	
Big Data & AI	
Julie Podmore, PhD (McGill)	jpodmore@johnabbott.qc.ca
Lesbian historical geographies	
Feminist geography	
Comparative queer urbanism	
LGBT neighbourhood studies	
LGBT youth and generational studies	
Amy Twigge-Molecey PhD (INRS)	amy.twigge-molecey@concordia.ca
Urban Planning	
Neighbourhood and Community Planning	
Urban Sociology	

Dalhousie University

Department of Earth and Environmental Sciences

Faculty of Science

Halifax, NS B3H 4R2

Email: earth.sciences@dal.ca

Website: <https://www.dal.ca/faculty/science/earth-environmental-sciences.html>

Department Offers¹

Minor in Geography jointly administered by the Faculty of Architecture and Planning, Faculty of Science and Faculty of Arts and Social Sciences; Certificate in GIS; courses in Geography as electives in the BCD, BA and BSc degree programs, cross-listed with courses in contributing departments from Faculties of Architecture & Planning, Science, Arts and Social Sciences. Research and teaching collaborations exist between these faculties plus the Faculties of Computer Science, Health, Law, Management, Medicine and the University Libraries.

Faculty of Architecture and Planning

Email Address:

Professors:

Sarah Bonnemaïson, PhD (British Columbia)

sarah.bonnemaïson@dal.ca

School of Architecture

Architecture and temporary urbanism of festivals; commemorative architecture; vernacular landscapes; design of interactive exhibition

Ahsan Habib, PhD (Toronto)

ahsan.habib@dal.ca

School of Planning and Department of Civil and Resource Engineering

Travel behaviour modelling; transportation-land use interactions; travel demand forecasting; microsimulation of urban systems; physical activity; road safety

Patricia Manuel, PhD (Dalhousie)

patricia.manuel@dal.ca

School of Planning, cross-appointed in Marine Affairs Program and in School of Occupational Therapy

Climate change adaptation planning for coastal regions; coastal community planning; marine spatial planning; social vulnerability and climate change; watershed planning; wetland policy and planning

Associate Professors:

Eric Rapaport, PhD (RIT, Stockholm)

eric.rapaport@dal.ca

School of Planning

Climate change adaptation planning; environmental and land use change using spatial analysis technology; visualization for planning applications; sustainable infrastructure planning; multiple criteria evaluation in environmental planning

¹ Faculty information as of July 01, 2021. Faculty teaching geography or cross-listed geography courses, or conducting geographic research.

Faculty of Arts and Social Sciences

Professors:

Matthew Schnurr, PhD (British Columbia) matthew.schnurr@dal.ca
Department of International Development Studies
Environmental geography; political ecology; agricultural technology; farmer
decision-making; historical geography; environmental security and conflict

Associate Professors:

Robert Huish, PhD (Simon Fraser) huish@dal.ca
Department of International Development Studies
Geographies of development; geographies of health and health care; sport and
geography; activism; experiential learning

Martha Radice, PhD (INRS) martha.radice@dal.ca
Department of Sociology and Social Anthropology
Urban anthropology; anthropology of space/place; public space; public art; public
culture; interethnic relations; neighbourhood change; cosmopolitanism;
Quebec; Canada; New Orleans

Faculty of Health

Professors:

Daniel Rainham, PhD (Ottawa) daniel.rainham@dal.ca
School of Health and Human Performance, cross-appointed in
Community Health and Epidemiology
Health geography; environment and health; environmental epidemiology;
sustainability; nature contact; exposure assessment; children's health

Faculty of Management

Professor Emeriti:

Peter N. Duinker, PhD (New Brunswick) peter.duinker@dal.ca
School for Resource and Environmental Studies
Forest management and policy; environmental assessment; biodiversity
assessment; urban forests; climate change

Karen F. Beazley, PhD (Dalhousie) karen.beazley@dal.ca
School for Resource and Environmental Studies
Landscape/seascape conservation planning; protected area system design;
wildlife habitat connectivity; spatial analysis; Indigenous knowledge systems;
conservation and reconciliation; research ethics

Professors:

Kate Sherren, PhD (Australian National) kate.sherren@dal.ca
School for Resource and Environmental Studies
Energy landscapes; built infrastructure; climate adaptation; farm biodiversity;
visual methods

Associate Professors:

Tony R. Walker, PhD (Nottingham) trwalker@dal.ca
School for Resource and Environmental Studies
Remediation; impacts of industrial pollution; ecological risk assessment;
environmental effects monitoring; environmental impact assessment;
aquaculture management; air pollution

Assistant Professors:

Andrew S. Medeiros, PhD (York) andrew.medeiros@dal.ca
School for Resource and Environmental Studies and College of Sustainability
Freshwater ecology; arctic ecology; biogeography; paleolimnology;
biomonitoring; environmental change; resource development

Alana Westwood, PhD (Dalhousie) a.westwood@dal.ca
School for Resource and Environmental Studies
Species distribution modelling; cumulative effects; forest management planning;
species at risk management; science policy; coproduction of knowledge

Melanie Zurba, PhD (University of Manitoba) melanie.zurba@dal.ca
School for Resource and Environmental Studies and College of Sustainability
Environmental governance, collaboration, participation, Indigenous issues,
qualitative methods

Instructors:

Heather Cray, PhD (Waterloo) hcray@dal.ca
School for Resource and Environmental Studies
Restoration ecology, landscape ecology, biogeography, environmental
geography, biogeomorphology, and soil geography

Lecturers:

Jennifer Grek Martin, MSc (UW-Madison), MLIS (Dalhousie) jn625843@dal.ca
School of Information Management
Perceptions of place in science fiction/fantasy film and literature; cartographic
visualizations; geography and cinematic tourism

Adjunct Instructors:

Peter Bush, PhD (Western Ontario) peter.bush@dal.ca
School for Resource and Environmental Studies
Landscape Ecology; old growth forests; geomatics; protected areas

Faculty of Science

Associate Professors:

Claudio Aporta, PhD (Alberta) claudio.aporta@dal.ca
Marine Affairs Program
(on leave to World Maritime University, Professor, Canadian Chair Marine
Environmental Protection)

Inuit use of the Northwest Passage; spatial perception; anthropology of place and space; anthropology of marine environments; coastal and urban development; cartographic representation; geospatial databases
 Megan Bailey, PhD (British Columbia) megan.bailey@dal.ca
Marine Affairs Program
 Global seafood sustainability, fisheries economics, marine governance, global cooperation, transboundary fisheries, fisheries allocation, equity
 Shannon Sterling, PhD (Duke) shannon.sterling@dal.ca
Department of Earth and Environmental Sciences
 Human impacts on global water cycle; surface water hydrology; impacts of land cover change on hydrologic systems and sediment transport

Assistant Professors:

Hannah L. Harrison, PhD (Norway) hannah.harrison@dal.ca
Marine Affairs Program
 Human dimensions of fisheries; Great Lakes commercial fisheries; stocking and hatcheries; fisheries conflicts; fisheries landscapes and climate change
 Lawrence Plug, PhD (Alaska) lplug@dal.ca
Department of Earth and Environmental Sciences
 Geomorphology

Instructors:

Christopher Greene, PhD (Ryerson) csgreene@dal.ca
Department of Earth and Environmental Sciences
 Geographic Information Science / Systems; Environmental Applications of Remote Sensing; Environmental Decision-Making; Urban Forestry
 Amy Mui, PhD (Toronto) amy.mui@dal.ca
Department of Earth and Environmental Sciences
 Environmental remote sensing; GIS applications; threatened species habitat mapping; landscape connectivity modeling; biodiversity assessment

Sessional Instructors:

Amy Siciliano, PhD (Toronto) amy.siciliano@dal.ca
Department of Earth and Environmental Sciences
 Urban and social geography, environmental geography, cartography

GIS Centre, University Libraries

Lecturers:

James Boxall, MLIS/MA (Dalhousie) james.boxall@dal.ca
Department of Earth and Environmental Sciences; School of Planning; Marine Affairs Program
 Geospatial information management; geosurveillance; volunteered geographic information; GIScience; GIS

Kwantlen Polytechnic University
Department of Geography and the Environment
12666 72 Avenue, Surrey, BC V3W 2M8
604-599-2000

Website: <https://calendar.kpu.ca/programs-az/arts/geography/>

Department Offers

Bachelor of Arts, Major in Applied Geography
Bachelor of Arts, Minor in Geography
Associate of Arts, Geography

Faculty

Email Address:

Leonora King, PhD (UBC) Fluvial geomorphology and the linkages between biotic and abiotic processes in mountain channels, surface hydrology of the Greenland Ice Sheet using remote sensing and geographic information system (GIS) methods	leonora.king@kpu.ca
Johannes Koch, PhD (Simon Fraser) Glacier history, geomorphology, dendrochronology, climate change, tree line fluctuations	joe.koch@kpu.ca
Parthiphan Krishnan, PhD (Reading) GIS applications in social area analysis, with foci in urban agriculture, emergency planning and social services	parthiphan.krishnan@kpu.ca
John Martin, MSc (Simon Fraser) Surface/subsurface hydrology, water chemistry of lakes and wetlands	john.martin@kpu.ca
Mungandi Nasitwitwi, MSc (Simon Fraser) Air pollution and climate change	mungandi.nasitwitwi@kpu.ca
Dola Pradhan, PhD (Victoria) Natural resource management, Coastal aquaculture in India	dola.pradhan@kpu.ca
John Rose, PhD (British Columbia) Suburban residential/commercial redevelopment and social displacement	john.rose@kpu.ca
David Sadoway, PhD (Hong Kong) Asian urbanism; civic environmentalism; urban infrastructure and technologies and community informatics	david.sadoway@kpu.ca

Lakehead University

Department of Geography and the Environment

955 Oliver Road, Thunder Bay, ON P7B 5E1

(807) 343-8010 ext. 8357

Email: geography@lakeheadu.ca

Website: <http://www.lakeheadu.ca/academics/departments/geography>

Department Offers

(H)BA, (H)BSc, HBES (Honours Bachelor of Environmental Studies), HBESc (Honours Bachelor of Environmental Science), Certificate in Geomatics, MES (Masters of Environmental Studies)

Faculty - Thunder Bay Campus

Professors Emeriti:

Email Address:

Robert S. Dilley, PhD (McMaster)

Robert.Dilley@lakeheadu.ca

Changes in the use of common lands in northern England since 1700

Weather in the novels of Arthur Ransome

David D. Kemp, PhD (Edinburgh)

David.Kemp@lakeheadu.ca

19th and 20th century climate change in Northwestern Ontario

Global environmental issues

Weather, climate and the fur trade

Brian J. Lorch, PhD (Queen's)

Brian.Lorch@lakeheadu.ca

Big-box retail landscapes

Reconfiguration of Canadian regional shopping centres

Brian A.M. Phillips, PhD (Wales)

brianph@shaw.ca

Ichthyofaunal and geomorphic evidence for pre-Agassiz and early Agassiz

discharges to Lake Superior through the Ontario/Minnesota borderlands

Post-Glacial Lake Needles and Lake Havasu – partly buried shorelines in the Tri-

State portion of the Colorado River valley, as an explanation of the distribution

of currently discovered Paleo sites

Bradley A. Wilson, PhD (Calgary)

Brad.Wilson@lakeheadu.ca

Landscape and land cover diversity mapping and change detection

Mapping food security in urban and rural environments

Research of image processing techniques to extract useful information from

complementary datasets such as radar, optical, and digital elevation models

Virtual Reality, stereoscopic visualizations for urban planning & other applications

Professor:

Todd A. Randall¹, PhD (McMaster)

Todd.Randall@lakeheadu.ca

Attitudes towards urban intensification and diversification

Impacts of demographic changes on land use in Northern urban areas

Neighbourhood-scale evaluation of urban sustainability

¹ Dean, Faculty of Science and Environmental Studies

Urban planning applications of GIS

Associate Professors:

- | | |
|---|------------------------------|
| Adam Cornwell ² , PhD (Toronto) | acornwel@lakeheadu.ca |
| Climatic changes in Northwestern Ontario | |
| Impacts of climatic change on water resources and agriculture | |
| Land surface modelling within global climate models | |
| Reduction of greenhouse gas emissions | |
| Martha Dowsley ³ , PhD (McGill) | Martha.Dowsley@lakeheadu.ca |
| Biogeography of the Thousand Islands, Ontario | |
| Common property theory | |
| Inuit and natural resource management | |
| Polar bear conservation | |
| Robert M. Stewart, PhD (Manitoba) | Rob.Stewart@lakeheadu.ca |
| Community-based natural resource management in Northwestern Ontario | |
| Flood hazards and social vulnerability in the Red River Basin, Manitoba | |
| William R. Wilson, PhD (Saskatchewan) | will@aspencroft.ca |
| Conservation and historical biogeography in Inner Asia and Himalaya | |
| Geography and indigenous peoples | |
| Northern indigenous agriculture | |
| Kamil Zaniewski, PhD (Amsterdam) | Kamil.Zaniewski@lakeheadu.ca |
| Glacial history of Northwestern Ontario | |
| Glacial history of Southwestern Manitoba | |
| Micromorphology of soils and glacial sediments | |

Assistant Professor:

- | | |
|------------------------------------|--------------------------------|
| Muditha Heenkenda, PhD (Australia) | muditha.heenkenda@lakeheadu.ca |
|------------------------------------|--------------------------------|

Adjunct Professors:

- | | |
|-------------------------------|-----------------------|
| Brian Dunn, PhD (Oxford) | bpdunn@lakeheadu.ca |
| Charles Levkoe, PhD (Toronto) | clevkoe@lakeheadu.ca |
| Mitch Taylor, PhD (Minnesota) | mktaylor@lakeheadu.ca |

Faculty - Orillia Campus

Associate Professors:

- | | |
|--------------------------------|-----------------------|
| Florin Pendea, PhD (McGill) | ifpendea@lakeheadu.ca |
| Rosario Turvey, PhD (Waterloo) | rturvey@lakeheadu.ca |

Assistant Professor (Non-Tenure Track):

- | | |
|--|------------------------|
| Reginald Horne, PhD (Lancaster, UK) | reg.horne@lakeheadu.ca |
| Social and economic life in industrial Orillia 1870-1940 | |
| Social and health Issues in Simcoe County | |

² Chair (Faculty information as of July 1, 2021)

³ Cross-appointed with Anthropology

McGill University
Department of Geography
805 Sherbrooke Street West, Montreal, QC H3A 0B9
(514) 398-4111 — Fax (514) 398-7437
Email: nigel.roulet@mcgill.ca
Website: <http://www.geog.mcgill.ca>

See <https://arsl.geog.mcgill.ca> for most up to date and ongoing research areas in remote sensing.

Department Offers

BA, BA & Sc., BSc, MA, MSc, PhD

Faculty

Professors Emeriti:

Email Address:

Tim Moore, PhD (Aberdeen)

tim.moore@mcgill.ca

Biogeochemistry and ecology of peatlands: the influence of disturbance, land use change, and climatic change

Cycling of carbon, nitrogen, and nutrients in ecosystems: ecological stoichiometry

Soils and global change

Detection of graves by trace gases

Sherry Olson, PhD (John Hopkins)

sherry.olson@geog.mcgill.ca

A GIS platform for studying the 19th-century city

Public health issues in Montreal 1880 and today

Work environments in the 19th-century city

Wayne Pollard, PhD (Ottawa)

wayne.pollard@mcgill.ca

Permafrost geomorphology and cryostratigraphy: including processes associated with the formation and degradation of massive ground ice

Permafrost hydrology: the interaction between groundwater and permafrost, including the study of perennial springs, icings and frost mounds in high latitudes

Polar desert landscapes: the dynamics of landscape change under the extremely cold dry conditions of parts of the high Arctic and Antarctic

Polar landscapes as analogues for Mars

George Wenzel, PhD (McGill)

george.wenzel@mcgill.ca

Northern peoples—renewable resource harvesting in Arctic Canada

Canadian public policy and indigenous people

Hunter-Gatherer subsistence and social economy

Inuit memories of geophysical phenomena

Professors:

Gail Chmura, PhD (Louisiana State)

gail.chmura@geog.mcgill.ca

Wetland dynamics

Biogeochemistry of tidal wetlands: particularly blue carbon (the carbon stored in salt marshes and mangroves) and greenhouse gas flux
 Paleo-environmental reconstruction, particularly of coastal systems
 Research programs on coasts of Canada, examining responses of salt marshes and estuaries to variations in sea level, climate, nutrient enrichment, and anthropogenic disturbance

Oliver Coomes, PhD (Wisconsin-Madison) oliver.coomes@mcgill.ca

Floodplain agriculture and flood risk along Amazonian rivers
 Peasant adaptation to abrupt environmental change
 Poverty, livelihoods, and resource conservation in neotropical forests
 Seed exchange among peasant farmers in Amazonia

Nigel Roulet¹, PhD (McMaster) nigel.roulet@mcgill.ca

Eco hydrology and biogeochemistry of forested and wetlands ecosystems
 The carbon biogeochemistry of production peatlands and the use of peat
 Large -scale peatland dynamics: Hudson Bay Lowland
 Modelling of the development, vegetation dynamics, and carbon and nitrogen cycles of northern peatlands in natural and restored settings
 Peatlands as complex adaptive systems: patterns and process through time and over space

Sarah Turner, PhD (Hull) turner@geog.mcgill.ca

Livelihoods in upland Southeast Asia and southwest China
 Ethnic minority groups in the Sino-Vietnamese borderlands
 Informal trade in urban Southeast Asia
 Upland small cities and migration in Asia

Jon Unruh, PhD (Arizona) jon.unruh@mcgill.ca

Carbon sequestration in woody biomass projects, Africa
 Change in resource use process and pattern of pastoralists in East Africa
 Customary, indigenous, traditional land law
 Environmental change and land rights
 Food security and famine, Africa
 Legal geography and the intersection of statutory and customary law
 Migration and environmental change
 Postwar land and property rights
 Small-scale agriculture in the developing world
 The peace process in the developing world

Associate Professors:

Genevieve Ali, PhD (University of Montreal) genevieve.ali@mcgill.ca

Watershed hydrology and ecohydrology
 Landscape controls on runoff generation and water and contaminant connectivity
 Water-tracing studies
 Complex forested and agricultural systems
 Environmental modelling

Sebastien Breau, PhD (UC Los Angeles) sebastien.breau@mcgill.ca

Economic geography
 Spatial dimensions of inequality
 Regional development

Quantitative methods

- Benjamin Forest, PhD (UC Los Angeles) benjamin.forest@mcgill.ca
 Governance, political parties, and electoral geography
 Monuments, memorials, and public memory
 Political representation and redistricting/redistribution
 Racialized minorities, racial/ethnic identity, and gender
- Margaret E. R. Kalacska, PhD (Alberta) margaret.kalacska@mcgill.ca
 Remote sensing of tropical forest ecosystems, forensic applications of remote sensing, modeling of tropical forest ecosystems
- Bernhard Lehner, PhD (Frankfurt) bernhard.lehner@mcgill.ca
 Hydrologic simulation within a GIS environment, scale effects, and generation/evaluation of global data sets
 Large-scale modeling of the terrestrial water cycle and the effects of climate change on water resources and hydrologic regimes
- Graham MacDonald, PhD (McGill) graham.macdonald@mcgill.ca
 Food systems, including urban food and agriculture
 Global land use
 Globalization of food and agriculture
 Social-ecological systems
 Human impacts on global biogeochemical cycles
- Kevin Manaugh, PhD (McGill) kevin.manaugh@mcgill.ca
 Social justice and inequality in urban areas
 Transportation planning and travel behavior
 Urban transport geography
 History and planning of urban transportation systems
 Spatial and social justice
- Thom Meredith, PhD (Cambridge) tom.meredith@mcgill.ca
 Management of ecological resources and cultural adaptation in traditional resource-use systems
 Environmental impact assessment
 Community-based environmental decision support
 Sustainable tourism and biodiversity conservation
 Experiential environmental education and structuring safe, supportive and effective field courses
 Research areas: East Africa, Latin America, Canada,
- Sarah Moser, PhD (Singapore) sarah.moser@mcgill.ca
 Cultural politics of urban mega-developments
 Urban and cultural geography, Asia and Middle East
 Transnational circulation of urban policy and aesthetics
 Geographies of exclusion
 Performativity, nation-building

- Mylene Riva, PhD (University of Montreal) mylene.riva@mcgill.ca
 Health geography
 Social and environmental determinants of health
 Housing

Energy poverty
Place effects on health
Indigenous Peoples' health
Population health intervention research
Quantitative and mixed methods

Brian Robinson, PhD (Wisconsin-Madison) brian.e.robinson@mcgill.ca
Environment and development, institutions, ecosystem services, livelihoods,
spatial interactions between people and resources, China

Raja Sengupta, PhD raja.sengupta@mcgill.ca
(Southern Illinois University-Carbondale)
GIS, Geographic Information Science (GISci), Spatial Decision Support Systems,
(SDSS), software agents, application to spatial epidemiology, payments for
environmental services, and water management

Renée Sieber, PhD (Rutgers) renee.sieber@mcgill.ca
GeoAI and public participation, GeoAI Ethics
Geospatial ontologies in indigenous communities
Public participation Geographic information Systems (GIS)/participatory GIS in
marginalized communities, community based organizations,
environmental/conversation movements, and social movement groups
Natural language processing and social media in climate change and
meteorology
Citizen Science

Assistant Professors:

Mette Bendixen PhD (University of Copenhagen) mette.bendixen@mcgill.ca
Gaining quantitative understanding of dynamic landscape
processes and examine the impact of these on the coupled
human- natural system.

Understanding the Arctic landscape changes and sediment
dynamics climate and their implications for local communities
Document the complex relationships between a growing global
demand for sand and gravel (aggregates) and a sustainable
development.

Yann le Polain de Waroux, PhD (University of Louvain) yann.lepolaindewaroux@mcgill.ca
Qualitative and quantitative methods to explore questions of land-use change,
development and sustainability
Linkages between different manifestations of economic globalization, such as
migration, trade in niche products or commodities and capital mobility
Agent-level determinants of land-use change in dry woodland ecoregions of North
Africa and South America

Grant McKenzie, PhD (UC Santa Barbara) grant.mckenzie@mcgill.ca
Geographic Information Science
Quantitative dimensions of Place and Space
Geospatial privacy and security

Human mobility patterns and trajectory analysis
Darius Scott PhD (UNC-Chapel Hill) darius.scott@mcgill.ca
Black geographies
Stigma, belonging, and social difference in United States
Oral history and qualitative methods
Social determinants of health
Christian von Sperber, PhD (ETH Zurich) chris.vonsperber@mcgill.ca
Biogeochemical cycling of phosphorus and nitrogen in soils
Stable isotopes of C, N and O as tracers in environmental systems
The effect of land-use changes on soil-nutrient pools

McMaster University

School of Earth, Environment & Society
1280 Main Street W., General Science Bldg. - 206
Hamilton, ON L8S 4K1
(905) 525-9140 ext. 23535 — Fax (905) 546-0463
Email: ssantos@mcmaster.ca
Website: <https://www.science.mcmaster.ca/ees/>

School Offers

BA, BSc, MA, MSc, PhD, McMaster Center for Climate Change, ESRI Canada Center of Excellence (GIS), McMaster Institute for Transportation and Logistics (MITL)

Faculty

Professors:

Email Address:

Mohammed Altaf Arain, PhD (Arizona)	arainm@mcmaster.ca
Air pollution, climatology	
Evapotranspiration	
Forest carbon and water cycles	
Global climate models	
Hydrometeorology and biometeorology	
Janok Bhattacharya, PhD (McMaster)	bhattaj@mcmaster.ca
3D facies architecture of shallow marine	
Paralic, fluvial depositional systems	
Sequence stratigraphy	
Sean Carey, PhD (McMaster)	careysk@mcmaster.ca
Cold regions	
Hydrology, biometeorology	
Landscape disturbance	
Reclamation	
Vera A. Chouinard*, PhD (McMaster)	chouinar@mcmaster.ca
Disability in the Global South	
Emotions and diversity in the Occupy movement	
Experiences and representations of mental ill health	
Geographies of disability	
Geographies of gender	
The inclusion and exclusion of women in northern Canadian communities	
Paulin Coulibaly, PhD (Laval)	couliba@mcmaster.ca
Climate variability	
Hydroclimatic modelling and forecasting	
Hydrology, hydrologic data assimilation	
Water resource	

*Geographer

Carolyn H. Eyles, PhD (Toronto)	eylesc@mcmaster.ca
Environmental geology	
Glaciomarine sedimentology	
Tectonic versus climatic controls on sedimentation in glaciated basins	
Karen Kidd, PhD (Queen's)	karenkidd@mcmaster.ca
Contaminants in Aquatic Food Webs	
Forest management and stream health	
Dams and dam removal	
Sang-Tae Kim, PhD (McGill University)	sangtae@mcmaster.ca
Biomineralization	
Chemical Oceanography	
Cosmochemistry	
Experimental Geochemistry	
Marine and Aqueous Geochemistry	
Paleoclimatology	
Stable Isotope Geochemistry	
Kenneth Bruce Newbold ¹ *, PhD (McMaster)	newbold@mcmaster.ca
Aging issues	
Immigration: settlement, adjustment, and health	
Internal migration in Canada and the United States	
Mobility and transportation	
Hector Antonio Paez*, PhD (Japan)	paezha@mcmaster.ca
Health geography	
Spatial data analysis and statistics	
Transportation modelling	
Eduard G. Reinhardt, PhD (Carleton)	ereinhar@mcmaster.ca
Catastrophic event stratigraphy	
Geoarchaeology	
Geographic information systems	
Isotope geochemistry	
Marine archaeology	
Micropaleontology (foraminifera)	
Quaternary geology	
Paleoenvironmental analysis	
Darren M. Scott*, PhD (McMaster)	scottdm@mcmaster.ca
Active travel and sustainable transportation	
Activity-based approaches to travel analysis and modeling	
Built environment	
Geographic info systems for transportation (GIS-T)	
Gregory F. Slater ² , PhD (Toronto)	gslater@mcmaster.ca

¹ Director

*Geographer

² Associate Director, Graduate

- Astrobiology, Geobiology
 Biodegradation and bioremediation
 Contaminant hydrogeology
 Environmental and Organic Geochemistry
 Stable isotope Geochemistry
 James E. Smith, PhD (Waterloo) smithja@mcmaster.ca
 Multiphase flow through porous media
 Soil physics and hydrogeology
 Vadose zone hydrology
 Water flow and contaminant transport in the subsurface
 James Michael Waddington, PhD (York) wadding@mcmaster.ca
 Climate change and hydrology
 Peatlands, drought, wildfire, groundwater
 Watershed ecohydrology
 Allison Williams*, PhD (York) awill@mcmaster.ca
 Therapeutic landscapes
 Informal/family caregiving
 Home/community health care
 Urban health/quality of life
 Health determinants
 Women's health
 Sense of place
 Rural health/care
 Health care services/policy
 Program planning and evaluation
 Robert D. Wilton*, PhD (Southern California) wiltonr@mcmaster.ca
 Geographies of addiction and mental health
 Geographies of disability
 Social geographies of exclusion
- Associate Professors:*
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 Climate and paleoenvironmental reconstruction using magnetic proxies
 Environmental (near-surface) Geophysics
 Environmental magnetism
 Paleomagnetism
 Abel Chikanda*, PhD (Western) abel_chikanda@mcmaster.ca
 Africa
 Diasporas
 Food Security
 Immigrant Integration
 Informal Sector
 Migration and Development
 Urban Poverty

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 Community-engaged research for northern sustainability
 Human dimensions of environmental change
 Indigenous knowledge
 Inuit Nunangat (Inuit homelands)
 Northern governance and co-management
 Cross-cultural research ethics and methodologies
- Suzanne Mills*, PhD (Saskatchewan) smills@mcmaster.ca
 Aboriginal identity and work in natural resource, labour and the environment
 Construction trades unions
 Equity and unions
 Gender
- Maureen Padden, PhD (Tech Ins. Zurich) paddenm@mcmaster.ca
 Paleooceanography and paleoclimatology
 Sedimentary geology
 Stable isotope geochemistry
 Teaching and learning environments
- Niko Yiannakoulis*, PhD (Alberta) yiannan@mcmaster.ca
 Agent-based modelling
 Crime geomatics
 Cluster detection methods and theory
 Child health
 Injury epidemiology
 Medical geography

Assistant Professors:

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 Urban and economic geography
 Geographies of globalization
 Social and cultural geography
 Socio-economic dynamics of cities
 Food access, inequality and urban life
- Luc Bernier, PhD (McMaster) berniejm@mcmaster.ca
 Biological controls on climate change
 Environmental geochemistry of redox sensitive elements
 Geomicrobiology, Virology
 Global biogeochemical cycles
- Alemu Gonsamo, PhD, (Helsinki) gonsamoa@mcmaster.ca
 Remote Sensing of Vegetation
 Phenology
 Global Change Ecology
 Terrestrial Carbon Cycle
 Climate Change Impact

**Geographer*

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Changing social geographies of Canadian cities	
Pedagogical studies including the assessment of the effectiveness of teaching and learning methods	
Philosophies of teaching	
Teaching and learning environments	
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Fluvial geomorphology	
Sediment transport	
River restoration	
Urban river management	
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Structural geology	
Tectonic processes	
Applied geophysics	
Field geology	
Magmatism	
Seismic hazards	

Professors Emeriti:

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*Geographer

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Department Offers

BA, BSc, MA, MSc, PhD
Diploma in Geographic Information Sciences*

Faculty

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Chesley Sanger, PhD (Dundee)

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Julia Christensen (PhD McGill University)

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Department Offers

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Faculty

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Professors:

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Coastal geomorphology
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Brad Walters¹, PhD (Rutgers)
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Climate change politics and policy
Human-environment interactions in mangrove forests in the Philippines
Human-forest interactions in the Caribbean
Research methodology in human ecology

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Associate Professors:

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Gentrification
Gender and cities
Emotional and embodied geographies
Gender and work
Neoliberal urbanism
Urban revitalization
Activism and resistance

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² Coordinator, Women's and Gender Studies

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Past climate change	
Paleolimnology	
Environmental stressors and pollution	
Ecosystem monitoring of inland waters	
David Lieske, PhD (Calgary)	dlieske@mta.ca
Species distribution modelling	
Biodiversity monitoring and conservation	
Environmental hazard and risk assessment	
Geographic Information Systems	
Geovisualization	
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Japan	
Cultural industries	
Ramen geographies	

Assistant Professors:

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Community-based adaptation planning	
Climate change and people	
Urban issues	
Social equity	
Rural and First Nations communities	

Instructors:

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Climate change	
Acadian forest disturbance history	
Dendrochronology	
Dendroarchaeology	

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Alluvial fan development	
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Geographic Information Systems	
Spatial Analysis	
Cartography	

Adjunct Professors:

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Environmental policy	
Climate change	
Native seed quality and certification	
Grassland restoration	
Margaret Augustine, ABD (Carleton)	maugustine@mta.ca
Kopit Lodge on behalf of Elsipogtog FN	
Land-use by elders and community members	
Elsipogtog FN land claims	
Indigenous environmental knowledge	
Patrick Augustine, PhD (Carleton)	paugustine@mta.ca
Kopit Lodge on behalf of Elsipogtog FN	
Land-use by elders and community members	
Elsipogtog FN land claims	
Indigenous environmental knowledge	
Zoe Finkel, PhD (Rutgers)	zfinkel@mta.ca
Biological oceanography	
Climate change	
Macroecology and macroevolution	
Phytoplankton eco-physiology	
Andrew Labaj, PhD (Queen's)	alabaj@mta.ca
Palaeolimnology / limnology	
Microplastic pollution	
Freshwater ecosystems	

Mount Royal University

Department of Earth and Environmental Sciences

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Website:

<https://www.mtroyal.ca/ProgramsCourses/FacultiesSchoolsCentres/ScienceTechnology/Departments/EarthEnvironmentalSciences/index.htm>

Department Offers

Mount Royal University is 100+ year institution focussed in quality undergraduate education. While the focus is on small class, personalized teaching, undergraduates are also directly involved in faculty research programs. The Geography program currently consists of a Minor and also contributes to programs across the university, most notably the undergraduate programs of Geology, Environmental Geology, and Environmental Science, and well as the General Science program.

Faculty

Professors:

Lynn Moorman, PhD (UBC)
Geospatial (GIS/RS) Education
VR applications, Digital Earth
Community/Citizen Science

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Associate Professors:

M. Troy Burnett, PhD (UCLA)
Political Geography, Economic Geography
Cultural Geography, Urban Geography

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Pam MacQuarrie, MSc
Cartography and GIS analysis
Weather and Climate

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Sessional Instructors:

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Dana Naldrett
Susan Reid

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Department Offers

BA Geography, BA Environmental Geography, BSc Environment and Physical Geography, Certificate in Geomatics and Certificate in Environmental Management, and interdisciplinary graduate degrees: MES in Environmental Studies and MESc in Environmental Sciences

Faculty

Professors Emeriti:

Roman Brozowski, PhD (Western)
Dave Rees, PhD (Ottawa)
Keith Topps, PhD (Kansas)

Professors:

April James, PhD (McGill)
Watershed and isotope hydrology
Hydrological modeling
John M. Kovacs¹, PhD (Western)
Remote sensing of wetlands and agriculture
Dan Walters², PhD (Western)
Agriculture
Harmful algal blooms
Water governance
Arja Vainio-Mattila, PhD
Global development studies

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Associate Professors:

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Air pollution and modeling
Kirsten Greer³, PhD (Queen's)
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¹ Chair (Faculty information as of July 1, 2022)

² Associate Dean, Arts & Science

³ CRC Global Environmental Histories and Geographies

⁴ CRC Climate and Environmental Change

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Corporate and economic geography

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Highly variable environments
Rural livelihoods

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Racism

Human rights

Feminism

Immigration

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Canada and Ireland

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Urban design

Policy planning and evaluation

Cultural comparison

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Pedro de Alvarado and the Illusive Conquest of Peru	
Indigenous survival in Latin America	
Historical Geography of Spanish Central America	
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Governance and policy	
Human resources	
Mapping and charting	
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Cultural	
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Urban spatial structure	
Housing markets	
Urban economy	
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Rabies management and control	

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Geographies of colonialism	
Historical geographies of nature and science	
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Change detection	

- Remote sensing image analysis
Spatial analysis and modeling
Environmental and health applications
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Economic geography
Urban governance
Cultural economies of food and food systems planning
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Urban redevelopment, especially waterfronts
Community design
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Hydrology
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Forests and energy
Bioenergy and biofuel technology
Regional energy systems
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Decolonial/Anti-colonial geographies
Labour geographies
Racial capitalism
Diaspora governance, Caribbean
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Aging across Canada
Geographies of voluntarism
Health and medical geography
Public policy
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Biophysical remote sensing of Arctic and boreal environments
Environmental monitoring using satellite optical and synthetic aperture radar
(SAR) data
Airborne laser scanning for forestry

Associate Professors:

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Determinants of changes in urban spatial structure
Promoting public transit in midsize Canadian cities

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X-ray fluorescence	
Historic air photos	
Unmanned aerial vehicles	
Geohazards and geotechnics	
Computed tomography	
Art conservation science	
Syriac	
Ecclesiastical politics and geography in late antiquity	
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Treaty rights, negotiations, and implementation	
Indigenous-Settler reconciliation	
Social-environmental justice and health equity	
Decolonizing, Indigenous, and participatory methodologies	
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Healthy community planning	
Healthy built environments	
Sustainable mobility	
Complete communities	
Public goods	
Local governance and activism	
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Landscape ecology	
Biogeography	
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Ecosystem-based management	
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Urban planning and development in China	
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Land-use change	
Watershed dynamics	
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⁴ Director of SURP – Fall 2021

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Gender and urban planning
Postcolonial urbanism
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Youth geographies
Emotional geographies

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Real estate decision-making and investment strategy
Transportation infrastructure development and public-private collaboration
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Decolonial and anti-racist futures
Qualitative feminist methods

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Urban public policy
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Geographies of Waste
Global Environmental Politics
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Economic decline
Demographic change
Aging
Age-friendly communities
Economic resilience

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Geomicrobiology
Hydrogeology
Microbialites
Endolithic habitats
Polar landscapes
Climate change
Carolyn Prouse, PhD (UBC) carolyn.prouse@queensu.ca
Anticolonial urbanism
Social reproduction
Political ecology
Critical race feminism
Bioeconomies
Infrastructure
Mark Stoller, PhD (UBC) mark.stoller@queensu.ca
Historical and political geographies of northern Canada
Youth research
Land claims
Nunavut and Northwest Territories
Laura Thomson, PhD (Ottawa) l.thomson@queensu.ca
Glacier monitoring
Arctic climate
Ice dynamics
Glacier mapping (photogrammetry, remote sensing)
Ice-penetrating radar
Robert G. Way, PhD (Ottawa) robert.way@queensu.ca
Physical geography
Climatology
Northern studies
Cryospheric sciences
Geophysics
Numerical modelling
Remote sensing

Saint Mary's University

Department of Geography and Environmental Studies

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Email: geography@smu.ca

Website: <https://www.smu.ca/geography/index.html>

Department Offers

BA, BSc, MA in Geography; BES in Environmental Studies; and contributes courses and thesis supervision in Masters in Applied Science, Masters in Atlantic Canada Studies, PhD in Applied Science and PhD in IDS programs.

Faculty

Professors Emeriti:

Robert J. McCalla, PhD (Hull)

Hugh Millward, PhD (Western Ontario)

Professors:

Catherine Conrad, PhD (Wilfrid Laurier)

cconrad@smu.ca

Sub-Saharan Africa: Irregular migration

Climate change and environmental migration

Perceptions of climate change and environmental change

Philip Giles¹, PhD (Calgary)

philip.giles@smu.ca

Morphology of alluvial fans

Morphometric analysis of digital elevation models

Analysis of remotely-sensed images for geomorphological interpretation

Cristian Suteanu, PhD (Bucharest)

cristian.suteanu@smu.ca

Environmental system analysis and modeling: climate variability, natural hazards, renewable energy

Information processes in environmental systems

Danika van Proosdij, PhD (Guelph)

dvanproo@smu.ca

Coastal climate change vulnerability assessment and adaptation

Coastal geomorphology and morphodynamics

Natural Infrastructure

Saltmarsh biophysical processes

Geomatics and remotely piloted aircraft systems

¹ Chairperson

Associate Professors:

- Jason Grek-Martin, PhD (Queen's) jason.grekmartin@smu.ca
Sites of difficult heritage and contested memoryscapes
Historical and cultural geographies of tourism in Nova Scotia and beyond
Nature, place, and meaning in Halifax parks
Survey science and statecraft in the 19th-century Canadian West
- Min-Jung Kwak, PhD (British Columbia) min-jung.kwak@smu.ca
Globalization and transnational migration
International education industry
Immigrant entrepreneurship
Immigrant health care services
- Mathew Novak, PhD (Western Ontario) m.novak@smu.ca
Urban planning and development
Retail geography
The built environment/urban morphology

Adjunct Professors:

- Peter Bush, PhD (Western Ontario) peter.bush@smu.ca
Landscape ecology
Old-growth forests
Geomatics
Protected areas
- Karen Harper, PhD (Alberta) karen.harper@smu.ca
Plant biogeography
Forest edges
Landscape heterogeneity
Spatial pattern analysis
- Khan Rahaman, PhD (Tokyo; Calgary) khan.rahaman@smu.ca
Climate change modeling, impacts, and vulnerability assessment
Application of GIS and remote sensing in local warming modeling, disaster impacts and management
Environmental management, sustainability, and urban health
Urban built environment, pedestrianization, and non-motorized transportation planning
- HM Tuihedur Rahman, PhD (McGill) hm.rahman@mail.mcgill.ca
Climate vulnerability and adaptation
Sustainable natural resource management
Nature-based solutions
Sustainable rural development
- Kate Sherren, PhD (Australian National) kate.sherren@dal.ca
Rural social science
Sustainability transitions
Landscape change
Visual and spatial methods

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Department Offers

BA, BSc, BEnv, MA, MSc, PhD

Faculty

Professors Emeriti:

Robert C. Brown, Leonard J. Evenden, Alison Gill, Roger Hayter, Edward (Ted) Hickin, John Pierce, T.K. Poiker, Arthur Roberts, Michael C. Roberts, Shue Tuck Wong

Retired:

Roger (Alex) Clapp, Robert Horsfall, Ian Hutchinson, Paul M. Koroscil, Janet Sturgeon, Ivor Winton

Professors:

Email Address:

Nicholas Blomley, PhD (Bristol)

blomley@sfu.ca

Law

Space and power

Property and space

Tracy Brennand¹, PhD (Alberta)

tabrenna@sfu.ca

Application of shallow geophysical surveys to geomorphic problems

Glacial geomorphology and sedimentology

Paleoenvironmental change

Paleoglaciology

Paleohydrology

Quaternary environments

Valorie Crooks, PhD (McMaster)

crooks@sfu.ca

Disability and chronic illness

Medical tourism

Palliative health and social care

Primary health care

Suzana Dragicevic, PhD (Montreal)

suzanad@sfu.ca

GIS and GIScience

Modeling spatial dynamic processes

Complex systems, AI and soft computing

Modeling land use and land cover changes

¹ Chair

Peter Keller, PhD (Western Ontario)	cpkeller@sfu.ca
Spatial analysis and decision support	
Geographic Information Sciences	
Health Geography	
Tourism	
Paul Kingsbury, PhD (Kentucky)	kingsbury@sfu.ca
Cultural Geography	
Psychoanalysis	
Social theory	
Paranormal cultures	
Lance Lesack, PhD (UC Santa Barbara)	llesack@sfu.ca
Biochemistry of lakes in the MacKenzie Delta	
Ecosystem biogeochemistry	
Land and water interactions	
Limnology	
Geoff Mann, PhD (UC Berkeley)	geoffm@sfu.ca
Macroeconomic policy	
Poverty & unemployment	
Politics of climate change	
Political economy	
Eugene McCann, PhD (Kentucky)	emccann@sfu.ca
Geographies of policy mobilities	
Urban politics and policy-making	
Geographies of drug policy	
Urban development	
Nadine Schuurman, PhD (British Columbia)	nadine@sfu.ca
Spatial epidemiology	
Health geography	
Critical GIScience	
GIS	
Ontologies	
Kirsten Zickfeld, PhD (Potsdam)	kzickfel@sfu.ca
Climate science	
Earth system modeling	
Climate-carbon cycle feedbacks	
Carbon budgets	
Carbon dioxide removal	

Associate Professors:

Rosemary Collard, PhD (British Columbia)	rcollard@sfu.ca
Political ecology	
Feminist political economy	
Capitalism	
Wildlife management	
Biodiversity loss	
Nick Hedley, PhD (Washington)	hedley@sfu.ca
Augmented reality	
Cartography	

Geographic information science
 Geospatial interface research
 Geospatial virtual environments
 Geovisualization
 Serious games for geospatial applications
 Spatial cognition

Sharon Luk, PhD (University of Southern California) skluk@sfu.ca

Racial geographies
 Carceral and abolition geographies
 Cultural Studies
 Social justice movements and theory

Margaret Schmidt, PhD (British Columbia) margaret_schmidt@sfu.ca

Soil Science
 Digital and predictive soil mapping
 Forest soils/forest ecology
 Soil-plant relationships

Assistant Professors:

May Farrales, PhD (British Columbia) may_farrales@sfu.ca

Queer geographies
 Racial geographies
 Diaspora and migration

William (Jesse) Hahm, PhD (UC – Berkeley) whahm@sfu.ca

Hydrology
 Geomorphology
 Forest ecology

Bing Lu, PhD (Toronto) b_lu@sfu.ca

Remote sensing
 Ecosystem modelling
 Coastal dynamics
 Environmental change
 Spatial analysis

Margaret Ramirez, PhD (Washington) mm_ramirez@sfu.ca

Racial geographies
 Social justice movements
 Urban and cultural geographies
 Decolonial geographies

University Lecturer:

Shivanand Balram, PhD (McGill) sbalram1@sfu.ca

Spatial Information Science
 Quantitative Geography
 Spatial Decision Making

Senior Lecturer:

Andrew Perkins, PhD (Simon Fraser)	andrew_perkins@sfu.ca
Hazards	
Geochronology	
Paleoglacialology	

Lecturers:

Tara Holland, PhD (Guelph)	tholland@sfu.ca
Science education	
Climate change adaptation	
Leanne Roderick, PhD (Queens)	leanne_roderick@sfu.ca
Economic Geography	
Financial Geography	
Critical Political Economy	
Social Science Education	

Associate Members:

Martin Andresen, PhD (British Columbia)	andresen@sfu.ca
Applied spatial statistics	
Spatial crime analysis	
Crime and place	
Yildiz Atasoy, PhD (Toronto)	yatasoy@sfu.ca
Global political economy	
Political sociology	
State restructuring	
Social change and development	
Political economy of agrifood systems	
Neo-liberal urbanism	
Clint Burnham, PhD (York University)	clint_burnham@sfu.ca
Cultural Studies	
Psychoanalytic theory	
Contemporary poetry	
Pascal Haegeli, PhD (British Columbia)	phaegeli@sfu.ca
Avalanche risk management	
Backcountry recreation	
Risk communication	
Climate change	
Peter Hall, PhD (UC Berkeley)	pvhall@sfu.ca
Port cities	
Logistics	
Employment	
Community development	
Urban economies	
Kirsten McAllister, PhD (Carleton)	kmcallis@sfu.ca
Racialization, anti-colonialism and political violence	
Memory Studies	

Visual Studies	
Refugee Studies	
Japanese Canadian Internment	
Autoethnography	
Kendra Strauss, PhD (Oxford)	kstrauss@sfu.ca
Labour geography	
Economic geography	
Feminist political economy	
Social reproduction	
Legal geography	
Pensions	
Joseph E. Taylor III, PhD (Washington)	taylorj@sfu.ca
Environmental history of fisheries	
Recreation	
Gentrification	
Outdoor sports	
Public lands	
<i>Adjunct Professors</i>	
Jeremy Fyke, PhD (Victoria University of Wellington)	fykej@ae.ca
Climate change modelling and application	
Nathan Gillet, D. Phil (Oxford)	nathan.gillett@canada.ca
Climate change modelling and attribution	
Brandon Heung, PhD (Simon Fraser)	Brandon.Heung@dal.ca
Soil science	
GIS	
Spatial analysis and modelling	
Digital soil mapping	
Machine Learning	
Olav Lian, PhD (Western Ontario)	olav.lian@ufv.ca
Quaternary sedimentology and stratigraphy	
Luminescence dating	
Christiana Miewald, PhD (Kentucky)	cmiewald@sfu.ca
Food security	
Urban agriculture	
Gender and sexuality	
Gentrification	
Lenore Newman, PhD (York)	lenore.newman@ufv.ca
Food security	
Sustainable cities	
Culinary geography	
Nature/culture interface	
Laura Pulido, PhD (UC-Los Angeles)	lpulido@uoregon.edu
Critical human geography	
Race, environmental justice, labor	
Chicana/o studies	
Popular education	
Janet Sturgeon, PhD (Yale)	sturgeon@sfu.ca

Environmental politics
Governance, ethnicity, and land use transformations
on the borders of China, Laos, Burma and Thailand
Political ecology

Kevin Ward, PhD (Manchester)

kevin.ward@manchester.ac.uk

Economic development
Policy mobilities
Urban and regional policy economy

The King's University

Geography Program

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Department Offers

BA and BSc in Environmental Studies, Geography minor only

Faculty

Professor Emeritus:

Email Address:

Harry Spaling, PhD (Guelph)

harry.spaling@kingsu.ca

Sustainability of rural resource-based livelihoods in East Africa

Community-based environmental assessment of NGO development projects

African creation wisdom

Professor:

Vern Peters, PhD (Alberta)

vern.peters@kingsu.ca

Cross-Appointed with Biology

Reproductive ecology of conifers

Conservation biology of high elevation pines and the Clarke's nutcracker

Fire ecology of boreal, montane, and subalpine ecosystems

Associate Professor:

Joanne M. Moyer, PhD (Manitoba)

joanne.moyer@kingsu.ca

Environmental sustainability within faith communities

Learning for sustainability (Transformative Learning Theory)

Community-based sustainability initiatives, public participation, and governance

Assistant Professor:

Adrian Beling, PhD (Humboldt – Berlin)

adrian.beling@kingsu.ca

Cross-Appointed with Sociology

Sustainability transition: theory, agents, conditions

Politics, society, and culture in sustainability governance theory

Civil society, religion & church and the public sphere

Social-ecological sustainability discourses

Work Integrated Learning Coordinator (ENVS):

Nancy Burford, B.Des.(ACAD), CCDP, Career Development Certificate (Concordia)

Environmental career development

nancy.burford@kingsu.ca

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Department Offers

BA in Geography and Environmental Studies, BA in Geography and Environmental Studies – Physical Geography, BA (Hons.) in Geography and Environmental Studies, MSc in Environmental Science

Faculty

Professors:

Email Address:

Darryl Carlyle-Moses, PhD (Toronto)

dcarlyle@tru.ca

Ecohydrology

Micrometeorology

Urban hydrology and meteorology

David Hill, PhD¹ (Illinois at Urbana-Champaign)

dhill@tru.ca

Data mining

Environmental sensing

Spatiotemporal modelling

Natural resource management

Michael Mehta, PhD (York)

mmehta@tru.ca

Air quality

Citizen science

Risk

Renewable energy

Sustainability

Associate Professors:

Gilles Viaud, PhD (Saskatchewan)

gviaud@tru.ca

Quality of life in small cities

Social structural of urban residential areas

Urban residential changes in Canada

Tom Waldichuk, PhD (York)

twaldichuk@tru.ca

Geography of Japan

Rural-urban fringe

Field education

Rural Sustainability

¹ Chair (as of June 1, 2021)

Associate Teaching Professor:

Crystal Huscroft, MSc (Simon Fraser) chuscroft@tru.ca
Periglacial geomorphology
Web atlas development
Augmented reality field trips for the geosciences

University Instructor:

Kim Naqvi, PhD (Wilfrid Laurier) knaqvi@tru.ca
Sustainable development theory and practice
Changing economic and cultural landscapes
Colonial and post-colonial geography
The Americas

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Department Offers

BA (Geographic Analysis), BA (Environment and Urban Sustainability), MSA (Spatial Analysis), Certificate in Applied Digital Geography and GIS, Advanced Certificate in Applied Digital Geography and GIS, Certificate in Crime Analytics

Associated Interdisciplinary Programs

MSc (Data Science and Analytics), MASc, PhD (Environmental Applied Science and Management), MA (Immigration and Settlement Studies), PhD (Policy Studies), PhD (Urban Health)

Faculty

Professors Emeriti:

David Dansereau, MA (Buffalo)
Doug Banting, PhD (Western Ontario)
Michael Doucet, PhD (Toronto)
Frank Duerden, MA (Manitoba)
Hersch Jacobs, PhD (Toronto)
Ron Goldsmith, MA (York, Canada)
Ian Lindsay, PhD (Toronto)
Dennis Mock, PhD (Toronto)
Nick Siller, MA (Western Ontario)
Marie Truelove, PhD (Toronto)

Professors:

Email Address:

Michal Bardecki, PhD (York, Canada)	bardecki@ryerson.ca
Sustainable fashion	
Environmental education	
Nepal	
Valuation of wetlands and wetlands management	
Harald Bauder ¹ , PhD (Wilfrid Laurier)	hbauder@ryerson.ca
Critical border studies	
Critical geographic practice	
Immigration in Canada and Germany	
Sanctuary and solidarity cities	

¹ Graduate Program Director, MA in Immigration and Settlement Studies

- Philip Coppack, PhD (Waterloo) pcoppack@ryerson.ca
 Globalisation and territory
 Environmental perception
 Statistical methods
 Economic geography
- K. Wayne Forsythe², PhD (Salzburg) forsythe@geography.ryerson.ca
 Assessing Great Lakes sediment contamination
 Geospatial analysis and geovisualization
 Change detection using remote sensing and GIS
- Claus Rinner³, PhD (Bonn) crinner@ryerson.ca
 GIS-based multi-criteria decision analysis, area-based composite indices
 Public participation GIS, argumentation mapping
 Geovisualization, geospatial Web
 Open geospatial data, volunteered and crowdsourced geographic information
 GIS applications in public health, social policy, environmental analysis
- Lu Wang, PhD (York, Canada) luwang@ryerson.ca
 Consumption, culture, and identity
 GIS and health care
 Immigration and transnationalism
 Spatial modeling of accessibility
- Shuguang Wang, PhD (Alberta) swang@ryerson.ca
 Spatial analysis of supermarkets in Toronto metropolitan area and the implications for food deserts
 Political participation and representation of South Asian and Chinese Canadians: evidence from the Greater Toronto Area
 Retail sales potential modelling

Associate Professors:

- David Atkinson⁴, PhD (Queen's, Canada) datkinson@ryerson.ca
 Arctic ecology
 Biogeography
 Biophysical remote sensing of the Arctic
 Spatial analysis of Arctic ecosystems
- Brian Ceh, PhD (Western Ontario) bceh@ryerson.ca
 Economic impact assessment of big box retailers at the neighbourhood scale
 Geography of innovation, new technology, and R&D
 Relocation/dislocation of residents in the urban gentrification process
 Spatial analysis of food banks and public housing
 Urban revitalization and business improvement areas

² Past President, Canadian Association of Geographers - Ontario Division (CAGONT), Canadian Association of Geographers (CAG) and American Association of Geographers (AAG) University Representative

³ Undergraduate Program Director, Geographic Analysis

⁴ Chair (Faculty information as of July 1, 2021)

- Sara Edge, PhD (McMaster) sedge@ryerson.ca
 Immigrant and refugee health and well-being
 Environment and health
 Environmental justice and urban inequalities
 Collaborative governance and knowledge integration
 Socio-ecological systems
- Sutama Ghosh, PhD (York, Canada) sutama@ryerson.ca
 Critical 'race' theory, postcolonial theory, and theories of space
 Migration and settlement geographies, transnationalism, urban inequalities,
 particularly access to housing
 Regional Geography of 'South Asia' with particular reference to India
- Andrew Millward⁵, PhD (Waterloo) millward@ryerson.ca
 Biogeography
 Disturbance ecology (ice storms, wind storms, hurricanes)
 Environmental applications of remote sensing
 Land Geographic Information Systems (LGIS)
 Urban forestry
- Tor Oiamo, PhD (Western Ontario) tor.oiamo@ryerson.ca
 Exposure assessment
 Environmental modelling
 Health risk assessment
 GIS and spatial statistics
 Health and medical geography
- Claire Oswald⁶, PhD (Toronto) coswald@ryerson.ca
 Watershed hydrology and biogeochemistry
 Pollutant fate and transport (e.g., mercury, chloride, nutrients)
 Urban hydrology, water quality and land use
 Spatial analysis of environmental systems
 Chemical and isotopic tracer studies
- Richard Ross Shaker, PhD (Wisconsin - Milwaukee) rshaker@ryerson.ca
 Sustainability Indicators
 Sustainable Development
 Landscape Ecology
 Global Change
 Landscape Planning
- Eric Vaz, PhD (NOVA, Lisbon) evaz@ryerson.ca
 Land use / land cover change modelling
 Landscape metrics and environmental assessment
 New methods in spatial perception, analysis and forecasting
 The geography of regional economics
 Urban growth and sprawl and impacts of urban footprint

⁵ Undergraduate Program Director, Environment and Urban Sustainability

⁶ President, Canadian Geophysical Union - Hydrology Section

Assistant Professors:

- Evan Cleave⁷, PhD (Western Ontario) evan.cleave@ryerson.ca
 Place branding and marketing
 Local economic development planning, policymaking, and practice
 Talent, migrant, and business attraction and retention
 Patterns and impacts of the changing manufacturing landscape of Ontario
- Greg Oulahen, PhD (Western Ontario) greg.oulahen@ryerson.ca
 Human-environment interaction
 Hazards, Flood
 Risk, vulnerability
 Climate change adaptation
- Christopher Wellen, PhD (Toronto) christopher.wellen@ryerson.ca
 Watershed hydrology and biogeochemistry
 Watershed modelling and analysis
 Environmental statistics and uncertainty analysis
 Agroecosystem hydrology and water quality
 Urban hydrology and water quality

Acting Assistant Professors:

- Anne Spice, PhD Candidate (City University of New York) aspice@ryerson.ca
 Indigenous land defense and queer Indigenous feminism
 Resource extraction and settler colonialism
 Climate change, environmental racism, colonial toxicity
- Madeline Whetung, PhD Candidate (UBC -Vancouver) madeline.whetung@ryerson.ca
 Decolonization, gender, race, law, and violence
 Violence and harm across multi-scalar, intercultural, and interethnic queer relationships

Contract Lecturers:

- Abednego Aryee, PhD (Wilfrid Laurier) aaryee@ryerson.ca
 Leisure, recreation and tourism
 Geopolitics and globalization
 Sustainability Principles and Practices
 Environmental Planning and Resource management
 Environmental Impact Assessment
 Geo-spatial data analysis and remote sensing
- Valentina Capurri, PhD (York, Canada) vcapurri@ryerson.ca
 Citizenship and identity
 Disability and Accessibility
 Geography of Toronto
 Globalisation and territory
 Immigration and transnationalism
 Relocation/dislocation of residents in the urban gentrification process

⁷ Treasurer, Canadian Association of Geographers - Ontario Division (CAGONT) and Chair of the CAG Urban Geography Study Group

Raymond Garrison rgarrison@ryerson.ca
Michael MacDonald, MSA (Ryerson) mmac@arts.ryerson.ca
Geographic Information Systems/Science
GIS Programming

Mohammad Manshouri, PhD (Tehran) manshouri@ryerson.ca
Water Quality, Treatment Processes, and Pollution Control
Wastewater Treatment and Reuse
Solid Waste Management
Sustainability, Climate Change, Environmental Studies

Jeanne Maurer, MA (Toronto) jmaurer@ryerson.ca
Agriculture and the GTA
Globalization, world cities, and regional sustainability

Adjunct Professors:

Kristian Larsen, PhD (Toronto) kristian@carexcanada.ca
Tony Lea, PhD (Toronto) tony.lea@environicsanalytics.ca
Haiqing Xu, PhD (Sheffield) haiqing.xu@ryerson.ca

Administrative Staff:

Lisa Benadiba spatial@ryerson.ca
Graduate Program Administrator—Spatial Analysis
Christina Smith csmith@ryerson.ca
Department Administrator
Mindy Vuong mindy.vuong@ryerson.ca
Undergraduate Program Administrator—Environment and Urban Sustainability
Sarah Carmichael sarah.carmichael@ryerson.ca
Undergraduate Program Administrator—Geographic Analysis

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Website: <http://www.trentu.ca/environment>

Department Offers

BA & BSc Geography, BSc in Environmental Geoscience, BA & BSc joint-diploma program in GIS with Fleming College, BA & BSc with Emphasis in Northern and Polar Studies, and interdisciplinary graduate degrees: MA & MSc in Applied Modelling and Quantitative Methods, MA in Canadian Studies and Indigenous Studies, PhD in Canadian Studies, MA & PhD Collaborative Specialization in Aging Studies, MSc & PhD in Environmental and Life Sciences, MA in Sustainability Studies and PhD in Interdisciplinary Social Research

Faculty

Professors Emeriti:

Email Address:

Alan G. Brunger, PhD (Western Ontario) Heritage landscapes and regions – recording and interpretation Historical geography of Ontario	abrunger@trentu.ca
James Buttle, PhD (Southampton) Forest hydrology Hydrological effects of land use change Solute transport in the unsaturated zone	jbuttle@trentu.ca
Steven E. Franklin, PhD (Waterloo) Remote sensing, environmental management, habitat and biodiversity mapping	sfranklin@trentu.ca
Frederick M. Helleiner, PhD (Western Ontario)	fhelleiner@trentu.ca
Peter M. Lafleur, PhD (McMaster) Atmosphere-biosphere energy exchange on arctic tundra ecosystems Energy water and carbon fluxes from boreal wetlands	plafleur@trentu.ca
John S. Marsh, PhD (Calgary) History of the Dee Estuary, England History, planning and management of national and provincial parks and World Heritage Sites History, planning, management, use and impact of recreation trails The identification, protection, and interpretation of cultural landscapes Tourism and heritage in Chile	jmarsh@trentu.ca
George A. Nader, PhD (Durham) A History of the Syrian-Lebanese Community in Trinidad and Tobago	gnader@trentu.ca
Colin H. Taylor, PhD (McGill)	ctaylor@trentu.ca

Professors:

- M. Catherine Eimers, PhD (Waterloo) ceimers@trentu.ca
 Water quantity and quality
 Soil biogeochemistry
 Hydroclimatic change
 Landuse change
- Cheryl L. McKenna Neuman, PhD (Queen's) cmckneuman@trentu.ca
 Aeolian bedforms
 Mechanics of sediment transport
 Wind tunnel simulation of aeolian processes and dust emission
- Heather N. Nicol, PhD (Queen's) heathernicol@trentu.ca
 Economic development and regionalism in Canada
 Geopolitics and security in the Circumpolar North
 Geopolitics of Canada's Cuban foreign policy
 Neoliberalism, globalization and Caribbean integration
 North American borders post-9/11
- Mark W. Skinner, PhD (Queen's) markskinner@trentu.ca
 Geographies of aging and geographical gerontology
 Geographies of voluntarism (case studies, discourse, policy, theory)
 Health geography (community care, health services, older populations)
 Rural aging and aging rural communities (Canada, international)

Associate Professors:

- Roger M. Picton, PhD (Toronto) rogerpicton@trentu.ca
 Craft brewing and brewing post-industrial redevelopment
 Fieldwork and pedagogy in human geography
 Waterfront planning in small mid-sized cities
 Post-industrial redevelopment
- Raul Ponce-Hernandez, D Phil (Oxford) rponce@trentu.ca
 Applications of remote and proximal sensing to natural resource assessment
 Dynamic simulation and spatial modelling of soil properties and of climate change impacts
 Farming systems and precision agriculture
 GIS applications to land and watershed resources inventories and assessment.
- Susan E. Wurtele, PhD (Queen's) swurtele@trentu.ca
 Canadian immigration policy and immigrant assimilation
 Children's geographies
 Historical geography of the Canadian Prairies
 Immigrant handicrafts and folk culture in Canada
 Urban transportation and environmental sustainability

Assistant Professors:

- Ian M. Power, PhD (Western Ontario) ianpower@trentu.ca
 Carbon dioxide mineralization and sequestration
 Enhanced rock weathering for CO₂ removal
 Geochemical and geomicrobial processes within mine wastes
 Natural analogues for inorganic carbon storage

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Department Offers

BA (Geography), BA (Environmental Studies), BSc (Environmental Science)

Faculty

Professor Emeritus:

Email Address:

Carl Tracie, PhD (Alberta)

tracie@twu.ca

Doukhobor village settlement in western Canada

Landscape and literature in western Canada

Professors:

David Clements¹, PhD (Queen's)

clements@twu.ca

Ecology of invasive plants and other species

Restoration ecology focusing on Garry oak ecosystems

Associate Professors:

Geraldine Jordan, PhD (Simon Fraser)

geraldine.jordan@twu.ca

Landscape ecology and GIS

Health geography

Karen Steensma², MS (Western Washington)

steensma@twu.ca

Ecologically sustainable management of bird damage to agriculture

Conservation of the Oregon forest snail (*Allogona townsendiana*)

Bruce Shelvey², PhD (Arizona State)

shelvey@twu.ca

Environmental history

Assistant Professors:

David Jordan³, MA (Victoria)

davidj@twu.ca

Dendrochronology

Dendroecology of Garry oak (*Quercus garryana*)

Birch (*Betula papyrifera*) decline in southern British Columbia

¹ Cross-appointed with Department of Biology

² Cross-appointed with Department of History

³ Academic Coordinator, Physical Geography Program

Maxwell Ofosuhen⁴, PhD (Saskatoon)
Community/regional development strategies
Rural and urban home-based business

maxwell.ofosuhen@twu.ca

Part-Time Instructors:

Christopher Hall,
Land Manager and Instructor
Aimee McGowan,
Land Use Planner
Stuart Jones, MCIP, RPP
Senior Policy and city Planner

Christopher.Hall @twu.ca

Aimee.mcGowan@twu.ca

Stuartjo@telus.net

Adjunct Faculty:

Jamie Spinney, PhD (McMaster)
Sustainable cities
Active transportation
Time geography
Physical activity

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Staff:

Jayne Cummins (Executive Assistant)
Liz Robertson (Executive Assistant)

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⁴ Department Co-Chair

Université de Moncton

Département d'histoire et de géographie
Campus de Moncton, Moncton, N.-B. E1A 3E9
(506) 858-4065 — Télécopieur (506) 858-4508
Adresse électronique : hist-geo@umoncton.ca
Site web : <http://www.umoncton.ca/umcm-fass-histgeo>

Le département n'offre

Aucun programme d'études de 2^e et 3^e cycles. Cependant, il participe au programme de Maîtrise en études de l'environnement (MÉE).

Personnel enseignant (Edmundston, Moncton, Shippagan)

Professeurs titulaires :

Adresse électronique :

Guillaume Fortin¹, Ph. D. (INRS)

guillaume.fortin@umoncton.ca

Analyse de la variabilité des événements climatiques extrêmes au N.-B. et dans l'état du Paraná, Brésil

Suivi à long terme de la végétation alpine en Gaspésie et dans les Montagnes Blanches (secteur du Mont Washington) : dans le cadre du réseau international GLORIA

Gestion des risques d'inondation au N.-B., en France et au Brésil

Suivi historique des sécheresses au N.-B.

Serge Jolicoeur¹, Ph. D. (UQAM)

serge.jolicoeur@umoncton.ca

Réponse des marais maritimes du Littoral acadien à la hausse relative du niveau marin projetée au XXI^e siècle

Impact des activités humaines sur l'évolution de la zone côtière de la cellule de Grande-Digue (N.-B.)

Priorisation des actions de protection et de restauration des marais maritimes du Sud-Est (N.-B.).

Professeurs agrégés :

André Robichaud², Ph. D. (Laval)

andre.j.robichaud@umoncton.ca

Évolution et résilience du milieu physique de la Péninsule acadienne : zones à risque, érosion, submersion/inondation, déplacement du trait de côte, évolution des falaises, changement climatique, photogrammétrie à haute précision.

¹ Campus de Moncton

² Campus de Shippagan

- Majella Simard¹, Ph. D. (UQAR) majella.simard@umoncton.ca
La coopérative de solidarité La Barque: un vecteur d'innovation sociale et de développement territorial au sein de la région Chaleur;
Évaluation et pérennisation sociocommunautaire de la démarche Municipalités et Communautés amies des aînés (MADA-CADA) au Nouveau-Brunswick (en collab. avec Mario Paris)
Contrer l'exclusion des aînés des milieux ruraux dans des situations d'urgence et de crise. Quelles perspectives pour la participation et un vieillissement actif? (Marco Alberio, chercheur principal (UQAR); en collab. avec Nicole Ouellet (UQAR et Cécile Van De Velde (U de Montréal)
Le processus de dépeuplement continu dans la perspective d'un aménagement territorial durable : enjeux et impacts sur la reconfiguration spatiale du tissu de peuplement au Québec
- Guy Vincent^{1, 3}, Ph. D. (Laval) guy.vincent@umoncton.ca
Développement urbain du Grand Moncton
Évolution spatiale du hockey professionnel nord-américain
La mobilité résidentielle dans les villes centrales
La réaffectation des sols industriels en ville centrale
Le marché du logement des villes centrales et les différentes formes de gentrification
Les transformations sociales dans les villes centrales

Chargés et chargée de cours :

- Armand LaRocque¹, Ph. D. (Montréal) armand.larocque@umoncton.ca
Cartographie de la couverture végétale et des zones humides de plusieurs parties du Canada, à partir d'images satellitaires
Cartographie des zones inondables du Nouveau-Brunswick, à partir d'images satellitaires
Cartographie de la zostère marine dans l'est du Canada, à partir d'images acquises avec l'aide d'un drone et par satellite.
Cartographie de l'évolution de la végétation dans des marais salés en voie de restauration dans l'est du Canada, à partir d'images acquises avec l'aide d'un drone et par satellite.

¹ Campus de Moncton

² Campus de Shippagan

³ Directeur adjoint du Département d'histoire et de géographie

Université de Montréal

F.A.S. - Département de géographie

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Site web : <http://geographie.umontreal.ca/accueil/>

Programmes d'études avancées

DESS en géomatique et cartographie dynamique, MSc en géographie avec mémoire ou stage, PhD

Personnel enseignant

Professeurs émérites :

Rodolphe De Koninck, PhD (Singapore)
Agrarian geography, Southeast Asia
Pierre J.H. Richard, PhD (Montpellier)
Phytogeography / Paleoecology
André Roy PhD (SUNY-Buffalo)
Fluvial geomorphology

Adresse électronique :

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Professeurs titulaires :

François Cavayas, PhD (Laval)
Remote sensing
GIScience
François Courchesne PhD (McGill)
Soil science
Biogeochemistry
Daniel Fortier PhD (Laval)
Cold regions geomorphology
Patricia M. Martin, PhD (Colorado)
Development
Gender
Political violence
Latin America

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daniel.fortier@umontreal.ca
patricia.martin@umontreal.ca

Professeurs agrégés :

Olivier Blarquez, PhD (EPHE)
Biogeosciences
Paleoecology
Geographies of fire
Disturbance ecology
Kathryn Furlong, PhD (UBC)
Canada Research Chair in Water and Urbanization
Francois Girard, PhD (Laval)

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GIScience Biogeography Forestry	
Nicole Gombay, PhD (Queen's)	nicole.gombay@umontreal.ca
Economic geography Indigenous geographies	
Violaine Jolivet, PhD (Sorbonne)	violaine.jolivet@umontreal.ca
Urban geography Mobility Caribbean	
James Stephen King, PhD (Guelph)	js.king@umontreal.ca
Aeolian geomorphology Arid regions	
Liliana Perez, PhD (Simon Fraser)	l.perez@umontreal.ca
GIScience, Complexity theory Forest dynamics	
Sébastien Rioux, PhD (York)	s.rioux@umontreal.ca
Canada Research Chair in the political economy of food and well-being	
Oliver Sonnentag, PhD (Toronto)	oliver.sonnentag@umontreal.ca
Canada Research Chair in Atmospheric biogeosciences at high latitudes	
Julie Talbot ¹ , PhD (McGill)	j.talbot@umontreal.ca
Biogeography Environmental change Modeling	
Luna Vives, PhD (British Columbia)	luna.vives@umontreal.ca
International migration Borders	

Professeurs adjoints :

Gabriel Fauveaud, PhD (Sorbonne)	gabriel.fauveaud@umontreal.ca
Southeast Asia Urban geography Governance Social geography	
Sebastien Nobert, PhD (Edinburgh)	s.nobert@umontreal.ca
Political ecology Geographies of risk Political geography	
Alexis Maximilien Berg, PHD (Paris)	alexis.maximilien.berg@umontreal.ca
Sciences Environnementales	

Professeurs associés :

Claude Marois, PhD (Laval)
Claude Comtois, PhD (Hong Kong)

¹ Directrice (information sur la Faculté, Juin 2022)

Université de Sherbrooke

Département de géomatique appliquée

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819 821-7190

Adresse électronique : geomatique@usherbrooke.ca

Site web : <https://www.usherbrooke.ca/geomatique>

Programmes d'études offerts

Baccalauréat en géomatique appliquée à l'environnement, Microprogramme de 1^{er} cycle en géographie, Microprogramme de 1^{er} cycle en géomatique appliquée, Microprogramme de 2^e cycle en sciences géomatiques, Diplôme d'études supérieures spécialisées de 2^e cycle en géomatique appliquée, Maîtrise en sciences géographiques incluant cinq cheminements : géodéveloppement durable avec formation en géomatique (type cours), géodéveloppement durable sans formation en géomatique (type cours), environnements géographiques (type recherche), géomatique (type recherche), télédétection (type recherche).

Département de géomatique appliquée

Professeurs titulaires :

Richard Fournier, PhD (Laval)

Richard.Fournier@USherbrooke.ca

- Géomatique thématique et SIG
- Cartographie des attributs de peuplements forestiers à l'aide d'imagerie satellitaire
- Méthodes de cartographie des écosystèmes végétaux en appui aux questions environnementales ou de conservation
- Traitement d'images
- Photographies hémisphériques
- Physique de la télédétection
- Utilisation du lidar terrestre pour les mesures en forêt

Kalifa Goïta, PhD (Sherbrooke)

Kalifa.Goita@USherbrooke.ca

- Télédétection, SIG et risques environnementaux (inondations, feux de forêts, dégradation du milieu)
- Télédétection micro-ondes (hydrologie du couvert nival, végétation, état des routes, changements climatiques)
- Altimétrie par télédétection (Topographie, hauteur du couvert végétal, biomasse)
- SIG, télédétection très haute résolution et mise à jour cartographique (cadastre, cartographie topographique)
- Détection et analyse des changements à long terme

Yannick Huot, PhD (Dalhousie)
Yannick.Huot@USherbrooke.ca

- Écophysiologie du phytoplancton
- Télédétection de l'océan

Alexandre Langlois, PhD (Manitoba)
Alexandre.Langlois2@USherbrooke.ca

- Télédétection optique et radar
- Géomatique et géorisques
- Géomatique et changements climatiques
- Régions polaires et manteau neigeux

Ramata Magagi, PhD (Institut de mécanique des fluides)
Ramata.Magagi@USherbrooke.ca

- Télédétection micro-onde des paramètres de surface (sol, végétation, neige)
- Milieux semi-arides
 - Synergie données optique et radar
 - Modélisation et développement de méthodes inverses
 - Détection du changement
- Forêts boréales
 - Modélisation et fusion d'information
 - Évolution saisonnière du signal radar
 - Estimation de l'humidité du sol en micro-onde passive (AMSR-E)
- Couvert nival
 - Modélisation
 - Discrimination neige sèche-neige humide (RADARSAT -1)
 - Effet de la végétation sur la rétrodiffusion (RADARSAT -1 et AIRSAR-POLSAR)
 - Méthodes d'estimation de l'équivalent en eau de la neige
- Pluies estimées par satellite

Jérôme Théau, PhD (Laval)
Jerome.Theau@USherbrooke.ca

- Détection et inventaire faunique
 - Traitement d'imagerie à très hautes résolutions par réseaux de neurones convolutifs
 - Méthodes d'inventaire de la grande faune par imagerie
- Caractérisation des habitats fauniques
 - Distribution et disponibilité des ressources
 - Qualité des habitats et indicateurs environnementaux
 - Effets des pratiques de gestion sur l'état des écosystèmes
 - Fragmentation du paysage
- Caractérisation des services écologiques

- Cartographie spatio-temporelle des services écologiques
- Services écologiques liés aux milieux humides et hydriques
- Évaluation de l'efficacité des réseaux d'aires protégées

Professeur agrégé :

Yacine Bouroubi, PhD (Montréal)
Yacine.Bouroubi@USherbrooke.ca

- Télédétection et traitement d'images
- Analyse et modélisation spatiale
- Bases de données à référence spatiale
- Géolocalisation et cartographie

Professeurs adjoints :

Frédéric Bouchard, PhD (INRS)
Frederic.Bouchard5@USherbrooke.ca

- Climatologie et changements climatiques
- Géographie physique et environnement
- Sols et géosciences
- Histoire des lacs de « thermokarst » (dégel) en zone de pergélisol
- Dynamique des gaz à effet de serre dans les lacs de l'Arctique
- Évolution spatio-temporelle des paysages nordiques : milieux terrestres vs aquatiques

Samuel Foucher, PhD (Sherbrooke)
Samuel.Foucher@USherbrooke.ca

- Sciences des données géospatiales
- Cubes de données
- Apprentissage profond appliqués aux graphes
- Traitement de l'imagerie RSO
- Polarimétrie radar
- Standards en géomatique

Mickaël Germain, PhD (Sherbrooke)
Mickael.Germain@USherbrooke.ca

- Systèmes d'information géographique (SIG)
- SIG et cartographie Web
- Bases de données géospatiales
- Apprentissage machine et apprentissage profond appliqués à la géomatique
- Mathématiques appliquées à la géomatique

Myriam Lemelin, PhD (Hawaii)
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- Modélisation spatiale
- Systèmes d'information géographique et communication graphique
- Télédétection de la géologie, des ressources en eau et des propriétés du sol (Lune, astéroïdes et Mars)
- Géologie et propriétés du sol de l'Arctique canadien

Université du Québec à Chicoutimi

Département des sciences humaines et sociales

Unité d'enseignement en sciences des sociétés et des territoires

555, boulevard de l'Université, Chicoutimi (Québec)

Adresse électronique : s1ue_societes-territoires@uqac.ca

Site Web : <https://www.uqac.ca/programme/7688-baccalaureat-en-geographie-et-en-amenagement-durable/>

Programmes d'études offerts

1er cycle : Baccalauréat en géographie et aménagement durable, certificat en géographie et certificat en coopération internationale.

2e cycle : Maîtrise en études et interventions régionales et maîtrise en ressources renouvelables.

3e cycle : Doctorat en développement régional et doctorat en sciences de l'environnement.

Faculté

Professeurs :

Adresse électronique :

Maxime Boivin, PhD (UQAR & ENS-Lyon)

maxime2_boivin@uqac.ca

Géographie physique

Hydrogéomorphologie

Écogéomorphologie

Restauration des rivières

Relation habitat du poisson et hydrogéomorphologie

Risques naturels

Marie Fall, PhD (Montréal)

marie_fall@uqac.ca

Gouvernance, démocratie et développement durable

Développement territorial

Changements climatiques, vulnérabilité et résilience des communautés

Genre et développement

Coopération internationale, solidarité internationale et aide au développement

Martin Simard, PhD (Laval)

mgsimard@uqac.ca

Géographie urbaine et régionale

Aménagement et développement territorial

Villes petites et moyennes en milieu périphérique ou nordique

Formes urbaines et développement durable

Université du Québec à Montréal

Département de géographie

Case Postale 8888, succursale centre-ville, Montréal (Québec) H3C 3P8

514-987-4131

Courriel secrétariat : dept.geographie@uqam.ca

Site web : <https://geo.uqam.ca>

Programmes d'études offerts

1er cycle : Baccalauréat en géographie, Majeure en géographie, Certificat en géographie internationale, Certificat en planification territoriale et gestion des risques, Baccalauréat en enseignement secondaire, Baccalauréat en sciences naturelles appliquées à l'environnement.

2e cycle : Maîtrise en géographie – profil mémoire, Maîtrise en géographie – profil professionnel en aménagement du territoire et systèmes d'information géographique, DESS en planification territoriale et développement local, DESS en systèmes d'information géographique, DESS en résilience, risques et catastrophes, Programme court de 2e cycle en résilience, risques et catastrophes.

Faculté

Professeurs :

Adresse électronique :

Mario Bédard

bedard.mario@uqam.ca

Épistémologie

Géographie culturelle

Géographie régionale

Paysage

Sens du lieu

Territorialité

Stéphane Bernard

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Géographie des systèmes agraires

Réformes foncières

Systèmes agricoles alternatifs

Souveraineté alimentaire

Environnement

Expansion agricole/déforestation

Démondialisation des territoires

Résilience socio écologique

Asie du Sud-Est, Indonésie, Malaisie

Développement

Étienne Boucher

Climatologie et météorologie

Dendrochronologie

Eau et environnement

Géomorphologie fluviale

Paléoclimatologie	
Paléohydrologie	
Risque hydro et glacial	
Sciences de la terre	
Olivier Caron	caron.olivier@uqam.ca
Système d'information géographique (SIG)	
Base de données spatiale	
Géovisualisation, photogrammétrie et LiDAR	
Applications géomatiques dans la gestion de risques	
Webmapping	
Modélisation géologique tridimensionnelle	
Cartographie géologique	
Géomorphologie	
Stratigraphie quaternaire	
Géochronologie	
Claude Codjia	codjia.claude@uqam.ca
Systèmes d'information géographique	
Télédétection	
Robert-André Daigneault	daigneault.robert-andre@uqam.ca
Cartographie des formations superficielles	
Géographie humaine	
Géomorphologie glaciaire	
Paléogéographie quaternaire	
Sciences de la terre	
Mélanie Doyon	doyon.melanie@uqam.ca
Développement local et régionale	
Aménagement du territoire	
Milieus ruraux	
Philippe Gachon	gachon.philippe@uqam.ca
Aléas météorologiques et climatiques	
Canicules	
Changements climatiques	
Climatologie	
Climat régional	
Dynamique de l'atmosphère	
Extrêmes climatiques	
Inondations	
Météorologie	
Modélisation du climat	
Risques hydrométéorologiques	
Michelle Garneau	garneau.michelle@uqam.ca
Biogéographie	
Dynamique des écosystèmes	
Dynamique du carbone	
Impact des changements climatiques	
Milieus tourbeux	
Reconstitution des écosystèmes anciens	
Daniel Germain	germain.daniel@uqam.ca

Laurie Guimond	Avalanches de neige	guimond.laurie@uqam.ca
	Climatologie et météorologie	
	Géographie humaine	
	Gestion des risques	
	Glissements de terrain	
	Mouvements gravitaires	
	Prévention des risques	
	Risques naturels	
	Sciences de la terre	
	Cohabitation interculturelle	
Yannick Hémond	Développement territoriale	hemond.yannick@uqam.ca
	Géographie humaine du Nord	
	Géographie rurale	
	Innovations sociales	
	Études autochtones	
	Migrations rurales et nordiques	
	Adaptation aux changements climatiques	
	Continuité d'exploitation	
	Créativité et apprentissage	
	Gestion de crise	
Juan-Luis Klein	Gestion des risques	klein.juan-luis@uqam.ca
	Gestion du risque de projet	
	Résilience	
	Résolution de problèmes	
	Risque opérationnel	
	Développement local	
	Économie de la culture	
	Géographie humaine	
	Sociologie	
	Démocratie locale et participative	
Anne Latendresse	Développement local	latendresse.anne@uqam.ca
	Études urbaines	
	Géographie humaine	
	Géographie sociale	
	Gouvernance territoriale	
	Mouvement urbain	
	Planification et gestion urbaines	
	Science politique	
	Aménagement du territoire	
	Études urbaines	
Sylvain Lefebvre	Géographie humaine	lefebvre.sylvain@uqam.ca
	Géographie urbaine	
	Gestion des risques	

Grands projets urbains	
Planification territoriale	
Tourisme	
Urbanisme	
Yann Roche	roche.yann@uqam.ca
Asie du Sud-Est	
Cartographie	
Environnement	
Géopolitique du sport	
Laos	
Ressources naturelles	
Sociologie	
Thaïlande	
Vieillesse et santé	
Nicole Sanderson	Sanderson.nicole@uqam.ca
Dynamique du carbone	
Impact des changements climatiques	
Milieux tourbeux	
Reconstitution des écosystèmes anciens	
Méthodes de datation (Pb210)	
Catherine Trudelle	trudelle.catherine@uqam.ca
Activité conflictuelle	
Conflits urbains	
Environnement	
Études urbaines	
Géographie humaine	
Gouvernance locale	
Humanisation de la ville	
Sociologie	
Jean-Philippe Waaub	Waaub.jean-philippe@uqam.ca
Agendas 21 locaux	
Aide à la décision	
Changements climatiques	
Développement	
Environnement	
Études d'impacts	
Évaluation environnementale	
Évaluation stratégique	
Modélisation de l'énergie	
Modélisation de l'environnement	
Participation publique	
<i>Professeurs associés et substituts :</i>	
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Dan Lansana Kourouma
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Pham Van Cu

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Chargés de cours :

Philippe Charette
Marie-Ève Desroches
Maxime Julien Désirat
Géomatique
Estelle Dricot
Salvador David Hernandez
Mustapha Kebiche
Changements climatiques
Risques naturels
Kosal Khun
Géomatique
Télédétection
Programmation et automatisation
Marc-Antoine Ladouceur
Frédéric Leclerc
Imad Lekouch
Géomatique
Johanne Léveillé
Gabriel Magnan
Biogéographie
Paléoécologie
Changements climatiques
Geneviève Marquis
Jean-Philippe Martin
Risques naturels
Stéphanie Morin
Andréanne Oligny Bissonnette
Marie-Michèle Ouellet-Bernier
Raphaël Pelletier
François Riendeau
Alexis Robitaille
Géomatique
Géomorphologie
Karim Samoura
Guillaume St-Jacques
Pierre M. Valiquette
Hussein Wazneh

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Personnel professionnel et technique

Technicien en cartographie :

Mourad Djaballah

djaballah.mourad@uqam.ca

Animateur pédagogique / Coordonnateur des stages :

Hans Asnong

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Agent de recherche :

Bertrand Touchette

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Université du Québec à Rimouski

Département de biologie, chimie et géographie

300 Allée des Ursulines, Rimouski (Québec), G5L 3A1

418 723-1986, poste 1616 (géographie)

Site web : <https://www.uqar.ca/etudes/etudier-a-l-uqar/programmes-d-etudes/7756>

Programmes d'études offerts

1er cycle : Mineure en géographie, Majeure en géographie, Programme court en Environnement, géomorphologie et risques naturels, Baccalauréat en géographie – concentration Environnement, géomorphologie et risques naturels, Baccalauréat en géographie – concentration Environnement marin, Baccalauréat en géographie – concentration Écogéographie, Baccalauréat en géographie – concentration, Aménagement du territoire et développement durable, Baccalauréat en géographie – Cheminement Général

Cycles gradués : Diplôme d'études spécialisées en Analyses et Prévention des Risques Naturels (DESS), Maîtrise en géographie, Doctorat en Sciences de l'environnement

Faculté

Professeurs titulaires :

Adresse électronique :

Simon Bélanger¹, PhD (Pierre et Marie Curie)

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Téledétection environnementale

Amélioration des techniques de téledétection optique des propriétés des eaux par satellite

Impacts du changement climatique sur les environnements côtiers arctiques et subarctiques

Étude des flux biogéochimiques continent-océan à l'aide d'outils optiques

Pascal Bernatchez, PhD (Laval)

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Reconstitution et projection de la hausse du niveau de la mer et analyse de ses effets sur les zones côtières

Programme de mesures et de modélisation du couvert de glace côtière, des niveaux d'eau et des vagues et analyse de leurs effets sur l'évolution des littoraux

Réseaux de suivi environnemental des côtes du Québec maritime

Quantification et modélisation des aléas côtiers (processus d'érosion côtière, submersion, mouvements de terrain)

Thomas Buffin-Bélanger, PhD (Montréal)

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Approche hydrogéomorphologique pour la gestion des cours d'eau

Étude des dynamiques glacielles dans les cours d'eau

Évaluation des bilans sédimentaires et ligneux dans les systèmes fluviaux

¹ Directeur du module (1^{er} cycle)

- Analyse des interactions eaux de surface et eaux souterraines dans les plaines alluviales
 Développement du concept d'espace de liberté des cours d'eau
 Analyse des risques liés aux aléas fluviaux
 David Didier, PhD (UQAR) david_didier@uqar.ca
 Morphodynamique littorale
 Modélisation des aléas côtiers (processus d'érosion côtière, submersion, mouvements de terrain)
 Développement d'outils de traitements d'imagerie vidéo côtière
 Analyse des solutions d'adaptation des communautés côtières aux risques côtiers en Arctique
 Analyses des interactions entre agents marins et côtes pergélisolées
 Clermont Dugas, PhD (Laval) clermont_dugas@uqar.ca
 Mise en valeur et gestion des ressources
 Interrelations aménagement – développement
 Impacts sociaux et environnementaux des interventions d'aménagement
 Aspects utilitaires et qualitatifs des formes d'aménagement
 Francis Gauthier, PhD (Laval) francis_gauthier@uqar.ca
 Géomorphologie et dynamique des versants
 Dynamique des processus de versant: chute de pierre, glissement de terrain, coulée de débris, activité torrentielle, avalanche de neige, chute de blocs de glace
 Influence des variables hydrométéorologiques et des extrêmes climatiques sur la dynamique des processus de versant
 Morphodynamique des massifs rocheux et évolution des paysages en montagne
 Analyse, prévision et gestion des aléas en montagne
 Manon Savard, PhD (Cambridge) manon_savard@uqar.ca
 Archéologie environnementale : évolution des paysages et des relations Sociétés-environnement
 Géographie culturelle
 Épistémologie de la géographie
 Patrimoine
 Archéologie et archéologie publique
 Guillaume Marie, PhD (Bretagne Occidentale) guillaume_marie@uqar.ca
 Étude de la vulnérabilité des collectivités et des infrastructures côtières aux aléas dans un contexte de changements climatiques
 Analyse des solutions d'adaptation des communautés côtières aux risques côtiers
 Développement d'outils pour augmenter la résilience des collectivités côtières dans une perspective de gestion intégrée des zones côtières
 Analyse du patrimoine maritime et côtier

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Programmes d'études offerts

Baccalauréat en géographie environnementale
Certificat en sciences de l'environnement
Certificat en géomatique
Microprogramme de premier cycle en géomatique

Faculté

Professeurs :

Ali Assani, PhD (Liège)
Hydroclimatologie
Géomorphologie fluviale
Stéphane Campeau, PhD (Laval)
Biosuivi de la qualité de l'eau
Restauration des rivières
Gestion intégrée de l'eau par bassin versant
Christophe Kinnard, PhD (Ottawa)
Glaciologie
Cryosphère
Hydrologie des bassins englacés et enneigés
Denis Leroux, PhD (Ottawa)
Géomatique
Systèmes information géographique
Géographie de la santé
Alexandre Roy, PhD (Sherbrooke)
Télédétection micro-onde des milieux froids
Changements climatiques
Modélisation hydrologique et biogéophysique
Julie Ruiz, PhD (Montréal)
Écologie du paysage
Géographie rurale et agricole
Aménagement du territoire

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Programmes d'études offerts

Programmes de 1^{er} cycle : Baccalauréat en géographie; Baccalauréat en développement durable du territoire, Certificat en géographie; Certificat en tourisme durable; Certificat en développement durable

Programmes d'études avancées en sciences géographiques : Maîtrise avec mémoire; Maîtrise avec essai (géographie appliquée); PhD; Maîtrise en biogéosciences de l'environnement, Microprogramme de 2^e cycle en changements climatiques

Concentrations : Aménagement du territoire québécois; Géographie des espaces mondiaux; Géographie humaine et historique; Géographie générale; Géographie physique et environnement naturel; Science de l'information géographique, Tourisme

Faculté

Professeurs titulaires :

Nathalie Barrette, PhD (UQAM)
Climatologie
Modélisation climatique
Changements climatiques
Danièle Bélanger, PhD (Montréal)
Démographie sociale
Genre, population et développement
Migrations internationales
Genre et inégalités sociales
Najat Bhiry, PhD (Paris)
Paléoécologie
Paléopédologie
Sédimentologie
Laurent Bourdeau, PhD (UQAM)
Gestion et développement touristique
Steve Déry, PhD (Laval)
Asie du Sud-Est
Géographie économique
Géographie de l'environnement
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Caroline Desbiens, PhD (British Columbia)
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Faculty

Professors Emeriti:

*C.G. Amrhein, B.D.E.Chatterton, D.Cruden, *J. H. England, P. Erdmer, *K. J. Fairbairn, R. C. Fox, L Heaman, *M.J.Hodgson, *R. G. Ironside, G Ironside, *E. L. Jackson, B Jones, *L. A. Kosinski, *E. P. Lozowski, M Hans, H. J. McPherson, C Mendoza, G Reuter, B Rivard, *N.W. Rutter, M Sharp, *P. J. Smith, J. Tóth, J Wilson, G Williams

Distinguished University Professors:

Brian Jones, PhD (Ottawa)
Nathaniel W. Rutter, PhD (Alberta)

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Professors:

*Sandeep Agrawal, PhD (Illinois)	sagrawal@ualberta.ca
Balancing municipal planning with human rights	
Understanding India's new approach to spatial planning and development	
Welcoming communities: Planning for diverse populations	
*Andrew B.G. Bush, PhD (Toronto)	Andrew.Bush@ualberta.ca
Atmosphere-Ice interactions	
Initiation and maintenance of glaciation	
Numerical modeling of atmospheres and oceans with particular emphasis on paleoclimate modeling	
The dynamical history of the tropical Pacific thermocline	
The history of ENSO in the Quaternary	
The role of baroclinic instability of the East African jet in spawning hurricanes	
Unravelling the dynamical connections linking ENSO and the south Asian monsoon	

* Human Geography, Meteorology, Environmental Sciences, and Planning

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 Beringia
 Natural hazards
 Quaternary geology
 Teprochronology
- *John Gamon, PhD (UC Davis) gamon@ualberta.ca
 Climate change impacts in northern latitude ecosystems
 Detecting plant biochemical responses with non-contact optical methods
 Disturbance effects on ecosystem function
 Eco-informatics and Cyberinfrastructure for ecosystem monitoring
 Plant ecophysiology, particularly related to photosynthesis
 and environmental stress
 Remote sensing for sampling terrestrial ecosystem composition and function
- *Theresa Garvin, PhD (McMaster) Theresa.Garvin@ualberta.ca
 Aging and urban/suburban environments
 Community, health and environmental issues
 Geography of health and health care
 Policy development, implementation and analysis
 Science, policy and social processes
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 *Tara McGee, PhD (Australian Nat'l) tmcgee@ualberta.ca
 Human dimensions of environmental hazards
 Public and stakeholder hazard decision-making and actions
 Public and government mitigation
 Public and government preparedness
 Public participation
 Qualitative research methods
- *Paul Myers, PhD (Victoria) pmyers@ualberta.ca
 High latitude oceanography
 Numerical model development
 Numerical modeling
 Physical oceanography
- Robert W. Luth, PhD (UC Los Angeles) Robert.Luth@ualberta.ca
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 Impacts of land use/cover change (LUCC) on biodiversity loss and habitat
 fragmentation in tropical dry forest environments
 Remote sensing and geographic information systems

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 *Damian Collins, PhD (Simon Fraser) damian.collins@ualberta.ca
 Health geography (health promotion, active travel, children's health)
 Political geography (property, public policy)
 Urban geography (housing, transport, land use change, schooling)

*Jeff Kavanaugh, PhD (British Columbia) jeff.kavanaugh@ualberta.ca
 Environmental change
 Glacier dynamics
 Glacier response to changing climate
 Ice core paleoclimatology
 Mechanics of unconsolidated Materials
 Permafrost and periglacial landscapes
 Subglacial and groundwater hydrology

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*Alberto Reyes (Alberta) areyes@ualberta.ca
 Greenland Ice Sheet response to Quaternary climate change
 Pleistocene interglaciations
 Quaternary geoscience applications of isotope geochemistry
 Refined interpretation of large compilations of radiocarbon dates

Kyle Whitfield, PhD (Waterloo) kw16@ualberta.ca
 Community planning, social planning, issues relevant to older adults, community
 development and citizen engagement

Siobhan Alexandra Wilson, PhD sawilson@ualberta.ca
 CRC, Biogeochemistry of Sustainable Mineral Resources

*Jeff Birchall (Canterbury) jeff.birchall@ualberta.ca
 Local scale climate change impacts
 Local government climate change policy
 Urban/community climate resilience/adaptation

* Human Geography, Meteorology, Environmental Sciences, and Planning
Assistant Professor:

- *Joshua Evans, PhD (McMaster) jdevans@ualberta.ca
 Disability and Chronic Illness
 Housing and Homelessness
 Urban Policymaking and Governance
 Philosophy and Human Geography
- Monireh Faramarzi, PhD (Swiss Federal Institute of Technology) faramarz@ualberta.ca
 Watershed Science and Modelling
 Development and application of environmental models to study
 fundamental and applied aspects of water quantity and quality
 Hydrology
- Bhatia, Maya Pilar, PhD (MIT, WHOI) mbhatia@ualberta.ca
 Using molecular biogeochemistry to explore the interplay between microbial
 metabolism, the global carbon cycle, and climate.
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 Collective action and cultural institutions and their evolution
 Community development (social capital, sense of place, effectiveness and
 efficiency of local institutions) in both developed and developing world
 applications
 Environmental governance policy (focused on behaviour and institutions)
 Rural water supply issues in Canada and Sub-Saharan Africa
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Geography minor, no major

Faculty

Professors:

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Wildlife ecology and management

Human wildlife conflict

Glen Hvenegaard, PhD (Victoria)

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Biogeography and conservation of birds

Park interpretation and environmental education

Park and wildlife tourism

Environmental history

Gregory King, PhD (Bern)

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Dendrochronology

Biogeography

Forest disturbance ecology

Urban forests

Adjunct Professors:

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Environmental modelling

Natural resource management

GIS

Environmental monitoring

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Environmental policy and governance

Natural resource management

GIS and remote sensing

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Wetland valuation

Natural resource management

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Ken G. Denike, PhD (Pennsylvania)
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Terry G. McGee, PhD (Wellington)
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| Long term effects of forest fire on stream channel morphology | |
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| Scaling relations in watershed geomorphology | |
| Urban hydrology and urban streams | |
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| Geopolitics and diplomacy | |
| Transnational policy networks | |
| Arctic governance | |
| Contemporary Europe | |
| Philippe A. Le Billon, PhD (Oxford) | philippe.lebillon@geog.ubc.ca |
| Conflicts, violence, and resources | |
| Political ecology | |
| Political geography | |
| Ocean governance | |
| Ian G. McKendry, PhD (Canterbury) | ian.mckendry@geog.ubc.ca |
| Aerosol Science | |
| Air pollution meteorology | |
| Long range pollutant and dust transport | |

- Synoptic climatology
R. Dan Moore, PhD (Canterbury) dan.moore@geog.ubc.ca
Effects of glacier retreat and vegetation dynamics on catchment hydrology and aquatic habitat
Hydrologic processes and modelling for headwater and mountain catchments
Riparian processes and management in forested headwater catchments
Stream temperature dynamics in headwater and mountain catchments
Jamie A. Peck, PhD (Manchester) jamie.peck@geog.ubc.ca
Economic geography
Economic governance
Labour geography
Neoliberalism
State restructuring
Urban and regional political economy
Geraldine J. Pratt¹, PhD (British Columbia) gpratt@geog.ubc.ca
Feminist geography
Performance, space and politics
Precarious labour
Dementia care
Migrant workers
Jessica Wang, PhD (Massachusetts Institute) jessica.wang@ubc.ca
History of science and science studies
Political economy, political ecology, and state power
History of agriculture and environment
Biogeography, colonialism, and international relations
Elvin K. Wyly, PhD (Minnesota) elvin.wyly@geog.ubc.ca
Gentrification and neighbourhood change
Housing and neoliberal financialization
Politics of social surveys, data, and quantitative methods
Ontologies of social media and Big Data
Urban policy

Professor of Teaching:

- Sally A. Hermansen, MA (Queen's) sally.hermansen@geog.ubc.ca
Cartography and GIS
Community mapping
Historical GIS

Associate Professors:

- Luke R. Bergmann, PhD (Minnesota) luke.bergmann@ubc.ca
Economic Geography
Geographical computation
Nature-society relations
Spatial theory
Jessica A. Dempsey, PhD (British Columbia) jessica.dempsey@geog.ubc.ca

¹ Head (Faculty information as of July 1, 2019)

Capitalist natures
 Environmental politics
 Green finance
 Political ecologies of biodiversity conservation
 Naomi Klein na.klein@ubc.ca
 Climate justice
 Disaster capitalism
 Surveillance capitalism
 Neoliberal history
 Avi D. Lewis, BA (Toronto) ad.lewis@ubc.ca
 Systemic climate solutions: visioning a global Green New Deal
 Storytelling, social movements and radical futurisms
 Engaged Documentary Filmmaking
 Juanita R. Sundberg, PhD (Texas) juanita.sundberg@geog.ubc.ca
 Critical race theory and anti-racist environmentalism
 Environmental dimensions of border enforcement on the US-Mexico border
 Feminist geography
 Nature, race, and nation-building in Latin America
 Jennifer L. Williams, PhD (Montana) jennifer.williams@geog.ubc.ca
 Climate change and plant population dynamics
 Influence of climate on plant life history strategies
 Population spread through patchy landscapes

Associate Professors of Teaching:

Loch T. Brown, PhD (Sussex) loch.brown@geog.ubc.ca
 Environment, sustainability, and development
 Higher education, flexible learning, pedagogy
 Political ecology, political economy, and natures
 Nina Hewitt, PhD (York) nina.hewitt@ubc.ca
 Ecosystem fragmentation
 Altered disturbance regimes
 Biological invasions and climate change
 Siobhán R. McPhee, PhD (Dublin) siobhan.mcphee@geog.ubc.ca
 Worker mobility/migration and precarious work
 Impact of precarious work on experience of place through digital storytelling
 Internationalisation of pedagogy and blended learning

Assistant Professors:

Mohammed Rafi Arefin, PhD (Wisconsin) rafi.arefin@ubc.ca
 Urbanization and Urban Infrastructure
 Environmental Justice and Urban Inequality
 Waste, Waste Management, and Sanitation
 Urban Political Ecology
 Jemima N. Baada, PhD (Western Ontario) jemima.baada@ubc.ca
 Climate change and human migration
 Gender and development
 Human mobility in sub-Saharan Africa and the Global South

Sara H. Knox, PhD (Berkeley)	sara.knox@ubc.ca
Social determinants of health	
Micrometeorology	
Biosphere-atmosphere trace gas fluxes	
Carbon cycle science	
Ecosystem ecology	
Priti Narayan, PhD (Rutgers)	priti.narayan@ubc.ca
Global urbanisms	
Urban inequality and belonging	
Social movements	
Activist scholarship	
Naomi B. Schwartz, PhD (Columbia)	naomi.schwartz@ubc.ca
Remote sensing of disturbance and land use change	
Global change impacts in tropical forests	
Reforestation and natural regeneration in tropical forest landscapes	
Desirée Valadares, PhD (Berkeley)	desiree.valadares@ubc.ca
Historical geography and infrastructural history	
War and environment	
Heritage politics	
Asian and Indigenous relations in the Pacific	

Acting Assistant Professor:

Michael Fabris, MA (UBC)	mike.fabris@ubc.ca
Indigenous Geographies	
Geographies of Settler Colonialism	
Urban Indigeneity	

Lecturer:

Alec Blair, MSc (McGill)	alec.blair@geog.ubc.ca
Human-wildlife interactions	
Political ecologies of wildlife conservation	
Environmental management	
Art and the environment in Canada	

Associate Members:

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Minelle Mahtani, PhD (University College London)	minelle.mathani@ubc.ca
Kavita Philip, PhD (Madras University)	kavita.philip@ubc.ca

Adjunct Professors:

Paul Cottle, Sarah Davidson, Georg Jost, Tom Koch, Dori Kovanen, Richard McCleary,
André Zimmermann

Affiliates:

David Clements

Post-Doctoral Fellows:

Dimitar Anguelov, Rosanna Carver, Juliane Collard, Harmony Martell, Jennifer Mateer,
Zoe Panchen, Ben Peltó, Paroma Wagle

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<https://eegs.ok.ubc.ca/undergraduate/geography/>

Department Offers

BA, MA (interdisciplinary), and PhD (interdisciplinary)

Faculty¹

Professor Emeritus:

Email Address:

Miriam Grant, PhD (Queen's)

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Social dimension of HIV/AIDS in Southern Africa

Social and economic vulnerability of urban youth in African cities

Role of African elite in urban community development

Urban food security in Southern Africa

Associate Professor Emeritus

Fes de Scally, PhD (Waterloo)

fes.descally@ubc.ca

Depositional processes and related hazards on high mountain fans

Tropical cyclone and tsunami hazards in the Cook Islands

Disaster risk reduction

Sediment loading of debris flow channels by snow avalanches

Professors:

Bernard Bauer, PhD (Johns Hopkins)

bernard.bauer@ubc.ca

Process geomorphology (coastal, aeolian, and fluvial)

Physical geography

Hydrology

Lawrence D. Berg, DPhil (Waikato)

lawrence.berg@ubc.ca

Interlocking geographies of White supremacy, heteropatriarchy,
colonialism, and class

Neoliberalism and geographies of knowledge production

Social, spatial, and economic justice

Jon Corbett, PhD (Victoria)

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Cartography and society

Community based resource management

¹ Faculty information as of September 1, 2021

Community based research	
Social networking technologies	
Lael Parrot, PhD (McGill)	lael.parrott@ubc.ca
Landscape resilience	
Agent-based modelling	
Complex human-environment systems	
Carlos Teixeira, PhD (York)	carlos.teixeira@ubc.ca
Community and neighbourhood change	
Ethnic economies and immigrant entrepreneurship	
Housing experiences of immigrants and refugees in Canadian cities	
Migration and residential mobility	

Associate Professors:

Kevin Hanna, PhD (Toronto)	kevin.hanna@ubc.ca
Environmental impact assessment	
Integrated resource and environmental management	
Climate change and adaptation policy	
Natural resources policy in Canada and Northern Europe	
Bernard Momer, MA (Ottawa)	bernard.momer@ubc.ca
Rural and urban land use conflicts	
Creative sector in medium-size cities	
Urban planning and governance	
Michael Pidwirny, PhD (Simon Fraser)	michael.pidwirny@ubc.ca
Influence of human caused climate change on ski resorts in North America and Europe	
Climate change impact assessment	
Ian Saunders, PhD (Simon Fraser)	ian.saunders@ubc.ca
Glaciers and climate change	
Physical geography of mountain environments	
Donna Senese, PhD (Waterloo)	donna.senese@ubc.ca
Wine and food geographies	
Transformative Tourism	
Rural Resilience	
Robert R. Young, PhD (Calgary)	robert.young@ubc.ca
Subglacial processes	
Quaternary stratigraphy and geomorphology	
Tertiary and Quaternary environments/events	

Assistant Professors:

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Political Ecology	
Conservation and Development	
Forest-based climate change mitigation	
Wildfires	

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Geographic Information Systems	
Spatial analysis and statistics	
Remote sensing	
Movement ecology	
Jonathan Cinnamon, PhD (Simon Fraser)	jonathan.cinnamon@ubc.ca
Digital geographies	
GIS and society	
Health geography	
Urban geography	
Vanessa Sloan-Morgan (Queens)	vanessa.sloanmorgan@ubc.ca
Critical human geography	
Resource extraction	
Sexuality and gender	
Political ecology	
Settler colonialism	
Youth-led research and social movements	
Modern treaties	

Associate Professor of Teaching:

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Biogeography,	
Environmental Science	

Lecturers:

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Catherine Kyle, PhD (UBC)	catherine.kyle@ubc.ca

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Department Offers:

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Faculty

Professors Emeritus:

Dianne Draper, PhD (Waterloo)
Michael Coulson, PhD (Kansas)
Wayne Davies, PhD (University of Wales)
Mario Giovinetto, PhD (Wisconsin)
Al Gonzalez, PhD (Texas)
Stuart Harris, PhD (University of London)
Peter Herrem, MA (Minnesota)
Lawrence Nkemdirim, (University of London)
Lynn Rosenvall, PhD (California)
Nigel Waters, PhD (Western Ontario)

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Professors:

Shelley Alexander, PhD (Calgary)	smalexan@ucalgary.ca
Animal welfare in society and science	
Conservation GIS	
Coyote and wolf behaviour, ecology and conservation	
Human-animal relationships	
Human-coyote conflict	
Road ecology in temperate and tropical ecosystems	
Darren Bender, PhD (Carleton)	dbender@ucalgary.ca
Geographic information systems	
Spatial modelling	
Landscape ecology	
Stefania Bertazzon, PhD (Calgary)	betazzs@ucalgary.ca
Spatial analysis	
Health geography	
Environmental health	
Environmental and resource management	
Parks and protected areas	
Sustainable tourism	
Tourism and growth management	
Pedagogy, contemplative, experiential	
Gwendolyn Blue, PhD (North Carolina)	ggblue@ucalgary.ca
Public controversies	
Public engagement	

Science and technology studies	
Climate change	
Genomic applications	
Posthumanism	
Geoffrey Hay, PhD (Montréal)	gjhay@ucalgary.ca
GEOBIA: Geographic Object Based Image Analysis	
GeoWeb technologies	
High-resolution thermal infrared imaging	
Multiscale urban heat islands	
Remote sensing and geoinformatics: Urban remote sensing	
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Earth Science	
Climate change	
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Climate change	
Climatology	
Glaciology	
Paleoclimate	
Arctic and mountain regions	
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Biogeoscience	
Drainage basin development	
Fluvial geomorphology	
Hillslope geomorphology	
Geomorphology/ecology/hydrology interactions	
Carbon storage along rivers	
Landscape/terrain structure and analysis	
Numerical modeling	
Sediment transport processes	
Greg McDermid, PhD (Waterloo)	mcdermid@ucalgary.ca
Remote sensing	
Geospatial analysis	
Environmental monitoring	
Forest restoration	
Wildlife habitat assessment	
Byron Miller, PhD (Minnesota)	bavrmill@ucalgary.ca
Politics of urban sustainability	
Spatialities of social movement mobilization	
Social and environmental implications of smart cities	
Neighbourhood change and polarization	
Brian Moorman, PhD (Carleton)	moorman@ucalgary.ca
Environmental geophysics	
Glacial hydrology	
Permafrost	
Remote sensing	
Tricia Stadnyk, PhD, P.Eng. (Waterloo)	tricia.stadnyk@ucalgary.ca
Hydrology and climate change	
Watershed modelling	
Isotope geochemistry	
John Yackel, PhD (Manitoba)	yackel@ucalgary.ca
Arctic sea ice	
Microwave remote sensing of sea ice	

Polarimetric synthetic aperture radar
Snow cover processes on sea ice

Associate Professors:

- | | |
|--|---------------------------|
| Conny Davidsen, PhD (Dresden) | davidsen@ucalgary.ca |
| Community based forest management & local control | |
| Conservation policy processes in Latin America | |
| Forest and environmental governance in Western Canada | |
| Brent Else, PhD (Manitoba) | belse@ucalgary.ca |
| Air-sea gas exchange | |
| Arctic Ocean biogeochemistry | |
| Sea ice energy balance | |
| Ryan Burns, PhD (Washington) | ryan.burns1@ucalgary.ca |
| Urban Geography | |
| GIScience | |
| Critical social sheory | |
| Digital humanitarianism | |
| Urban GIS | |
| Political economy of technology | |
| Digital research methods | |
| Victoria Fast, PhD (Ryerson) | victoria.fast@ucalgary.ca |
| Urban GIS | |
| Spatial accessibility | |
| Volunteered geographic information systems | |
| Smart cities | |
| Social justice | |
| Andrea Freeman, PhD (Arizona) current DHead | freeman@ucalgary.ca |
| Desert stream processes | |
| Geoarchaeology | |
| Geomorphology | |
| Hunter-gatherers late Quaternary climate changes | |
| Late Pleistocene-early Holocene archaeology | |
| Paleoindian and Archaic archaeology | |
| Radiocarbon dating | |
| Stratigraphy | |
| Wil Holden, PhD (Calgary) | wnholden@ucalgary.ca |
| The Philippines | |
| The meteorological hazards of anthropogenic climate change | |
| The efficacy of mining as a development strategy | |
| Insurgency/counterinsurgency | |
| State terrorism | |
| The roles played by liberation theology and Maoism as counter hegemonic discourses in the twenty-first century | |
| Dan Jacobson, PhD (Belfast) | dan.jacobson@ucalgary.ca |
| Blindness: Disability | |
| Cartography | |
| Geospatial science | |
| Human computer interaction | |
| Spatial cognition | |
| Geospatial humanities | |
| Darren Sjogren, PhD (Alberta) | sjogren@ucalgary.ca |

Natural Hazards	
Pedagogy in international field settings	
Eliot Tretter, PhD (John Hopkins)	etretter@ucalgary.ca
Knowledge economy	
Urban political economy	
Digitization and Natural Resources	

Senior Instructor:

Aaron Williams, PhD (Calgary)	awill@ucalgary.ca
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Adjuncts:

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Mike Gibeau, PhD (Calgary)	mike.gibeau@ucalgary.ca
Jahan Kariyeva, PhD (Arizona)	kariyeva@ualberta.ca
Scott Ketcheson	not on file
Barb McNicol, PhD (Calgary)	bmcnicol@mtroyal.ca
Lynn Moorman, PhD (British Columbia)	lmoorman@ucalgary.ca
Tariq Munir, PhD (Calgary)	tmmunir@ucalgary.ca
Mina Nasr	mina.nasr1@ucalgary.ca
Roland Ngom	roland.ngom@albertahealthservices.ca
Kathy Rettie, (St. Andrews)	kmrettie@gmail.com
Rizwan Shahid, PhD (Calgary)	rizwan.shahid1@ucalgary.ca
Maria Stack, PhD (Hamilton)	mstrack@ucalgary.ca
Marit Rosol, PhD (Humboldt-Universität zu Berlin)	marit.rosol@ucalgary.ca

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Department Offers

The UFV School of Land Use and Environmental Change (SLUEC) offer five programs that support geography. These five programs include Agriculture, Environmental Studies, Geographic Information Systems, Human Geography, and Physical Geography. Each of these programs offers an undergraduate credential, specifically Bachelors of Agriculture Science: Horticulture, Bachelors of Environmental Studies (with and without a natural science component), GIS certificate, Bachelors of Arts: Geography, and Bachelors of Science: Physical Geography. The Geography, Physical Geography and Environmental studies programs offer major, Honours major, extended minor, and minor credentials. An Urban Studies and Planning Concentration is available in association with the Bachelors of Arts degree. Co-operative education, work study, and research assistantships are available.

Faculty

Emeritus Faculty:

John Belec, PhD (Queens)
 Urban studies, Housing
 Cross-border regions

Email Address:

john.belec@ufv.ca

David Gibson, MA (UC Davis)
 Cultural geography
 Mexico

david.gibson@ufv.ca

Faculty:

Carolyn Atkins, MSc (Saskatchewan)
 Physical geography
 Geomorphology

carolyn.atkins@ufv.ca

Cherie Enns, RPP, PhD (Tanzania)

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Tactical urbanism
 Urban planning policy
 Climate change
 Pandemic planning
 Refugee settlement and development policy
 Children and the city
 History of planning

J Hughes, PhD (Simon Fraser)

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Landscape ecology
 Paleoecology
 Soil science
 Wetlands ecology

Olav Lian, PhD (Western Ontario)	olav.lian@ufv.ca
Quaternary sedimentology	
Stratigraphy	
Paleoenvironments	
Geochronology	
Paleoecology of non-glacial intervals	
Paraglacial sedimentation	
Loess-Paleosol sequences	
Holocene Aeolian activity	
Mariano Mapili, PhD (UBC)	mariano.mapili@ufv.ca
Agricultural biogeography and conservation	
Geographic Information Systems	
Biological remediation of contaminated environments	
Agricultural waste management	
Steven Marsh, MSc (Regina)	steven.marsh@ufv.ca
Climate Change	
Water quality	
Environmental studies	
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Agricultural land use	
Agricultural technology	
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Environmental resource management	
Community forestry	
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Sustainable transportation	
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Resource and economic geography	
Geopolitics	
Environmental studies	
Community forestry	
Scott Shupe, PhD (Arizona)	scott.shupe@ufv.ca
Geographic information science	
Remote sensing	
Land use/land cover mapping and monitoring	
Natural resources	
Arid lands	

¹ Tier II Canada Research Chair

Limited Term Faculty:

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Integrated Resource Management	
Sustainable tourism	
Regional and community planning	
Human and physical environments	
Talha Qadri, PhD	talha.qadri@ufv.ca
Seismic Hazard Assessment	
Environmental site assessments	
Water quality analysis	
Urban heat island effect	
Source and reservoir characterization	
Tectonic geomorphology	

Adjunct Faculty:

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Ecosystem ecology	
Infrastructure planning	
Lionel Pandolfo, PhD (Yale)	lionel.pandolfo@ufv.ca
Synoptic climatology	
Climate variability	
Climate modeling	
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Global rivers	
Geochemistry	

Associate Members:

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Biosystematics	
Plant anatomy	
Community engagement	
Ethnobotany	

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Department Offers

MA, MSc, PhD in Geography; MA, MSc in Collaborative International Development Studies

Faculty

Professors Emeriti:

Gerald T. Bloomfield, PhD (Nottingham)
Fredric A. Dahms, PhD (Auckland)
Robin G. Davidson-Arnott, PhD (Toronto)
Alun E. Joseph, PhD (McMaster)
Philip D. Keddie, PhD (Manitoba)
Reid Kreutzwiser, PhD (Western Ontario)
Kiyoko Miyanishi, PhD (York)
Michael R. Moss, PhD (Sheffield)
William G. Nickling, PhD (Ottawa)
Barry E Smit, PhD (McMaster)
Kok-Chiang Tan, PhD (London, UK)
John Smithers, PhD (Guelph)

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mmoss@uoguelph.ca
nickling@uoguelph.ca
bsmit@uoguelph.ca
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Professors:

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Hydrology and remote sensing	
Spatial scaling of hydrologic features	
Evan Fraser, PhD (British Columbia)	frasere@uoguelph.ca
Food security, climate change and economic globalization	
The history of food crises and food riots	
John Lindsay, PhD (Western Ontario)	jlindsay@uoguelph.ca
Applications of geospatial analysis to study	
biophysical processes and the development of open-source GIS	
Robin Roth, PhD (Clark)	robin.roth@uoguelph.ca
Political ecology	
Conservation policy and practice	
Forest governance	
Indigenous led conservation	
North America and Southeast Asia	

Wanhong Yang, PhD¹ (Illinois) wayang@uoguelph.ca
 Integrated economic-hydrologic-GIS modeling
 for evaluating cost effectiveness of agricultural conservation programs

Associate Professors:

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 Environmental Governance

Jaclyn Cockburn, PhD (Queen's) jaclyn.cockburn@uoguelph.ca
 Impacts of climate and environmental variability on surface processes
 Sedimentary processes in freshwater systems
 Impacts of extreme events on sediment yield and sediment budgets

Ze'ev Gedalof, PhD (Washington) zgedalof@uoguelph.ca
 Rates and mechanism of treeline advance in the Canadian Cordillera
 Fire ecology of mixed-severity fire regimes
 Tree-rings and climate

Philip A. Loring, PhD (University of Alaska) phil.loring@uoguelph.ca
 Sustainability
 Human ecology
 Food systems
 Fisheries and coastal communities

Faisal Moola, PhD (Dalhousie) fmoola@uoguelph.ca
 Forest conservation and management
 Ecology and ethnoecology of heathlands
 Environmental policy
 Indigenous-led conservation

Noella Gray, PhD (Duke) grayn@uoguelph.ca
 Political ecology
 Marine conservation
 Science-policy interface
 Tourism
 Global conservation governance
 Belize and Oceania

Roberta Hawkins, PhD (Clark) rhawkins@uoguelph.ca
 Feminist geographies
 Everyday practices of 'global change'
 Cultural politics of sustainability
 Digital geographies

Kate Parizeau, PhD (Toronto) kate.parizeau@uoguelph.ca
 Waste management and its social context
 Mental Health in the Academe

Jennifer Silver, PhD (Simon Fraser) jsilve01@uoguelph.ca
 Political ecology
 Cultural and digital politics
 Fisheries, aquaculture, and coastal development

¹ Chair

Assistant Professors:

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Human Dimensions of Global Environmental Change.	
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Remote sensing of ecosystem change	
Disaster mapping, risk and response	
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Indigenous health, environment, risk assessment, environmental impact assessment	
Indigenous methodology	
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Digital governance	
Webmapping and GIS	
Conservation and environmental policy, markets, and justice	
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Indigenous environmental justice	
Canadian environmental policy & resource governance	
Settler colonialism and resource governance	

University of Lethbridge

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Department Offers

BA, BSc, BASc, MA, MSc, PhD in Geography, a concentration in the Geographical Information Sciences (BA/BSc), Environmental Science, Remote Sensing, Urban and Regional Studies, Archaeology, Geography and a Multidisciplinary Major in Computer Science and Geographical Information Sciences

Faculty

Professors Emeriti:

Walter E. Aufrecht, PhD (Toronto)
Rene W. Barendregt, PhD (Queen's)
Ian R. MacLachlan, PhD (Toronto)
Robert Rogerson, PhD (Macquarie)
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Professors:

Shawn Bubel, PhD (KU Leuven)	bubest@uleth.ca
Flora and faunaturbation on the archaeological record	
Geoarchaeology and experimental archaeology	
Prehistoric archaeology of the Old and New World	
Craig Coburn ¹ PhD (Simon Fraser)	craig.coburn@uleth.ca
Remote sensing physics	
Bidirectional reflectance	
Remote sensing systems	
Remote sensing texture analysis	
Terrain modelling	
Remote sensing and GIS in forestry	
Christopher Hopkinson, PhD (Wilfred Laurier)	c.hopkinson@uleth.ca
Lidar technology and applications	
Water resources	
Mountain hydrology	
Forest resources	
Hester Jiskoot, PhD (Leeds)	hester.jiskoot@uleth.ca
Glacier inventory compilation and analysis	
Ice flow dynamics and glacier surging	
Snowpack trends in the Canadian Rockies	

¹ Chair (Faculty information as of July 1, 2018)

- Statistical and numerical ice sheet and glacier system analysis
 Rockslides on glaciers
 Tributary-trunk interactions and dynamic ice flow restrictions
 Daniel Johnson, PhD (UBC) dan.johnson@uleth.ca
 Biodiversity
 Ecology of semi-arid ecosystems
 Grassland insects
 Invasive species
 Potato psyllid and zebra chip monitoring
 Sustainable agriculture
 Ecological modelling and data analysis
 Stefan Kienzle PhD (Heidelberg) stefan.kienzle@uleth.ca
 Simulating climate change impacts on water resources
 Mapping climate change
 Conservation GIS in wildlife reserve management
 Spatial modelling
 South Africa
 Matthew Letts, PhD (London) matthew.letts@uleth.ca
 Climate Change and mountain hydrology
 Changes in water supply resulting from climate change
 Ecology of semi-arid ecosystems
 Human adaptation to climate change
 Local capacity to manage water
 Modelling the spatial distribution of snow pack in montane regions
 Eco physiology
 Plant stress ecology
 Microclimatology
 Latin America
 Environmental change, mountain terrain analysis, water studies
 Fluxnet-Canada – carbon cycling, PRI
 Kevin McGeough, PhD (Penn) mcgekm@uleth.ca
 Historical Geography
 Language and cultures of Near Eastern and Classical regions
 Syro-Palestinian archaeology
 Derek R. Peddle, PhD (Waterloo) derek.peddle@uleth.ca
 Director – Alberta Terrestrial Imaging Centre (ATIC)
 Remote sensing, GIS, mapping
 Forestry, agriculture, mountains, water
 Spatial modelling and computational methods
 Ivan Townshend, PhD (Calgary) townio@uleth.ca
 Community social and economic impact of TSE's
 Community structures and the self-employment change in the Canadian and
 British urban systems
 Employment structure of First Nations communities
 Gated communities and the privatization of urban space
 Geography of the voluntary sector housing initiatives
 Income segregation
 Population health and urban ecology of well-being

Urban and rural community differences	
Wei Xu, PhD (Guelph)	wei.xu@uleth.ca
Urbanism	
Labor Market and Population Dynamics	
Resource and Environment Management	
Regional Change and Development	
Land Development	

Associate Professors:

Philip Bonnaventure, PhD (Ottawa)	philip.bonnaventure@uleth.ca
Permafrost in mountain and High Arctic environments, climate change, microclimatology of mountain and boreal environments, geomorphology and Earth surface processes, hydrology, environmental modelling and Geographical Information Systems	
Laura Chasmer, PhD (Queen's)	laura.chasmer@uleth.ca
Northern ecosystems, peatlands and wetlands, wildland fire, hydro-meteorology, carbon cycling, climate change, remote sensing/scaling	

Assistant Professors:

Julie Young, PhD (York)	julie.young@uleth.ca
Canada Research Chair in Critical Border Studies	
Political geography	
Critical border studies	
Refugee and migration policy, practice, and advocacy	
North and Central America	
Ken Holyoke, PhD Candidate (Toronto)	kenneth.holyoke@uleth.ca
Lithic Analysis, Lithic Quarries and Sourcing	
Hunter-gatherers and place-making	
Cultural resource management	
North American/Northeastern North American Archaeology	

Instructors:

Jolene Debert	jolene.debert@uleth.ca
Marcus Dostie	marcus.dostie@uleth.ca

Adjunct Faculty:

Cárcamo, Héctor, PhD (U of C)	hector.carcamo@canada.ca
Soil Ecology/Agricultural Entomology	
Collingwood, Adam, PhD (Queen's)	adam.collingwood@canada.ca
Remote Sensing	
Wayne Davies, PhD (Wales)	wdavies@ucalgary.ca
Urban Geography	
Methods	
Exploration Geography	
Philosophy of Geography	

Scott Heckbert, PhD (Melbourne)	scott.heckbert@aer.ca
Environmental Science, student training and community engagement	
Tom Jensen, PhD (U of A)	
Research, extension, and farm-level consulting experience in crops and soils.	
Larry Kawchuk, PhD (UBC)	lawrence.kawchukl@canada.ca
Plant Science/Botany	
Roland Kroebel, PhD (Hohenheim)	roland.kroebel@canada.ca
Ecology Modelling	
Ryan MacDonald, PhD (Lethbridge)	ryan.macdonald@machydro.ca
Env/Sci/Hydrology	
Ross McKenzie, PhD (Saskatchewan)	rossmckenzie@shaw.ca
Soils and Irrigated Agriculture	
Trevor Peck, PhD (Calgary)	trevor.peck@gov.ab.ca
Archeology	
Heinz Pyszczyk, PhD (Manitoba)	heinz.pyszczyk@gov.ab.ca
Archeology	
Anne Smith, PhD (Strathclyde)	anne.smith@agr.gc.ca
Remote Sensing	

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Department Offers

MA, MSc, PhD

Faculty

Professors:

Email Address:

Mark Hanson*¹, PhD (Guelph)

Mark.Hanson@umanitoba.ca

Ecotoxicology

Freshwater ecosystems

Michael Campbell, PhD (Washington)

Michael.Campbell@umanitoba.ca

Sustainable nature-based tourism

Recreation ecology

Human dimensions of wildlife management

Community tourism and development

Parks and protected areas planning and management

Dorthe Dahl-Jensen¹, PhD (Denmark)

Dorthe.Dahl-Jensen@umanitoba.ca

Climate change

Arctic ice

Sea levels

John Hanesiak, PhD (Manitoba)

John.Hanesiak@umanitoba.ca

Extreme/severe weather & storms

Climate change effects on storms

Surface-atmosphere interactions

Stephane McLachlan, PhD (York)

Stephane.Mclachlan@umanitoba.ca

Action and participatory video research

Biogeography of invasives

Environmental justice and Indigenous rights

Environmental restoration

Experiential education and community service learning

Participatory mapping of local rural and Indigenous knowledge

Participatory risk analysis of disease (BSE, TB) and GM crops

Spatiotemporal impacts of industry (e.g. Oil Sands, hydro)

Urban agriculture and agroecology

Watershed management and land use planning

¹ Department Head

*Not Geographers

- Jill Oakes, PhD (Manitoba) Jill.Oakes@umanitoba.ca
 Alaskan coastal cultures
 Aviation, Cycling, and the environment
 Hudson's Bay Company families at York Factory 1900-1930
 Indigenous peoples and environmental change
 Island human and bio-geography
- Tim Papakyriakou, PhD (Waterloo) Tim.Papakyriakou@umanitoba.ca
 Microclimatology
 Carbon cycle of high latitude aquatic and marine systems with an emphasis on
 GHG source/sink characteristics
- Ronald Stewart, PhD (Toronto) Ronald.Stewart@umanitoba.ca
 Climate change and mountainous regions
 Extreme events including storms and drought
 Winter precipitation
- Julienne Stroeve¹, PhD (Colorado) Julienne.Stroeve@umanitoba.ca
 Climate Forcing of Sea Ice
- Feiyue Wang^{*2}, PhD (Peking) Feiyue.Wang@umanitoba.ca
 Environmental chemistry
 Sea ice geochemistry
 Biogeochemistry
 Chemical oceanography

Associate Professors:

- Mary Benbow, PhD (Liverpool) Mary.Benbow@umanitoba.ca
 Critical cartography and human-nature relationships
 (applied to historical and contemporary zoo maps)
 Examination of messages concerning climate change in zoos (specifically in
 Arctic themed exhibits) and the use of overheard conversation techniques to
 monitor visitor response
 Photographs at the zoo: Meanings, intentions, and doings
 Social, cultural and environmental implications of zoos and aquariums;
 part of a broader field "Animal geographies"
- Bonnie Hallman, PhD (Guelph) Bonnie.Hallman@umanitoba.ca
 Illness/mobility loss and the experience of environment
 Family geographies and leisure environments
 Therapeutic landscapes
 Zoos as social/cultural spaces
- Jens Ehn, PhD (Manitoba) Jens.Ehn@umanitoba.ca
 Light propagation and light-matter interactions in Arctic estuarine, marine and sea
 ice environments.
 Processes and feedbacks controlling air-ice-ocean interactions, sea ice formation
 and melting.
 Seasonal evolution, trends and variability of sea ice covered environments.

² Canada Research Chair (Tier 1)

^{*}Not Geographers

Freshwater-marine interactions in Arctic and sub-Arctic coastal and shelf waters.

- C. J. Mundy, PhD (Manitoba) CJ.Mundy@umanitoba.ca
 Physical and biological processes controlling timing of primary production in ice-covered seas
 Sea ice and marine bio-optics
- Jonathan Peyton, PhD (British Columbia) Jonathan.Peyton@umanitoba.ca
 Environmental and social geographies of subarctic North America
 Megaprojects
 Energy politics and policy
 Mining
 Resource conflict
 Environmental history/historical geography
 Political ecology
 Nature and culture in Canada
 Politics of environmental assessment.

Assistant Professor:

- Bruce Erickson, PhD (York) Bruce.Erickson@umanitoba.ca
 The relationship between neoliberalism, climate change and ecotourism in Northern Canada
 Race, Tourism and Nature
 The Anthropocene, Race and Contemporary Environmentalism
 Critical perspectives on canoeing in Canada
- Eric Collins, PhD (Waterloo) Eric.Collins@umanitoba.ca
 Microorganisms in the cryosphere
 Metabarcoding
 Genomics
 Transcriptomics
- Nicole J. Wilson, PhD (U British Columbia)³ Nicole.J.Wilson@umanitoba.ca
 Climate justice adaptation and transformation
 Water governance and policy
 Water security
 Indigenous governance and politics
 Community-Based Research
- Juliana M. Marson, PhD (Brazil) Juliana.MariniMarson@umanitoba.ca
 Polar physical oceanography
 Land ice-ocean interactions
 Role of freshwater in the polar oceans
 Icebergs
 Ocean and iceberg numerical modelling
- Karen Alley, Ph.D. (Colorado) karen.alley@umanitoba.ca
 Remote sensing of glaciers and ice sheets
 Ice shelf and ice sheet dynamics
 Glacier-ocean interaction
- David Walker, PhD (Manitoba) David.Walker@umanitoba.ca

³ Canada Research Chair (Tier 2)

Data integration and spatial modelling
 Ecosystem dynamics and human and wildlife interactions with landscapes
 International conservation research
 Invasive species and biological conservation
 Landscape diversity and fragmentation
 Quantitative terrestrial ecology & biogeography specializing in landscape systems

Instructors:

Lisa Ford, MA (Saskatchewan) First year undergraduate teaching in Geography Natural Hazards and Social Vulnerabilities to Hazards Population Geography and the Geography of Health	Lisa.Ford@umanitoba.ca
John Iacozza, PhD (Manitoba) Application of remote sensing and spatial statistics to Arctic marine environments and habitat relationships Circumpolar climate change impacts on marine environments Habitat environmental characteristics of Arctic marine mammals Spatial and temporal distribution of snow on sea ice	John.Iacozza@umanitoba.ca
Johnny Stephen, PhD (Amsterdam) Issues and challenges in water management	Johnny.Stephen@umanitoba.ca
Janna Wilson, PhD (Manitoba) First year undergraduate teaching in Geography Geography of Canada Geography of Canadian Prairie Landscapes Geography of United States Geomorphology	Janna.Wilson@umanitoba.ca

Senior Scholars:

Geoffrey Smith, PhD (McMaster) Canadian senior citizen housing Elderly retirement migration Institutional care resources for older people in the UK Spatial changes in the elderly population of England and Wales	Geoffrey.Smith@umanitoba.ca
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Distinguished Professor Emeritus:

Vaclav Smil, PhD (Penn. State) Energy myths and realities Energy transitions The two prime movers of globalization: History and impact of diesel engines and gas turbines Why America is NOT a new Rome	Vaclav.Smil@umanitoba.ca
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environmental.science@unbc.ca

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Department Offers

BA, BSc (Geography), BSc (Environmental Science), BA (Public Administration and Community Development)

MA, MSc & PhD NRES Natural Resources and Environmental Studies (Geography and Environmental Science)

MA & MSc (Interdisciplinary Studies)

Faculty

Professors:

Email Address:

Stephen Déry, PhD (McGill)

stephen.dery@unbc.ca

Consequences of climate change on the water cycle in the polar and alpine regions of the Northern Hemisphere

Hydrometeorological changes on the environment in Canada's north, including snow and ice

Study the water balance in the Quesnel River basin

Greg Halseth, CRC, PhD (Queen's)

greg.halseth@unbc.ca

Community development /community economic development

Restructuring in resource dependent towns

Rural and regional development

Neil Hanlon, PhD (Queen's)

neil.hanlon@unbc.ca

Community adaptation to population aging

Health service delivery in rural and remote locations

Voluntarism and community development

Peter Jackson, PhD (UBC)

peter.jackson@unbc.ca

Air pollution modelling and measurement

Atmospheric science: meso- and synoptic-scale meteorology and climatology

Interaction of atmosphere with complex terrain

Brian Menounos, CRC, PhD (UBC)

brian.menounos@unbc.ca

Paleo-environmental reconstruction

Past and present glacier fluctuations

Sediment budgeting and sediment transport in mountain environments

Catherine Nolin¹, PhD (Queen's)

catherine.nolin@unbc.ca

'Development', impunity, and political violence in Guatemala

¹ Chair (faculty information as of July 1, 2022)

Memory, trauma, and testimony in Guatemala and Peru
 Qualitative methods
 Social geography of forced migration and refugee movements
 Social impacts of Canadian mining in Guatemala and Peru

Philip Owens, PhD (Exeter) philip.owens@unbc.ca

Fine sediment dynamics and sources in watersheds
 Mining impacts on aquatic systems
 Sediment-associated contaminants and nutrients
 Sediment tracing and fingerprinting
 Watershed responses to wildfires

Ellen Petticrew, PhD (McGill) ellen.petticrew@unbc.ca

Biogeomorphology
 Fine sediment transfers and storage in freshwaters
 Lake restoration and community stewardship
 Landscape disturbances and linkages between terrestrial and aquatic systems
 Mining impacts on aquatic systems
 Sediment flocculation processes

Youmin Tang, PhD (UBC) youmin.tang@unbc.ca

Determine confidence intervals of seasonal climate predictions
 Prediction of seasonal climate using sophisticated numerical models and mathematical tools

Roger Wheate, PhD (St. Andrews) roger.wheate@unbc.ca

Glacier inventory and change using remote sensing
 Mountain cartography incorporating remote sensing and GIS processing
 Topographic mapping design and history

Associate Professors:

Zoë Meletis, PhD (Duke) zoe.meletis@unbc.ca

Community-environment relations (e.g. re conservation; climate change)
 Feminist research, service, and mentoring
 Pedagogy and empathy
 Perceptions of environment (e.g. wildlife & domesticated animals; fishing)
 Tourism, ecotourism, and sea turtle tourism

Tristan Pearce, PhD (Guelph) tristan.pearce@unbc.ca

Arctic and South Pacific Islands Region
 Climate change vulnerability and adaptation
 Community-based research
 Traditional ecological knowledge

Joseph Shea, PhD (UBC) joseph.shea@unbc.ca

Airborne and spaceborne imagery and data
 Changes in snow, ice, and water supplies in mountain regions
 The role of snow, ice, and permafrost in local and regional hydrology
 Unmanned air vehicle (UAV) research applications

Assistant Professors:

Theresa Adesanya, PhD (Manitoba) theresa.adesanya@unbc.ca

Managing agroecosystems for climate change mitigation

Nutrient and contaminant fate and transport in seasonally frozen soils

Phytoremediation of contaminated sites

Use of organic amendments to enhance reclamation success of reclaimed sites

Siraj ul Islam, PhD (UNBC)

sirajul.islam@unbc.ca

Climate change impact assessments on snow hydrology

Dynamic Land-use modeling

Hydro-climate modeling and predictions

Hydrological data assimilation

Limited Term Instructors:

Faran Ali, PhD (Saskatchewan)

faran.ali@unbc.ca

Construction of sediment budgets for large drainage basins

Implications of climate and land use change on watershed hydrology

Spatially distributed water erosion modelling

Senior Lab Instructors:

Ping Bai, BSc (Beijing), MSc (Windsor)

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Christine Jackson, BSc (UBC), BEd (Western Ontario)

chris.jackson@unbc.ca

Matt McLean, BSc (UNBC)

matt.mclean@unbc.ca

Adjunct Faculty:

Matthew Beedle, Bill Floyd, Gail Fondahl, Nikolaus Gantner, Sarah de Leeuw, Sean Markey, Marleen Morris, John Rex, Grahame Russell, Michael Rutherford, Corinne Schiller, Ronald Stewart and Jean Wang

Associated Faculty:

Margot Parkes

University of Ottawa / Université d'Ottawa

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Programmes d'études / Department Offers

BA, BSc, MA, MSc, PhD

Corps professoral / Faculty

Professeurs émérites / Professors Emeritus : Adresse électronique / Email Address:

Anne Gilbert, PhD (Ottawa)	agilbert@uottawa.ca
Bernard Lauriol, PhD (Montréal)	blauriol@uottawa.ca
Peter Johnson, PhD (Leeds)	peterj@uottawa.ca
Léon Ploegaerts, PhD (Montréal)	lpgeo@uottawa.ca
Denis St-Onge, PhD (Louvain)	dst-onge@gsc.nrcan.gc.ca
Barry Wellar, PhD (Northwestern)	wellarb@uottawa.ca

Professeurs titulaires / Full Professors:

Marc Brosseau, PhD (Paris)	mbrossea@uottawa.ca
Ecrire la ville multiculturelle	
La frontière au quotidien : l'expérience des lieux à Ottawa-Gatineau (CRSH)	
Les rencontres de la géographie et de la littérature	
Lieux et écriture : une lecture géographique de l'œuvre de Charles Bukowski	
Huhua Cao, PhD (Laval)	caohuhua@uottawa.ca
Canada-Europe International Cooperation Project on Sustainable Cities:	
Converting brownfields into community assets from an international perspective (Human Resources and Skills Development Canada, European Union)	
Construction of an information platform/module in eco-agricultural assessment and management (EAM) (Ministry of Science and Technology of the government of China -MOST)	
Luke Copland, PhD (Alberta)	luke.copland@uottawa.ca
Area and volume changes of Canadian arctic ice caps	
Dynamics and recent changes of ice shelves (Ellesmere Island)	
Controls on short-term variations in glacier dynamics (Canadian Arctic, Yukon, Karakoram Himalaya)	
Eric Crighton, PhD (McMaster)	eric.crighton@uottawa.ca
Health Geography	
Socioeconomic and environmental determinants of health	
Environmental risk perception and behaviours	
Environmental health education	

Access to healthcare

- Jackie Dawson, PhD (Waterloo) jackie.dawson@uottawa.ca
 Climate change
 Arctic marine governance
 Arctic shipping and tourism
 Economic Development in the Arctic
- Konrad Gajewski, PhD (Wisconsin) gajewski@uottawa.ca
 Postglacial paleoenvironments of the Canadian Arctic Archipelago
 Analysis and modelling of climate change impacts on the Canadian boreal forest
 High-resolution vegetation and climate history of the Ottawa-Gatineau region
 Human impacts on the North American ecosystem over the past 12000 years
 Regional and global scale paleoclimate reconstruction of the past 2000
 and past 20000 years
- Denis Lacelle, PhD (Ottawa) dlacelle@uottawa.ca
 Investigation of near-surface permafrost disturbances on water quality under
 changing climate near Fort McPherson, NWT, Canada
 Origin, stability and habitability of ancient ground ice and permafrost
 Organically-bound tritium and Cesium-137 as tracer of cryoturbation in periglacial
 environment
 Ice dynamics of perennially covered lakes in the Dry Valleys of Antarctica
 Co-isotopic signatures of evolving ground ice in the cold dry environments of
 Earth and Mars
 Polar environments as planetary analogues
 Development of field-deployable instruments for continuous high-frequency
 analysis in remote locations
- Antoni Lewkowicz, PhD (Ottawa) alewkwow@uottawa.ca
 Glaces souterraines dans le nord du Yukon
 Karst du nord-ouest canadien (Bear Cave, Lime Peaks) et de la vallée du Saint-
 Laurent
- Brenda MacDougall, PhD (Saskatchewan) brenda.macdougall@uottawa.ca
 Metis history and culture
 Landscape and memory
 Social networking and genealogy research
 Historical processes of identity formation by Aboriginal people (Metis and/or First
 Nations)
 Processes of identity formation and reformation as a result of state mandated
 enfranchisement whether of a community or individuals
- Marc Saner¹, PhD (Basel, Switzerland) msaner@uottawa.ca
 Environmental ethics and justice
 Governance and risk management
 Science-policy interface
- Michael Sawada, PhD (Ottawa) msawada@uottawa.ca
 Health GIS applications (contextual factors)
 Improving paleoclimate reconstructions for the past 21,000 ka in North America
 Spatial analytical application development in GIS

¹ Department Chair

Spatial controls and mechanisms of late Quaternary rapid plant migrations
 André Viau, PhD (Ottawa) aviau@uottawa.ca
 Contemporary and past climate research at local to global scales during the past
 21,000 years. Current focus on paleotempestology in the North Atlantic basin
 during the Holocene. Big data analysis using climate proxies.

Professeurs agrégés / Associate Professors:

Kenza Benali, PhD (Montréal) kbenali@uottawa.ca
 Géographies urbaine/culturelle
 Les représentations socio-spatiales de la ville
 Débats et conflits sur l'aménagement urbain
 Revendications et contestations patrimoniales

Anders Knudby, PhD (Waterloo) aknudby@uottawa.ca
 Télédétection d'eaux peu profondes
 L'environnement mondial
 Modélisation de transfert radiatif
 Déterminants environnementaux de la santé

Brian Ray, PhD (Queens) bray@uottawa.ca
 Gender relations and the use/meaning of urban space
 Housing and homeownership
 Social and economic integration of immigrants in cities
 Social networks, diversity and inclusion
 Sexuality, borders and citizenship

Luisa Veronis, PhD (Toronto) lveronis@uottawa.ca
 Environmental change and migration
 Immigration, settlement, and resilience in Canadian cities
 Francophone immigration in minority contexts
 Ethnic/multicultural/diaspora media and social media use among immigrants and
 refugees

Sonia Wesche, PhD (Wilfrid Laurier) swesche@uottawa.ca
 Human dimensions of environmental change, community-engaged research,
 food security, water security, Indigenous health and well-being, Canada's
 North, Arctic

Professeurs auxiliaires / Adjunct Professors:

David Burgess, PhD (Alberta) david.burgess@nrcan.gc.ca
 Michelle Chaput, PhD (Ottawa) chaput@rcgs.org
 Laurence Gray, PhD (Calgary) gray@nrcan.gc.ca
 Saeid Homayouni, PhD saeid.homayouni@inrs.ca
 Stephen Howell, PhD stephen.howell@ec.gc.ca
 Vik Pant, PhD (Toronto) vik.pant@mail.utoronto.ca
 Elena Ponomarenko, PhD (Moscou) eponoma3@uottawa.ca
 Vernon Singhroy, PhD (Syracuse) vern.singhroy@canada.ca
 Sharon Smith, PhD (Carleton) sharon.smith@canada.ca
 Daniel Spitzer, PhD (Netherland) dspitzer.amaps@gmail.com
 Wesley VanWychen, PhD (Ottawa) wvanwychen@uwaterloo.ca
 Carolyn Whitzman cwhitzma@uottawa.ca

University of Regina

Department of Geography & Environmental Studies

3737 Wascana Parkway, Regina, SK S4S 0A2

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Department Offers

BA, BSc, BGISc (MA, MSc, PhD special case)

Faculty

Professors Emeriti:

Alexander Paul, PhD (Alberta)
Canada
Climatology
Railroad geography
USA

Email Address:

Alexander.Paul@uregina.ca

Widdis Randy, PhD (Queen's)
Historical Geography of the Canadian-American Borderlands
Cultural Landscapes of Saskatchewan
Sustainable Heritage Tourism

Randy.Widdis@uregina.ca

Instructor Emerita:

Marilyn Lewry, MA (Regina)
Geography of Saskatchewan
Historical geography

Marilyn.Lewry@uregina.ca

Professors:

Louis Awanyo¹, PhD (Queen's)
Biodiversity change in Ghana
Environmental health in Ghana
In-situ housing adjustments in Accra, Ghana
Political ecology

Louis.Awanyo@uregina.ca

Emily Eaton, PhD (Toronto)
Fossil fuels
Energy transitions
Natural resource economies
Political ecology
Political economy

Emily.Eaton@uregina.ca

David Sauchyn, PhD (Waterloo)
Adaptation of water management to climate change
Climatic change of the past millennium

David.Sauchyn@uregina.ca

¹ Luther College

Soil landscape sensitivity to climate variability and change

Associate Professors:

- Ulrike Hardenbicker, Dr. rer. nat. (Bonn), habil (Halle) Ulrike.Hardenbicker@uregina.ca
Geomorphological and geoecological influence of subsurface flow on landscape development, Processes and causes of subsurface erosion, Slope hydrology and slope stability
- Vanessa Mathews, PhD (Toronto) Vanessa.Mathews@uregina.ca
Craft beer and urban change
Industrial heritage and gentrification
Heritage and sustainability
Infill development
Urban space and the breastfeeding body
- Julia Siemer², Dr. rer. nat. (Potsdam) Julia.Siemer@uregina.ca
Analysis and mapping of food accessibility
Population mapping
GIS and geovisualization
Thematic cartography

Instructor:

- Mark Côté, MSc (Regina) Mark.Cote@uregina.ca
Climate variability
Geographical education
Solar radiation climatology

*Adjunct Professor:*³

- Bernard Thraves, PhD (Manitoba) Bernard.Thraves@uregina.ca
Population Geography
Urban Geography
Geography of Saskatchewan
Geography of the Caribbean

² Head (Faculty information as of August 1, 2022)

University of Saskatchewan

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Website: <http://www.artsandscience.usask.ca/geography>

Department Offers

MA, MSc, PhD in Geography, Certificate in Environmental Planning, Certificate in Hydrology. At the undergraduate level - BASc and BASc Honours in Environment and Society; BSc and BSc Honours in Hydrology; BA and BA Honours in Regional and Urban Planning; Certificate in Geomatics; Certificate in Water Science; Certificate in Urban Design.

Faculty

Professors Emeriti:

O.W. (Bill) Archibold, PhD (Simon Fraser)
Robert M. (Bob) Bone, PhD (Nebraska)
Lawrence W. Martz, PhD (Saskatchewan)

Email Address:

w.archibold@usask.ca
robert.bone@usask.ca
lawrence.martz@usask.ca

Professors:

Alec Aitken, PhD (McMaster)

alec.aitken@usask.ca

Marine benthic ecology, Canadian Arctic
Geoarchaeology of Paleo-Indian habitation sites
Canadian Prairies
Quaternary geology, Canadian Arctic Archipelago

Abraham Akkerman, PhD (Waterloo)

avi.akkerman@usask.ca

Demography and planning
Urban design
Urban transportation

Scott Bell, PhD (UC Santa Barbara)

scott.bell@usask.ca

Behavioural and cognitive geography
Geographic education
Geographic information science

Martyn Clark¹, PhD (Colorado)

martyn.clark@usask.ca

Numerical modeling and prediction of hydrologic processes, including coupling of hydrology and climate models, development of spatially distributed hydrologic modes, development of methods for hydrologic data assimilation, development of methods to quantify hydrologic model uncertainty.

Developing innovative approaches for simulating hydrological processes, including understanding inter-model differences

¹ Associate Director, Centre for Hydrology and Coldwater Laboratory

- Developing methods to improve streamflow forecasts
 Understanding space-time variability in climate and hydrology including
 understanding the impacts of climate change on regional water resources.
 Dirk H. de Boer, PhD (Alberta) dirk.deboer@usask.ca
 Spatially distributed erosion models
 Suspended sediment and trace element transport in the Mackenzie River Basin
 Xulin Guo², PhD (Kansas) xulin.guo@usask.ca
 Grassland health monitoring
 Woody plant encroachment in grassland
 Effects of disturbances in grassland
 Remote Sensing applications in different ecosystems
 Bram F. Noble³, PhD (Memorial) b.noble@usask.ca
 Cumulative effects
 Environmental impact assessment effectiveness
 Resource development and environmental management
 Strategic environmental assessment
 Uncertainty analysis in environmental assessment
 John W. Pomeroy⁴, PhD (Saskatchewan) john.pomeroy@usask.ca
 Hydrological processes
 Mountain hydrology; Forest hydrology; Northern hydrology; Prairie hydrology
 Snow and ice
 Water and climate modelling
 Ryan Walker, PhD (Queen's) ryan.walker@usask.ca
 Community-based low-cost housing development
 Indigeneity and urban development
 Indigenous housing in urban areas; municipal planning with Aboriginal communities
 Program evaluation in community services
 Urban citizenship; urban planning and geography
 Cherie Westbrook, PhD (Colorado State) cherie.westbrook@usask.ca
 Beaver
 Ecohydrology
 Montane peatlands
 Wetlands and riparian areas

Associate Professors:

- Jill Blakley⁵, PhD (Saskatchewan) jill.blakley@usask.ca
 Regional-scale impact assessment
 Cumulative effects assessment (CEA)
 Strategic environmental assessment (SEA)
 Food security in impact assessment
 Indigenous-led cumulative effects assessment

² Department Head

³ Vice Dean, Research, Scholarly and Artistic Work, College of Arts and Science

⁴ Distinguished Professor, Canada Research Chair, Director, Centre for Hydrology,
 Director, Global Water Futures Initiative

⁵ Interim Vice Dean, Faculty Relations, College of Arts and Science til June 30, 2024

Paul Hackett, PhD (Manitoba)	paul.hackett@usask.ca
Diabetes in First Nations populations	
Health geography	
History of Aboriginal health	
Intimate Partner Violence	
Tuberculosis	
Robert Patrick, PhD (Guelph)	robert.patrick@usask.ca
Indigenous planning	
Integrated watershed planning and management	
Drinking water source protection and management	
Source water protection	
Corinne Schuster-Wallace, PhD (Wilfrid Laurier)	cschuster.wallace@usask.ca
Water and human health	
Local water security in marginalised communities	
Water-related diseases and climate change	
Coupled human-water systems and approaches	

Assistant Professors:

Krystopher Chutko, PhD (Queen's)	krys.chutko@usask.ca
Weather monitoring	
Isotope hydrology	
Lacustrine processes	
Paleoenvironmental reconstruction	
Ehab Diab, PhD (McGill)	ehab.diab@usask.ca
Land use and transportation planning	
Public transit planning and operations	
Intelligent transportation systems (ITS)	
Non-motorized travel modes (cycling, walking)	
GIS applications in urban and transportation planning	

Adjunct or Associate Faculty Members:

Barrie Bonsal, PhD (Saskatchewan)	barrie.bonsal@canada.ca
Climate Impacts on Freshwater Availability Across Canada	
Hydro-Climate Extremes and Variability: Droughts and Floods	
Ngoc Thuan Chu, PhD (Saskatchewan)	thuan.chu@gov.sk.ca
Diogo Pinho da Costa (Singapore)	diogo.costa@usask.ca
Sarah Dickson-Anderson (Waterloo)	sdickso@mcmaster.ca
John Diiwu, PhD (Guelph)	john.diiwu@gov.ab.ca
Patricia Fitzpatrick, PhD (Waterloo)	p.fitzpatrick@uwinnipeg.ca
David Fortin, PhD (Queen's)	d.fortin@wlcs.ca
Kevin Hanna, PhD (Toronto)	kevin.hanna@ubc.ca
Michael Hill, PhD (Western Ontario)	mrjhill3@gmail.com
Wetlands and urban planning (with B. Noble)	
Wildlife management planning	
Wetland mitigation and policy	
Phil Marsh, PhD (McMaster)	philip.marsh@outlook.com

Hydrology of the Mackenzie delta and the role of climate change and hydrocarbon development

Hydrological processes & improved modeling in cold regions of northern Canada

Impact of changes in permafrost and vegetation on the hydrology of northern Canada

Chris Spence, PhD (McMaster) chris.spence@canada.ca

Canadian Shield hydrology and hydrometeorology

The role of storage in Canadian Prairie hydrology

Elaine Wheaton, MSc (Saskatchewan) elainewheaton@sasktel.net

Adaptation to climate impacts especially for agriculture and water resources

Climatic extremes, especially drought and extreme precipitation

Climate change

John Wilmshurst, PhD (Guelph) jfw427@mail.usask.ca

Protected areas management

Remote sensing and ecology of grassland communities

Species at risk recovery

Professional Affiliates:

Dr. Scott Barnes limnosenviro@gmail.com

Tim Steuart tjs395@mail.usask.ca

School of Environment and Sustainability

Maureen G. Reed, PhD (University of Waterloo) maureen.reed@usask.ca

Environmental governance

Resilience for social and environmental sustainability

The role of gender and culture in community response to climate hazards

Biocultural diversity, Sustainability and reconciliation

University of Toronto (Mississauga)

Department of Geography, Geomatics and Environment

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Mississauga, ON L5L 1C6

(905) 828 – 5462 — Fax (905) 828 - 5273

Email: geography.admin@utoronto.ca

Website: <http://www.utm.utoronto.ca/geography/>

Department Offers¹

BA, BSc, MA, MSc, PhD, MSc (Planning), PhD (Planning), MUDS, MA/MSc Collaborative with Centre for Environment and other collaborative programs

Faculty

Emeritus Professors:

S. Munro, V. Robinson

Professors, Tenure Stream:

Email Address:

Ronald Buliung, PhD (McMaster)

ron.buliung@utoronto.ca

Transportation geography and population health

Critical Disability Studies

Active transportation

Geographies of childhood

Pedestrian injury

Historical geography of cycles and cycling

Transportation in the Global South

Tenley Conway, PhD (Rutgers)

tenley.conway@utoronto.ca

Human-environment interactions

Urban forests, Urban ecosystems

Land use/land cover change

Yuhong He², PhD (Saskatchewan)

yuhong.he@utoronto.ca

Environmental remote sensing

Vegetation stress detection with multi-source remote sensing

Endangered and invasive species monitoring

Andrea Olive, PhD (Purdue)

andrea.olive@utoronto.ca

Environmental policy

Species at risk and biodiversity

Canada-US environmental governance

Natural resource extraction

¹ At the University of Toronto, graduate programs involve faculty from all three campuses (UTM, UTSG, UTSC), while undergraduate programs involve only the faculty located at their respective campuses

² Chair, Department of Geography, Geomatics and Environment, University of Toronto Mississauga

Private land and landowners
 Alan Walks, PhD (Toronto) alan.walks@utoronto.ca
 The politics of automobility
 Geography of housing and homelessness
 New neighbourhood forms: gated communities and the new urbanism
 Political attitudes, neighbourhood inequality, and urban policy
 Urban social, political and electoral geography
 Geographies of financialization and debt

Kathi Wilson, PhD (Queen's) kathi.wilson@utoronto.ca
 Aboriginal health and wellbeing
 Aboriginal peoples, migration and rights to the city
 Access to health care and social services
 Global migration, settlement, and health

Associate Professors, Tenure Stream:

Laura Brown, PhD (Waterloo) lc.brown@utoronto.ca
 Hydroclimatology
 Climate variability and the interactions with lake ice
 Numerical modelling of lake ice
 Remote sensing of the cryosphere

Pierre Desrochers, PhD (Montreal) pierre.desrochers@utoronto.ca
 Energy policy
 Food policy
 Business-environment interface
 Regional development
 History of environmental thought
 High spatial hyperspectral image processing

Tim Duval, PhD (McMaster) tim.duval@utoronto.ca
 Ecohydrology
 Stream nutrient biogeochemistry
 Wetland hydrology and biogeochemistry
 Urban environments

Igor Lehnher, PhD (Alberta) igor.lehnher@utoronto.ca
 Environmental contaminants (mercury, perfluoroalkyl substances, etc.)
 Climate change impacts in Northern/Arctic watersheds
 Nutrient and carbon cycling
 Aquatic biogeochemistry

Trevor Porter, PhD (Carleton) trevor.porter@utoronto.ca
 Dendrochronology
 Paleoclimatology
 Stable water isotopes
 Northern Canada

Assistant Professors, Tenure Stream:

Matthew Adams, PhD (McMaster) md.adams@utoronto.ca
 Urban Pollution – Water, Air and Soil

Exposure Science	
Geographic Information Science	
Spatial Statistics	
Laurel Besco, PhD (Ottawa)	laurel.besco@utoronto.ca
Environment/sustainability law and policy	
Green economy and corporate environmental norms	
Socio-legal dimensions of climate change	
Vincent Kuuire, PhD (Western)	vincent.kuuire@utoronto.ca
Migration	
Transnationalism and integration	
Population health	
Environment and health	
Sub-Saharan Africa	
Praneeta Mudaliar, PhD (Ohio State)	praneeta.mudaliar@utoronto.ca
Human-environment interactions	
Commons and collective action	
Climate justice	
Decolonizing Conservation	
Jue Wang, PhD (Illinois)	gis.wang@utoronto.ca
GIScience and geovisualization	
Big data and spatiotemporal analysis	
Environmental health and health geography	
Transportation and human mobility	

Professors, Teaching Stream:

Barbara Murck, PhD (Toronto)	barbara.murck@utoronto.ca
Environmental management	
Gender & environment in the developing world	

Associate Professors, Teaching Stream:

Monika Havelka, PhD (Western Ontario)	monika.havelka@utoronto.ca
Restoration ecology	
Ecosystem Services	
Urban ecology	
Environmental education	
Nicole Laliberte, PhD (Pennsylvania State)	nicole.laliberate@utoronto.ca
Anti-oppression pedagogies	
Critical human rights	
Feminist geopolitics	
Joseph Leydon, PhD (Toronto)	joseph.leydon@utoronto.ca
Pedagogy	
Geography of retail and marketing	

Assistant Professor, Teaching Stream:

Tingting Zhu, PhD (Toronto)	tingting.zhu@utoronto.ca
Spatial data science	
Environmental Remote Sensing	

Ecosystems and environment change
Mineral, microbial and ecological engineering

Assistant Professor, Teaching Stream (Contractually Limited Term Appointment):

Damian Maddalena, PhD (North Carolina State) damian.maddalena@utoronto.ca
Ecosystem dynamics
Agricultural sustainability and risk related to climate change
Open source GIS
Precision agriculture
Landscape ecology

Assistant Professor, Teaching Stream (Limited Term Appointment):

Cody Ross, PhD (Manitoba) cody.ross@utoronto.ca
Hydrology
Vadose zone water
Numerical modeling
Contaminant mobilization and transport

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Department of Human Geography

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Department Offers¹

BA in Human Geography (Specialist, Minor and Major), City Studies (Specialist, Co-Op Major, Major and Minor) and BA in Physical and Human Geography (Major), GIS (Minor), Urban Public Policy and Governance, (Minor)

Faculty

Professors Emeriti:

M. Bunce
E. Relph
J. Miron

Professors:

Email Address:

Mark Hunter, PhD (UC Berkeley)

mark.hunter@utoronto.ca

AIDS in South Africa

Education and class

Geographies of health inequality

Geographies of sexuality

South African political economy

Thembela Kepe, PhD (Western Cape)

thembela.kepe@utoronto.ca

People-environment interactions, land rights, politics of development projects

Politics of land use planning, rural struggles, southern Africa

André Sorensen, PhD (London, UK)

andre.sorensen@utoronto.ca

Civil society, urban space and governance processes

Historical Institutionalism, planning history, comparative urban governance

Japanese planning and governance

Path dependence and suburban development

Property rights, land management, and institutional change

Associate Professors:

Michelle Buckley, PhD (Oxford)

michelle.buckley@utoronto.ca

Migrant construction work and theories of urbanization

The urbanization of capital in Gulf Cooperation Council economies

Susannah Bunce, PhD (York)

susannah.bunce@utoronto.ca

¹ At U of T, grad programs involve faculty from all three campuses (UTM, UTSG, UTSC), undergrad programs involve only faculty located at their respective campuses

- Geography and planning of urban communities and neighbourhoods
 Urban sustainability and sustainable communities
 Environmental gentrification
 Mike Ekers, PhD (Oxford) michael.ekers@utoronto.ca
 Antonio Gramsci and geography
 Ecological fixes
 Geographies of environmental work and landscapes
 Labour in the alternative food movement
 Steven Farber, PhD (McMaster) steven.farber@utoronto.ca
 Transportation
 Spatial analysis
 GIS
 Kenneth Iain MacDonald, PhD (Waterloo) ken.macdonald@utoronto.ca
 Class and cultural ecologies of consumption
 Institutional resilience and vulnerability to natural hazards
 Neoliberalism and the restructuring of biodiversity conservation
 Transnationalism and cultural identity
 Sharlene Mollett, PhD (Toronto) sharlene.mollett@utoronto.ca
 Land and natural resource conflicts
 Political ecology and feminist political ecology
 Latin America, Honduras, Panama
 Development geography
 Race, gender and property rights
 Indigenous peoples and Afro-descendant communities
 Feminist and postcolonial geographies
 Residential tourism
 Natalie Oswin, PhD (British Columbia) natalie.oswin@utoronto.ca
 Queer and postcolonial geographies
 Global urbanism
 Geographic thought
 Politics of knowledge production
 Rajyashree Narayanareddy, PhD (Minnesota) rajyashree.narayanareddy@utoronto.ca
 Geographies of waste and labour
 Urban political ecology
 Global urbanism

Assistant Professors:

- Hulya Arik, PhD (York) hulya.arik@utoronto.ca
 feminist geographies of the body
 feminist geopolitics
 security and risk studies
 critical geographies of secularism and Islam
 cultural geography
 cultural industries
 Rachel Goffe, PhD (CUNY) rachel.goffe@utoronto.ca

Black Geographies
Racial capitalism
Caribbean Studies
Land, livelihood and informal economies
Social reproduction
Urban-rural interfaces

Christopher Higgins, PhD (McMaster)

cd.higgins@utoronto.ca

Spatial analysis and GIScience,
Built environment and urban morphology,
Accessibility and travel behaviour

Zachary Hyde (PhD, British Columbia)

zachary.hyde@utoronto.ca

Urban Governance
Economic Geography and Sociology
Development and Housing
Culture
Theory
Qualitative Methods

Nicole Latulippe, PhD (Toronto)

nicole.latulippe@utoronto.ca

Nbisiing Anishinaabeg fisheries and Anishinaabe water governance and laws in
the Great Lakes
Indigenous environmental justice
Anishinaabe legal traditions and the First Nations Land Management Act
Urban placemaking/keeping in Mississauga treaty territory, Toronto/Tkaronto,
and Aotearoa New Zealand
Identity, difference, and belonging to place

Associate Professor, Teaching Stream:

Ahmed Allahwala, PhD (York)

ahmed.allahwala@utoronto.ca

Community-based pedagogies
Public policy and cities, urban social policy, labour and employment, migration
Urban governance, urban political economy, comparative urban and regional
studies

Glenn Brauen, PhD (Carleton)

glenn.brauen@utoronto.ca

Cybercartographic atlas of the Lake Huron Treaty relationship process
Data management for freshwater monitoring in Canada's North
Geospatial knowledge models (ontologies), visualization, and geographic
information systems (GIS) to support land use planning in Nunatsiavut
WebMap design utilities

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 (416) 978-3375 — Fax (416) 946-3886
 Email: mainoffice@geog.utoronto.ca
 Website: www.geography.utoronto.ca

Department Offers¹

BA, BSc, MA, MSc, PhD, MSc (Planning), PhD (Planning), Collaborative graduate degrees in Environmental Studies, Environment and Health, South Asian Studies, Asia-Pacific Studies, Jewish Studies, Aboriginal Health, Diaspora and Transnational Studies, Ethnic and Pluralism Studies, Sexual Diversity Studies, Women and Gender Studies

Faculty^{2,3}

Emeritus Professors:

L.S. Bourne (FRSC), UTSG, J. Britton, UTSG, R. Bryan, UTSG, M. Bunce, UTSC, I. Burton (FRSC), UTSG, T. Davis, UTSG, J. Galloway, UTSG, G. Gracie, UTSC, B. Greenwood, UTSC, A.P. Grima, UTM, R. Jaakson, UTM, J. Miron, UTSC, S. Munro, UTM, T. McIlwraith, UTM, V. Maclaren, UTSG, T. Price, UTSC, E. Relph, UTSC, S.T. Roweis, UTSG, J.W. Simmons, UTSG, A. Waterhouse, UTSG

Professors:

Email Address:

George B. Arhonditsis, PhD (Aegean), UTSC	georgea@utsc.utoronto.ca
Ronald Buliung ⁴ , PhD (McMaster), UTM	ron.buliung@utoronto.ca
Jing Chen, PhD (Reading), FRSC, UTSG	jing.chen@utoronto.ca
Continental and global carbon and water cycle modeling	
Coupling of water and carbon cycles in wetlands and forests	
Global carbon cycle modelling	
Hyperspectral remote sensing application to forestry	
Multiangle remote sensing application to land surface	
Nested global inversion for North America carbon budgets	

Tenley Conway, PhD (Rutgers), UTM

tenley.conway@utoronto.ca

¹ At the University of Toronto, graduate programs involve faculty from all three campuses (UTM, UTSG, UTSC), while undergraduate programs involve only the faculty located at their respective campuses

² UTM= University of Toronto Mississauga, UTSG=University of Toronto St George, UTSC=University of Toronto Scarborough

³ For research interests and publications of faculty members based at UTM and UTSC, see the separate listings in this directory for those two campuses

⁴ Tri-Campus Graduate Chair, Department of Geography, UTM

- Deborah Cowen, PhD (Toronto), UTSG deb.cowen@utoronto.ca
Geographies of citizenship, militarism, and war
Security and cities
Sub/urban politics
- Amrita Daniere, PhD (Harvard), UTSG amrita.daniere@utoronto.ca
Building urban climate change resilience in secondary cities
of Southeast Asia
Development and implementation of policy and planning from a
political-economy perspective in urban areas of the Global South
Infrastructure provision in developing-country megacities (including water
and sanitation services, housing, solid waste collection and disposal,
and transportation)
- Joe Desloges, PhD (British Columbia), UTSG desloges@geog.utoronto.ca
Floodplain sedimentology
Geoarcheology, B.C. and Ontario
Glaciolacustrine sediment records, B.C., Alberta, N.W.T., Greenland, Iceland,
and Norway
Paleohydrology and environmental reconstruction
- Meric Gertler, PhD (Harvard), FRSC, UTSG president@utoronto.ca
Economic change in the Toronto region
Industrial cultures and practices: national, regional and local modes of
governance (particularly in Canada, the United States, and Germany)
Social foundations of economic performance: creativity, diversity, and cities
- Emily Gilbert, PhD (Bristol), UTSG emily.gilbert@utoronto.ca
Citizenship, borders and security
Nationalism, postcolonialism, globalization
Social and political theory
The culture and politics of money and North America
- Kanishka Goonewardena, PhD (Cornell), UTSG kanishka.goonewardena@utoronto.ca
Urbanism and critical theory
Planning practice, political thought and geo-political-economics
Modernity and nationalism (postcolonial and diasporic)
- William A. Gough, PhD (McGill), UTSC gough@utsc.utoronto.ca
- Jason Hackworth, PhD (Rutgers), UTSG jason.hackworth@utoronto.ca
Political economy
Comparative urban policy
Declining cities
Urban abandonment
- Danny Harvey, PhD (Toronto), UTSG harvey@geog.utoronto.ca
Climatic change due to human activities – scenarios and impacts
Global scale potential to reduce greenhouse gas emissions through energy
efficiency
- Yuhong He⁵, PhD (Saskatchewan), UTM yuhong.he@utoronto.ca
- Paul Hess, PhD (Washington), UTSG hess@geog.utoronto.ca
Planning and designing for non-motorized travel modes
Travel behavior interactions with urban form

⁵ Chair, Department of Geography, UTM

- Urban form analysis, representation and measurement using GIS
- Mark Hunter, PhD (UC Berkeley), UTSC mhunter@utsc.utoronto.ca
- Marney Isaac, PhD (Toronto), UTSC marney.isaac@utoronto.ca
- Shashi Kant, PhD (Toronto), UTM shashi.kant@utoronto.ca
- Thembela Kepe⁶, PhD (Western Cape), UTSC kepe@utsc.utoronto.ca
- Deborah Leslie, PhD (British Columbia), UTSG leslie@geog.utoronto.ca
- Commodity chains
- Cultural industries
- Urban-economic
- Cultural and feminist geography
- Robert Lewis, PhD (McGill), UTSG lewis@geog.utoronto.ca
- Economic geography of the North American city, 1850-1950
- Industrial and social geography of the suburbs, 1850-1950
- Social geography of colonial cities in India, 1881-1921
- Jane Liu, PhD (Toronto), UTSG liu@geog.utoronto.ca
- Atmospheric environment (pollution transport and emission from fires, air quality and health implications, satellite monitoring, modeling)
- Tropospheric and stratospheric ozone
- Climate change
- W. Scott Prudham, PhD (UC Berkeley), UTSG scott.prudham@utoronto.ca
- Environmental politics, policy, and social justice
- Forest politics and policy, western North America
- Political ecology
- Political economy and environment
- Katharine Rankin, PhD (Cornell), UTSG rankin@geog.utoronto.ca
- Comparative market regulation, South Asia, Southeast Asia, North America
- Critical development studies
- Planning history and theory
- Urban governance and commercial gentrification
- Susan Ruddick, PhD (UC Los Angeles), UTSG ruddick@geog.utoronto.ca
- Philosophy and its influences on geographic thought
- Social justice
- Matti Siemiatycki, PhD (British Columbia), UTSG siemiatycki@geog.utoronto.ca
- Community and regional planning
- Infrastructure finance and delivery
- Transportation policy and planning
- Rachel Silvey, PhD (Washington), UTSG silvey@geog.utoronto.ca
- Critical development studies
- Indonesia
- Migration
- The politics of Islam
- Transnational feminism
- Andre Sorensen, PhD (LSE), UTSC sorensen@utsc.utoronto.ca
- Sarah Wakefield, PhD (McMaster), UTSG sarah.wakefield@utoronto.ca
- Community development and neighbourhood change
- Community-engaged scholarship

⁶ Chair, Department of Human Geography, UTSC

Critical health geography
 Environmental justice/just sustainability
 Mobilizing for community food security in Canada
 Alan Walks, PhD (Toronto), UTM alan.walks@utoronto.ca
 Kathi Wilson, PhD (Queen's), UTM kathi.wilson@utoronto.ca

Professors, Teaching Stream:

Donald Boyes, PhD (Western Ontario), UTSG don.boyes@utoronto.ca
 Geographic information systems (GIS) and science
 Scholarship of teaching and learning, pedagogical development
 Teaching with technology, online and blended learning
 Barbara Murck, PhD (Toronto), UTM bmurck@utm.utoronto.ca

Associate Professors:

Christian Abizaid, PhD (McGill), UTSG christian.abizaid@utoronto.ca
 Peasant livelihoods in tropical forests
 Human responses to environmental change
 Cultural ecology, environment and development issues in Latin America
 Alana Boland, PhD (Washington), UTSG boland@geog.utoronto.ca
 Environment and development in China
 Urban political ecology
 Laura Brown, PhD (Waterloo), UTM lc.brown@utoronto.ca
 Michelle Buckley, PhD (Oxford), UTSC mbuckley@utsc.utoronto.ca
 Susannah Bunce, PhD (York), UTSC scbunce@utsc.utoronto.ca
 Pierre Desrochers, PhD (Montreal), UTM pierre.desrochers@utoronto.ca
 Richard DiFrancesco⁷, PhD (McMaster), UTSG difrance@geog.utoronto.ca
 The functioning and evolution of regional economic clusters
 The policy implications of cluster evolution in the face of changing
 trade environments
 Tim Duval, PhD (McMaster), UTM tim.duval@utoronto.ca
 Michael Ekers, PhD (Oxford), UTSC mekers@utsc.utoronto.ca
 Steven Farber, PhD (McMaster), UTSC steven.farber@utoronto.ca
 Matthew Farish, PhD (British Columbia), UTSG farish@geog.utoronto.ca
 The American Cold War
 American military-environment relations, 1898-present
 The cultural and historical geography of North American cities
 The militarization and modernization of the North American Arctic, 1940-1965
 Twentieth-century intellectual history
 Ryan Isakson, PhD (Massachusetts Amherst), UTSC risaksson@utsc.utoronto.ca
 Nicole Klenk, PhD (British Columbia), UTSC nicole.klenk@utoronto.ca
 Kenneth Ian MacDonald, PhD (Waterloo), UTSC kmacd@utsc.utoronto.ca
 Carl Mitchell, PhD (Toronto), UTSC c.mitchell@utsc.utoronto.ca
 Sharlene Mollett, PhD (Toronto), UTSC sharlene.mollett@utoronto.ca
 Rajyashree Narayanareddy, PhD (Minnesota), UTSC rreddy@utsc.utoronto.ca

⁷ Chair, Department of Geography and Planning, UTSG

Andrea Olive, PhD (Purdue), UTM	andrea.olive@utoronto.ca
Natalie Oswin, PhD (British Columbia), UTSC	natalie.oswin@utoronto.ca
Neera Singh, PhD (Michigan), UTSG	neera.singh@utoronto.ca
Environmental conservation and development	
Community forestry, forest tenure and forest governance	
Environmental behavior and subjectivity	
Tara Vinodrai, PhD (Toronto), UTM	tara.vinodrai@utoronto.ca
Matthew Wells, PhD (Australian National), UTSC	wells@utsc.utoronto.ca
Michael Widener, PhD (SUNY Buffalo), UTSG	michael.widener@utoronto.ca
Access to healthy food and healthcare facilities	
Health and transportation geographies	
GIS, agent-based modelling, and spatial optimization	
Jun Zhang, PhD (Minnesota), UTSG	zhang@geog.utoronto.ca
Urban and regional economic development	
Geographic theorizing of markets, states, and institutions	
Geography of innovation and entrepreneurship	

Associate Professors, Teaching Stream:

Ahmed Allahwala, PhD (York), UTSC	aallahwala@utsc.utoronto.ca
Glenn Brauen, PhD (Carleton), UTSC	glenn.brauen@utoronto.ca
Monika Havelka, PhD (Western Ontario), UTM	monika.havelka@utoronto.ca
Nicole Laliberte, PhD (Pennsylvania), UTM	Nicole.laliberte@utoronto.ca
Joseph Leydon, PhD (Toronto), UTM	joseph.leydon@utoronto.ca

Assistant Professors:

Matthew Adams, PhD (McMaster), UTM	md.adams@utoronto.ca
Laurel Besco, PhD (Ottawa), UTM	laurel.besco@utoronto.ca
Michelle Daigle, PhD (Washington), UTSG	m.daigle@utoronto.ca
Carolyn DeLoyde, PhD (Queen's), UTSG	carolyn.deloyde@utoronto.ca
Heather Dorries, PhD (Toronto), UTSG	heather.dorries@utoronto.ca
Rachel Goffe, PhD (CUNY Graduate Center), UTSC	rachel.goffe@utoronto.ca
Christopher Higgins, PhD (McMaster), UTSC	cd.higgins@utoronto.ca
Zachary Hyde, PhD (British Columbia), UTSC	zachary.hyde@utoronto.ca
Vincent Kuuire, PhD (Western Ontario), UTM	vincent.kuuire@utoronto.ca
Igor Lehnher, PhD (Alberta), UTM	igor.lehnher@utoronto.ca
Damian Maddalena, PhD (North Carolina), UTM	damian.maddalena@utoronto.ca
Trevor Porter, PhD (Carleton), UTM	trevor.porter@utoronto.ca
Jason Spicer, PhD (MIT), UTSG	jason.spicer@utoronto.ca
Community economic development strategy and planning	
Cooperatively owned businesses in promotion of economic development at the urban scale	
Lindsay Stephens, PhD (Toronto), UTSG	lindsay.stephens@utoronto.ca
Jue Wang, PhD (Illinois Urbana-Champaign), UTM	gis.wang@utoronto.ca

Assistant Professors, Teaching Stream:

Karim Malik, PhD (Wilfrid Laurier), UTSG	karim.malik@utoronto.ca
--	-------------------------

Sarah Peirce, PhD (Western Ontario), UTSG

s.peirce@utoronto.ca

Adjunct Faculty:

J. Berridge, UTSG, P. Campsie, UTSG, R. Dowler, UTSG, Z. Ebrahim, UTSG, J. Farrow, UTSG, K. Hope, UTSG, J. McLaughlin UTSG, P. Zimmerman, UTSG

Sessional II Instructors:

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Department Offers

BA and BSc Honours, Major, and Minor programs; BSc Honours or Major in Physical Geography and Earth and Ocean Sciences; BSc Major in Geography and Computer Science (Geomatics); Minor in Coastal Studies; Minor in Geographic Information Technology; MA; MSc; PhD

Faculty

Professor Emeriti:

Philip Dearden, Michael C.R. Edgell, C. Peter Keller, Stephen Lonergan, Olaf Niemann, J. Douglas Porteous, Dan Smith, Martin Taylor, Stanton Tuller, Colin J.B. Wood

Professor:

Email Address:

David Atkinson¹, PhD (Ottawa)

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Alpine icefield responses to weather

Synoptic climatology

Northern Indigenous perspectives on weather

Weather system impacts of coastal regions

Denise Cloutier, PhD (Guelph)

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Healthy aging

Continuum of care

Mixed methods

Housing insecurity

Housing, transportation, and services

Community-engaged research

Maycira Costa, PhD (Victoria)

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Biophysical remote sensing of freshwater, coastal waters, and nearshore habitats

Water optics

Biophysical remote sensing of wetlands

Chris Darimont, PhD (Victoria)

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Conservation ethics

Ecosystem-based harvest management

Indigenous geographies

Marine-terrestrial interactions

Wildlife ecology

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Mark Flaherty, PhD (McMaster)	msf@uvic.ca
Small-holder aquaculture, food security, and poverty alleviation in developing nations	
Jutta Gutberlet, PhD (Tübingen, Germany)	gutber@uvic.ca
Development geographies	
Participatory action research	
Situated urban political ecology	
Waste governance	
Social and solidarity economy	
Dennis Jelinski, PhD (Simon Fraser)	jelinski@uvic.ca
Biological conservation	
Landscape ecology and biogeography	
Wildlife ecology	
Reuben Rose-Redwood, PhD (Penn State)	redwood@uvic.ca
Cultural landscape studies	
Urban historical geography	
Politics of mapping	
History of geographical thought	

Associate Professor:

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Geographic information systems	
Spatial analysis and modelling	
Coupled human and natural systems	
Forest disturbances	
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Energy geography	
Sustainability transitions	
Diffusion of innovations	
Renewable energy transformations	
Randall Scharien, PhD (Calgary)	randy@uvic.ca
Snow and sea ice variability and climate change	
Remote sensing with synthetic aperture radar	
Radar polarimetry	

Assistant Professor:

Noémie Boulanger-Lapointe, PhD (British Columbia)	nboulangerlapointe@uvic.ca
Socio-ecological systems	
Spatial modelling	
Plurality of knowledge	
Tundra	
Sophia Carodenuto, PhD (Freiburg, Germany)	carodenuto@uvic.ca
Climate policy and practice	
Forest governance	
Africa studies	
Global value chains	

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Water	
Community	
Nature-based solutions	
Techno-ecological synergy	
Eva Kwohl, PhD (Bremen, Germany)	ekwohl@uvic.ca
Estuarine dynamics	
Eelgrass ecogeomorphology	
Coastal sediment transport processes	
Sophie Norris, PhD (Alberta)	sophienorris@uvic.ca
Quaternary geomorphology	
Geochronology	
Ice sheet dynamics	
Glacial erosion	
Glacial lake outburst floods	
Deondre Smiles, PhD (Ohio State)	dsmiles@uvic.ca
Critical Indigenous geographies	
Human-environmental interaction	
Political ecology	
Indigenous cultural resource preservation	
Crystal Tremblay, PhD (Victoria)	crystalt@uvic.ca
Environmental governance	
Participatory community-based research	
Social justice	

Teaching Professor:

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Human and social geography	
Feminist geography	
Geographies of intimate partner violence	
History of geography	
Geography pedagogy and professional development	
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Cartography	
GIS	
Cameron Owens, PhD (Simon Fraser)	camo@uvic.ca
Community-engaged research and teaching	
Field school learning	
Sustainable community development	
Environmental impact assessment	

Associate Teaching Professor:

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Urban social geography	
Global migration	
Race and ethnicity	

Geographies of international students
Caribbean studies

Assistant Teaching Professor:

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Physical geography and geomatics
Field school learning
Mountain meteorology

fargey@uvic.ca

Adjunct Faculty:

Heather Castleden, PhD (Alberta), Adjunct Professor
Anthony Charles, PhD (UBC), Adjunct Professor
Michael Demuth, BSc (Calgary), Adjunct Professor
Yonas Dibike, PhD (Delft), Adjunct Professor
Trisalyn Nelson, PhD (WLU), Adjunct Professor
Nathaniel Newlands, PhD (UBC), Adjunct Professor
Paul Paquet, PhD (Alberta), Adjunct Professor
Christopher Pearce, PhD (Laval), Adjunct Professor
Daniel L. Peters, PhD (Trent), Adjunct Professor
Pamela Shaw, PhD (UVic), Adjunct Professor
Rajesh Shrestha, PhD (Karlsruhe), Adjunct Professor
Ian Walker, PhD (Guelph), Adjunct Professor
Fred Wrona, PhD (Calgary), Adjunct Professor
Stephen F. Cross, PhD (Stirling), Adjunct Associate Professor
Michele-Lee Moore, PhD (Laurier), Adjunct Associate Professor
Albert Refiti, PhD (Auckland), Adjunct Associate Professor
Rick Rollins, PhD (Washington), Adjunct Associate Professor
Kyle Artelle, PhD (SFU), Adjunct Assistant Professor
Rianna Burnham, PhD (UVic), Adjunct Assistant Professor
Bruce Downie, PhD (UVic), Adjunct Assistant Professor
William Floyd, PhD (UBC), Adjunct Assistant Professor
Gwyn Lintern, PhD (Oxford), Adjunct Assistant Professor
Grant Murray, PhD (Michigan), Adjunct Assistant Professor
Robert Newell, PhD (UVic), Adjunct Assistant Professor
Patrick O'Hara, PhD (SFU), Adjunct Assistant Professor
Daniel Perrakis, PhD (Washington), Adjunct Assistant Professor

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BES, MA, MES, MSc, MCC, GDip-CRM, PhD. Specializations: Climate Change and Environment; Earth Systems Science; Geomatics; Economy and Society; and Aviation.

Faculty

Professors:

Email Address:

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Transportation planning	
Weather hazards	
Climate change adaptation	
Claude Duguay, PhD (Waterloo)	crduuguay@uwaterloo.ca
Climate impacts on the cryosphere	
Climate-lake interactions	
Numerical modelling and remote sensing of lake ice	
Susan Elliott, PhD (McMaster)	elliotts@uwaterloo.ca
Medical geography	
Environment and health	
Global health	
Philosophies of science	
Helen Jarvie, PhD (Reading)	hjarvie@uwaterloo.ca
River-system biogeochemistry	
Nutrient (phosphorus, P, and nitrogen, N) cycling, eutrophication	
Water quality, from watershed to global perspectives	
Richard Kelly ² , PhD (Bristol)	rejkelly@uwaterloo.ca
Global change of the cryosphere	
Remote sensing of global snow water equivalent from passive microwave measurements	
Jonathan Li, PhD (Cape Town)	junli@uwaterloo.ca
Mobile laser scanning for 3D object extraction	
Urban modelling using remote sensor data	
Environmental monitoring using satellite data	
Merrin Macrae, PhD (Wilfrid Laurier)	mmacrae@uwaterloo.ca
Hydrology and chemistry of agricultural runoff	
Hydrologic and biogeochemical processes in wetlands	

¹ Faculty Dean

² Department Chair

- Sanjay Nepal, PhD (Bern) snepal@uwaterloo.ca
 Biodiversity conservation and tourism
 Resolving conflict between wildlife agencies and local communities
 Tourism impacts on the environment in parks and protected areas and remote communities
- Paul Parker, PhD (London) pparker@uwaterloo.ca
 Sustainable energy policy
 Net zero energy houses/communities, residential energy efficiency
 Smart grid: energy hub management system
 Remote communities / First Nations: renewable energy in the North
 Sustainable community development
 Green economy, knowledge economy
 Community energy planning, regional development initiatives
- Richard Petrone, PhD (Waterloo) rich.petrone@uwaterloo.ca
 Greenhouse gas fluxes
 Hydrometeorology of boreal peatlands and forests
 Reclamation
 Soil-vegetation-atmosphere interactions
 Alpine hydrometeorology
- Daniel Scott, PhD (York) dj2scott@uwaterloo.ca
 Climate change adaptation and mitigation in the tourism sector
 Global change and tourism
 Sustainable tourism
 Climate change and insurance
- Steffanie Scott, PhD (British Columbia) sdscott@uwaterloo.ca
 East Asia (China, Vietnam) and Canada
 Agro-food system sustainability
 Organic & ecological agriculture
 Rural transformation
 Environment-development interfaces, sustainable communities
- Michael Stone, PhD (Waterloo) mstone@uwaterloo.ca
 Sediment/water interactions
 Land disturbance and water quality
 Stormwater management
- Maria Strack, PhD (McMaster) mstrack@uwaterloo.ca
 Wetland greenhouse gas exchange
 Peatland restoration and reclamation
 Organic soil physics

Associate Professors:

- Sarah Burch, PhD (British Columbia) sarah.burch@uwaterloo.ca
 Landscape visualizations
 Participatory planning in communities
 Social-ecological systems
 Sustainability entrepreneurship ; Sustainability policy
 Urban climate change governance

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Agent based modelling	
Geographic information systems	
Land use change	
Natural resources management	
Brent Doberstein, PhD (British Columbia)	bdoberst@uwaterloo.ca
Capacity building	
International development	
Natural hazards	
Parks and protected areas	
Resource and environmental management	
Christine Dow, PhD (Swansea)	christine.dow@uwaterloo.ca
Subglacial hydrology	
Glacial numerical modeling	
Ice dynamics of ice sheets and glaciers	
Christopher Fletcher, PhD (University College)	chris.fletcher@uwaterloo.ca
Modelling of climate variability and change	
Atmospheric teleconnections	
Aerosol-climate interaction	
Cryosphere-climate interaction	
Peter Johnson, PhD (McGill)	peter.johnson@uwaterloo.ca
Government use of geospatial technology	
Mobile devices	
Open data	
The geospatial web 2.0	
Suzanne Kearns, PhD (Capella)	suzanne.kearns@uwaterloo.ca
Aviation human factors and pilot training	
Educational theory related to aviation, including the shift towards competency-based education practices and the impact of e-learning in aviation	
Yuri Leonenko, PhD (Novosibirsk)	leonenko@uwaterloo.ca
Development of Climate Control technologies with an emphasis on Carbon Capture and Storage. Modeling and numerical simulation of multiphase flow in porous media, fractures and faults;	
Interactions between CO ₂ and reservoir fluids; novel technologies for in situ and ex situ dissolution of CO ₂ , risk and economic assessments	
Derek Robinson, PhD (Michigan)	dtrobinson@uwaterloo.ca
Agent-based modelling	
Impact and responses among ecological processes, climate, and land management	
Land use, land management and the carbon cycle	
Policy impacts on land use and ecosystem services	
Terrestrial ecosystem management	
Unmanned aerial vehicles	
Retail location	
Wetland reclamation	
Johanna Wandel, PhD (Guelph)	jwandel@uwaterloo.ca
Adaptation and climate change	
Community based assessment	

Vulnerability
Nancy Worth, PhD (Leeds)
Economic geography
Social geography
Feminist geography
Social justice
Identities and belonging

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Assistant Professors:

Daniel Cockayne, PhD (Kentucky) daniel.cockayne@uwaterloo.ca
Cultural geography ; Critical human geography
Economic geography
Entrepreneurialism and startup economies
Feminist geography, queer geography and sexuality

Grant Gunn, PhD (Waterloo) g2gunn@uwaterloo.ca
Remote sensing and
Target interactions with permafrost and lakes in Arctic, sub-Arctic and Temperate regions

Quinn Lewis, PhD (Illinois) quinn.lewis@uwaterloo.ca
Fluvial geomorphology, water resources, hillslope erosion and watershed processes, remote sensing of rivers, UAVs

Wesley Van Wychen, PhD (Ottawa) wesley.van.wychen@uwaterloo.ca
Remote sensing, glaciology, glacier dynamics, remote sensing of oceans (sea ice, currents), data management, climate data rescue

Lecturers:

Erin O'Connell, PhD (Waterloo) erin.oconnell@uwaterloo.ca
Post-disaster vulnerability reduction and building sustainable and resilient capacities in disaster-affected communities; emphasis on community-based disaster recovery and reconstruction in Asia; environmental studies, examining the human interactions with the natural world

Su-Yin Tan, PhD (Cambridge) sy2tan@uwaterloo.ca
Remote sensing geographic information systems (GIS), spatial statistics and data analysis, GIS education
Vegetation and climatology ; Environmental monitoring

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BA (3 year, 4 year and Honors), BSc (3 year, 4 year and Honors), MA, MSc, PhD, Honors Specializations in Geography, Geographic Information Science, Urban Development, Geography and Commercial Aviation Management, Geography/HBA, Urban Development/HBA

Faculty

Professors Emeriti:

Elaine Bjorklund, PhD (Chicago)
 Richard Butler, PhD (Glasgow)
 Don Cartwright, PhD (Western)
 Robert Cecil, PhD (McGill)
 William Code, PhD (Berkeley)
 Milford Green, PhD (Ohio State)
 Don Janelle, PhD (Michigan State)
 Brian Luckman, PhD (McMaster)
 Gordon McBean, PhD (British Columbia)
 Robert McDaniel, PhD (Western)
 Joy Parr, PhD (Yale)
 Micha Pazner, PhD (UC Santa Barbara)
 Chris Smart, PhD (McMaster)
 L. Graham Smith, PhD (Waterloo)
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Professors:

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Housing and economic development	
Regional and local economic development policy and planning	
Third World development issues (especially Africa)	
Urban development and policy analysis	
Peter Ashmore, PhD (Alberta)	pashmore@uwo.ca
Fluvial geomorphology	
Sediment transport	
Jamie Baxter, PhD (McMaster)	jamie.baxter@uwo.ca
Community responses to hazards	
Environmental risks from hazards	
Health	
Methodology	

Noxious facility siting	
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Biogeochemistry	
Eco hydrology	
Wetland ecosystem science	
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Biochemistry	
Forests	
GIS	
Hydrology	
Remote sensing	
Watersheds	
Jason Gilliland, PhD (McGill)	jgillila@uwo.ca
Children's environments	
GIS	
Health geography	
Urban studies	
Isaac Luginaah, PhD (McMaster)	iluginaa@uwo.ca
Air pollution	
Environment and health	
GIS and health	
HIV/AIDS	
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GIS	
Location analysis	
Quantitative methods	
Dan Shrubsole, PhD (Waterloo)	dashrubs@uwo.ca
Integrated resource management (water)	
James Voogt ¹ , PhD (British Columbia)	javoogt@uwo.ca
Urban climatology	
Jinfei Wang, PhD (Waterloo)	jfwang@uwo.ca
GIS	
Remote sensing	
Tony Weis, PhD (Queen's)	aweis@uwo.ca
Environmental conservation in equitable landscapes	
Globalization and agriculture	
Land reform and social movements	
Political ecology	
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Environment and health	
GIS	
Housing; Urban planning	
David Goldblum, PhD (University of Colorado)	david.goldblum@uwo.ca
Biogeography	

¹ Department Chair

- Natural and anthropogenic disturbances on forest
grassland and woodland plant communities
Jeff Hopkins, PhD (McGill) jhopkins@uwo.ca
Cultural geography
Gender
Public places
- Carol Hunsberger, PhD (Carleton) chunsber@uwo.ca
Biofuels
East Africa
Political ecology
- Agnieszka Leszczynski, PhD (Washington) aleszczy@uwo.ca
Digital geographies
GIScience & Society
Digital location
Geolocation
Platform economy
- Jed Long, PhD (Victoria) jlong83@uwo.ca
GIS and other spatial analysis techniques in the study of movement
Spatial and space-time analysis
GIScience; including spatial modelling, volunteered geographic information
- Desmond Moser, PhD (Queen's) dmoser22@uwo.ca
Geochronology
Tectonics
- Katrina Moser, PhD (McMaster) kmoser@uwo.ca
Climate change
Limnology
Paleoecology
Paleolimnology
Quaternary environments
Water quantity and quality
- Chantelle Richmond, PhD (McGill) chantelle.richmond@uwo.ca
Aboriginal health
Community-based research
Health impacts of environmental change
Mixed methods
Social determinants of health
Social support

Assistant Professors:

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Transportation
Human mobility
Accessibility
Public transit
Geographic Data Science
- Natasha MacBean, PhD (University College, UK) nmacbean@uwo.ca
Global environmental and climate change

Carbon and biogeochemical cycles
Vegetation dynamics
Terrestrial Biosphere/Land Surface Modeling
Environmental remote sensing
Model-data fusion/data assimilation

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Department Offers

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Faculty

Professors:

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Prairie Climate Centre (Co-Director)

Climate Atlas of Canada (climateatlas.ca)

Visualization of climate change data

Climate change and variability in the Western Interior

Bill Buhay, PhD (Waterloo)

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Development and application of stable-isotope methods for evaluating isotopic compositions of organic and inorganic materials from natural archives such as groundwater, lake sediments, and terrestrial organic matter

Pre- and postglacial isotope-climate and hydrology linkages in central and western North America and Western Europe

Water, climate and greenhouse gas emission studies using isotope tracers; isotope geochemistry; isotope climatology and paleoclimatology

Edward A. Cloutis, PhD (Alberta)

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Composition of main belt asteroids

Design of planetary spectrometers and mission concepts

Hyperspectral remote sensing data analysis

Remote sensing detection of organic geological materials

Spectroscopic studies of art work for forgery and underpainting detection

Surficial geological properties of Mars

Jino Distasio, PhD (Manitoba)

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Downtown redevelopment

Homelessness and mental health

Housing markets

Urban Indigenous policy

Urban and community planning

Patricia Fitzpatrick, PhD (Waterloo)

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Environmental assessment

Public participation and learning

Environmental governance, including adaptive management and corporate social responsibility

Resource management in the mineral and hydroelectric sectors

Associate Professors:

- Jacqueline Binyamin, PhD (McMaster) j.binyamin@uwinnipeg.ca
 Climate change
 Modelling clouds and ultra-violet biologically active radiation (UV-B)
 Modelling the energy transfer of high latitude Canadian lakes
 Surface-atmosphere interactions and boundary layer processes
- Nora Casson, PhD (Trent) n.casson@uwinnipeg.ca
 Interactions between hydrological and biogeochemical processes across ecosystems
- Matt Dyce, PhD (UBC) m.dyce@uwinnipeg.ca
 Western Canada
 Environmental history
 Photography and representation
 Archives and knowledge
 History of geography
 Place and public memory
- Ian Mauro, PhD (Manitoba) i.mauro@uwinnipeg.ca
 Indigenous and local knowledge regarding climate change
 Food security and local knowledge
 Indigenous health systems
 Multi-media methods in geography and environmental science
 Resource development and communities
 Risk assessment of emerging technologies
- Christopher Storie, PhD (Wilfrid Laurier) c.storie@uwinnipeg.ca
 Satellite Image Segmentation using Deep Learning and Convolution Neural Networks
 Mapping of Informal Settlements in the Developing World using Satellite Imaging Applications
 Commercial structure and retail location analysis
 Geospatial analysis of urban areas
- Joni Storie, PhD (Waterloo) j.storie@uwinnipeg.ca
 Application of GIS & remote sensing for agriculture, wetland and forestry mapping
 Exploring advancements in field data collection for land cover mapping using machine learning
- Gina Sylvestre, PhD (Manitoba) g.sylvestre@uwinnipeg.ca
 Winter pedestrianism
 Rural aging, mobility and community sustainability
 Aging and social exclusion
- Marc Vachon, PhD (Ottawa) m.vachon@uwinnipeg.ca
 Architecture and city planning (Western Canada)
 Architecture and Sense of place
 20th Century cultural avant-garde
 Migration (western Canada)
 Downtown development (Western Canada)
 Land use development

Situationism

Instructor

Jay Maillet, PhD (Saskatchewan) j.maillet@uwinnipeg.ca
Dendrochronology
Dendroclimatology
Climate change impacts on boreal forest trees
Forest carbon

Professor Emeritus:

John C. Lehr, PhD (Manitoba) j.lehr@uwinnipeg.ca
Hutterite Society
Jewish agricultural settlement on the prairies
The historical geography of Cooks Creek, Manitoba

Senior Scholars:

William F. Rannie, PhD (Toronto) ranniebill@gmail.com
Environmental history of the eastern prairies in the 19th Century
The Assiniboine River basin
John Ryan, PhD (McGill) jryan@shaw.ca
Agricultural Economy of Manitoba Hutterite Colonies
Potential Use of Submarine Cable for Long Distance Electricity Transmission in
Manitoba – research for Manitoba Hydro
Articles on events in Canada, Afghanistan, Ukraine, Syria

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Department Offers

BA (major/ minor), Honours BA, BSc (minor), BSc Major in Geoscience, Advanced Diploma in GIS Applications, Forestry Transfer Option, Geography Internship Program, Master of GIS Applications. Faculty also participate in programs in Global Studies, Interdisciplinary Studies, and Master of Community Planning.

Faculty

Regular Faculty:

Email Address:

Matthew Bowes, PhD (U. Victoria)

matthew.bowes@viu.ca

Human dimensions of natural resource management

Urban & Regional planning and management

Sustainability

Social and cultural geography

Dave Cake, MSc (U. Victoria)

dave.cake@viu.ca

Wildlife habitat modeling

Engineering and environmental applications of GIS

Geodatabase design and implementation

Juliane Collard, PhD (UBC)

juliane.collard@viu.ca

Social geography, law and society, science and society, political ecology, feminist geography, theory and methods, political ecologies of health and the body, feminist political economy, assisted reproduction, biological and social reproduction, capitalism.

Post-doctoral Fellow, University of Bern, Switzerland (2020-2022)

Alan Gilchrist, PhD (U. Liverpool)

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Macroscale geomorphology

Watershed restoration in coastal British Columbia

Water resources management on Vancouver Island

Michael Govorov, PhD (Siberian State Academy)

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GIS and spatial analysis

Remote sensing

GIS programming

Jeff Lewis, PhD (U. Victoria)

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Awareness of climate change through education and research – public outreach

Climate change impacts and adaptation

Vancouver Island weather station network

Michele Patterson, MA (Royal Roads)

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Climate adaptation policy

Social and cultural values in seafood and seafood communities

*Member, VIU President's Task Force on Climate Action and Sustainability
Chair, Geography Department and GIS Programs*

Pam Shaw, PhD (Victoria) pam.shaw@viu.ca

Planning and the public interest

Retail geography

Chair, Master of Community Planning Program

Research Director, Mt Arrowsmith Biosphere Region Reserve Institute (MABBRI)

Sean Sloan, PhD (U. Melbourne) sean.sloan@viu.ca

Conservation and Development

Rural transitions and forest management

Social-political and agrarian dimensions of land-cover transitions

Forest transition science (sub-field of sustainability science)

*VIU Tier 2 Canada Research Chair in the Human Dimensions of Sustainability
and Resilience*

Hannah Wilson, PhD (Waterloo) hannah.wilson@viu.ca

Educational advances in spatial analysis

Remote predictive mapping - mineral resources in Canada's North

Remote sensing applications in resource management

Terrestrial ecosystems

Paul Zandbergen, PhD (UBC) paul.zandbergen@viu.ca

Geographic Information Science

Spatio-temporal analysis and modelling

Positioning technologies and location-based services

Error propagation modelling in spatial processes

Terrain analysis and watershed management

Sessional / Adjunct Faculty:

Don Alexander, PhD (Waterloo) (Retired regular faculty) don.alexander@viu.ca

Theory and practice of urban sustainability/ livability

Urban governance and the climate crisis

Universities as vehicles for sustainability theory and practice

Honorary Research Associate, VIU Master of Community planning program

Bill Floyd, PhD (UBC) bill.floyd@viu.ca

Forest hydrology with focus on land-use impacts to stream flow and water quality

Implications of climate change on regional stream flow and extreme events

Nutrient export from forested watersheds

Zuzana Kornatovska, (U S. Bohemia – Czech Republic) zuzana.kornatovska@viu.ca

Adaptive recreation, accessibility

Brad Maguire, PhD (Victoria) brad.maguire@viu.ca

GIS, Geomorphology, Spatial Modelling, GeoAI (Convolutional Neural Networks)

Using GIS and CNN for landform identification

Mapping of place and place attachment using GIS

Michael Tripp, PhD (Victoria) (Retired regular faculty) michael.tripp@viu.ca

Historical geography—immigration

Russian protected area systems / post-Soviet Russia

Suburban social geography

Technician:

Jessica Craig, MSc (Victoria)
Macroscale geomorphology
Quaternary geology
Geography education

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Wilfrid Laurier University

Department of Geography and Environmental Studies

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Website: <https://students.wlu.ca/programs/arts/geography-and-environmental-studies/index.html>

Department Offers¹

BA, BSc, MA, MES, MSc, PhD

Faculty – Waterloo Campus

Professors Emeriti:

Barry Boots, Alfred Hecht, Russell Muncaster, Helen Parson, Bruce Young, Gordon J. Young, Barbara Carmichael

Retired Professors:

Jody Decker, Judy Bates, Bob Sharpe, Rob Milne, Michael English

Professors:

E-mail Address:

Alison Blay-Palmer, PhD (Guelph)	ablaypalmer@wlu.ca
UNESCO Chair in Food, Biodiversity and Sustainability Studies	
Globalization	
Green economy initiatives	
Multi-scaled economic development	
Sustainable food systems	
Mary-Louise Byrne ² , PhD (McMaster)	mlbyrne@wlu.ca
Aeolian geomorphology	
Coastal geomorphology	
GIS application in coastal environment	
Great Lakes sand dunes	
Stratification in coastal sand dunes	
Jonathan Crush, PhD (Queens)	jcrush@wlu.ca
International Migration and Diasporas	
Urban Food Security	
African Politics and Development	
Simon Dalby, PhD (Simon Fraser)	sdalby@wlu.ca
Climate security	
Environmental geopolitics	
Sean T. Doherty, PhD (Toronto)	sdoherty@wlu.ca
Applications of Global Positioning Systems	

¹ Directory listing last updated in 2020

² Chair (faculty information as of July 1, 2019)

- Diabetes management and decision support systems
 Experience sampling methods
 Healthy parks and physical activity
 Local food messaging systems
 Mobility and health
- Philip Marsh³, PhD (McMaster) pmarsh@wlu.ca
 Canada Research Chair in Cold Regions Water Science
 Arctic hydrology
 Snow accumulation, melt and runoff
 Climate change impacts on the arctic
 Hydrological modelling
 Arctic deltas
- Robert McLeman, PhD (Guelph) rmcleman@wlu.ca
 Citizen science
 Community adaption to climatic variability and change
 Environment and human migration
- Alison Mountz², PhD (British Columbia) amountz@wlu.ca
 Canada Research Chair in Global Migration
 Displacement, refugee issues, asylum, detention
 Feminist geography
 Global migration
 Political geography of borders, islands, migration
 Urban geography
- William L. Quinton, PhD (Saskatchewan) wquinton@wlu.ca
 Hydrology
 GIS Geochemical Cycling
 Climate Change
 Environmental Management
- D. Scott Slocombe, PhD (Waterloo) sslocomb@wlu.ca
 Ecosystem-based management and integrated land and marine planning
 Environmental assessment (especially CEA), environmental policy and
 environmental education
 Northern and Western Canada, Alaska, Australia and Great Lakes
 Parks and protected areas
 Systems approaches to environmental planning and management
- Margaret Walton-Roberts, PhD (British Columbia) mwaltonroberts@wlu.ca
 Canadian immigration
 Gender and migration
 Immigration and cultural change in the urban environment
 Indo-Canadian transnational networks
- Brent Wolfe, PhD (Waterloo) bwolfe@wlu.ca
 Isotope hydrology and paleohydrology, limnology and multi-proxy paleolimnology
 Past and present hydroecology in northern freshwater landscapes (Peace-
 Athabasca [AB] and Slave River deltas [NWT]; Old Crow Flats [YT]; Wapusk
 National Park [MB])

³ Canada Research Chair

Associate Professors:

- James Hamilton, PhD (McMaster) jhamilto@wlu.ca
 Climate change and biosphere reserves
 Hydrology and geomorphology of karst in northwestern Canada
 Niagara Escarpment hydrology
- Michael Imort, PhD (Queen's) mimort@wlu.ca
 Forestry and nationalism
 Role of the forest in German culture and in the creation of a national identity
 Symbolic landscapes
 Tourism and the commodification of heritage
- Christopher Lemieux, PhD (Waterloo)
 Dr. J. McMurry Research Chair in Environmental Geography
 Resource and Environmental Policy and Management
 Climate Change
 Institutional Analysis
 Sustainability
 Science-Policy Interface
- Steven Roberts, PhD (Waterloo) sroberts@wlu.ca
 Applied graph theory and oriented matroids
 Combinatorial optimization
 Genetic algorithms
 Landscape ecology
 Parallel computing
 Spatial data models and data structures
- Colin Robertson, PhD (Victoria) crobertson@wlu.ca
 GIS
 Spatial analysis
- Jason Venkiteswaran, PhD (Waterloo) jvenkiteswaran@wlu.ca
 Biogeochemical cycling of nutrients and related elements, and human-
 and climate-related disruptions of these cycles
 Fate of biogeochemical elements via stable isotope measurements and
 process-based ecological models
 Whole-ecosystem research on reservoir creation, ecosystem metabolism,
 and eutrophication

Assistant Professors:

- Homa Kheyrollah Pour⁴, PhD (Waterloo) hpour@wlu.ca
 Canada Research Chair in Remote Sensing of Environmental Change
 Remote sensing of Environmental Change
 Remote sensing methods and mathematical modelling on lake ice and
 freshwater lakes
 Climate change
 Data assimilation using satellite observations
 Lake-atmosphere interactions
 Lake/land temperature monitoring

⁴ Canada Research Chair

Ice thickness estimation using optical sensors
Data quality and evaluation/validation
Land monitoring using SAR imagery
Permafrost monitoring
Clouds microphysics and ice content monitoring using remote sensing
Miguel Sioui, PhD (Carleton) msioui@wlu.ca
Indigenous Knowledges (IK's) in America
Environmental Management
Environmental Ethics

Faculty – Brantford Campus

Associate Professors:

Brenda Murphy, PhD (Guelph) bmurphy@wlu.ca
Community-level rural risk resiliency and technological/natural hazards
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Emergency management and social capital
Maple syrup ecosystems

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 Faculty website: <https://euc.yorku.ca/>

Faculty Offers

Certificate in Geomatics: Geographic Information Systems and Remote Sensing.
 BA, BSc, BES in: Global Geography; Environmental Science; Cities, Regions, Planning;
 Environmental Arts and Justice; Sustainable Environmental Management.
 MA, MES, MES-Planning, MES/JD, MSc, PhD in: Geography; Environmental Studies;
 Environmental Studies (Planning).

Faculty¹

Professors Emeriti:

Frank A. Barrett, Jon Caulfield, Qiuming Cheng, William C. Found, Donald B. Freeman,
 James R. Gibson, Bryn Greer-Wootten, Conrad E. Heidenreich, Alan R. Hill, Martin C.
 Kellman, John U. Marshall, William C. Mahaney, Bryan H. Massam, H. Roy Merrens,
 Robert Murdie, John P. Radford, André Robert, John Warkentin, David Wood.

Professors Emeriti²:

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Airborne deposition on ponds on the Hudson Bay Lowlands (HBL)	
Changes in wind and wave energy on the Great Lakes	
Effects of snow drifting on shrub growth on HBL	
Methane ebullition from ponds on HBL	
Sensitivity of poikilohydric plants to climate change (HBL)	
Urban evaporation	
Lucia Lo, PhD (Toronto)	lucialo@yorku.ca
Intellectual migration and the global race for talent	
Ethnic/immigrant economy, entrepreneurship, and consumer behavior	
Chinese diaspora	
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Iron and phosphorus co-regulation of cyanobacterial abundance in freshwaters	
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The globalization of industry and sport	
Extractive peripheries	
Geographical construction of technology	

¹ Listing is for members appointed to the Graduate Program in Geography

² Actively recruiting/supervising graduate students

Diverse geographies of industry and of its globalization
 Performance of the economy
 Valerie Preston, PhD (McMaster) vpreston@yorku.ca
 Feminist geography
 Geographies of housing and labour markets
 International migration and Canadian cities
 Urban social geography
 Peter Vandergeest, PhD (Cornell) pvander@yorku.ca
 Agrarian change
 Alternative agriculture
 Environmental governance
 Fisheries and forestry
 Southeast Asia

Professors:

Alison Bain, PhD (Cambridge) abain@yorkku.ca
 Creative city theory and cultural planning
 Gender and sexual identity politics
 Geographies of artistic labour, creative practice, and cultural production
 Public space contestations and interventions
 Redevelopment and social inclusion in neighbourhoods, cities, and suburbs
 Urban social, urban cultural, and feminist geography
 Ranu Basu, PhD (Toronto) ranubasu@yorku.ca
 Space, power and the city
 Critical geographies of education
 Migrants and the city
 Cuba, Toronto, Kolkata
 Urban social and political geography
 Critical Geographic Information Systems (GIS)
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 Ecosystem approaches
 Environment and health
 Watershed management
 System Thinking
 Geographic information systems
 International development
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 Class theory
 Geographically uneven development
 Globalization/neoliberalism and rural/agrarian labour
 Political economy
 Social movements
 State-society relations
 Liette Gilbert, PhD (Los Angeles) gilbertl@yorku.ca
 Neoliberalization of migration
 Urban citizenship

Social and spatial justice	
Political economy of sub/urbanization	
Post-disaster urban redevelopment	
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Airborne geophysics	
Arctic climate change	
Electromagnetic induction sounding	
Ice engineering	
Ocean-ice-atmosphere interaction	
Satellite remote sensing	
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Human-environment relationships	
Animal geographies	
Gender and environment	
Urban geography	
Applied human geography	
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Photogrammetry	
Remote sensing of vegetation	
3-D measurement and modeling	
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Critical and feminist geopolitics	
Geographies of forced migration/immigration	
Humanitarian aid in response to conflict/asylum/disasters	
Refugee (re)settlement	
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Global suburbanisms	
Infectious disease and cities	
Urban infrastructures	
Urban governance	
Urban political ecology	
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Economic and labour geography	
Immigration and labour in Canada	
Migration and transnationalism	
Socio-economic change in the Philippines and Southeast Asia	
Youth and social mobility	
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Condominium development and high-rise living	
Global suburbanism	
Image production in cities	
Political economy of the built environment	
Built environment, ethnicity and immigration to urban areas	
Theory and history of planning, urban design and architecture	
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³ Dean, Faculty of Environmental & Urban Change

African immigrant religion and cultural identity
 Critical development theory
 Geographies of development and health
 Neoliberalism and globalization in Africa
 Religious transnationalism

Linda Peake, PhD (Reading) lpeake@yorku.ca

Caribbean geography, especially Guyana
 Critical methodologies, especially transnational feminist praxis
 Feminist, social, and urban geography
 Mental health and the academy

Anders Sandberg, PhD (McGill) sandberg@yorku.ca

Climate/environmental justice
 Forest, environmental and conservation history
 Gentrification of conservation
 Pedagogies of space and place
 Politics of science and planning
 Political economies and ecologies of natural resources
 Sustainability and social democracy

Jamie Scott, PhD (Chicago) jscott@yorku.ca

Geography and postcolonial literature
 Literary tourism and industrial heritage
 Geography and world religions
 Pilgrimage and religious tourism

Patricia Wood⁴, PhD (Duke) pwood@yorku.ca

Citizenship, activism and protest
 Indigenous title and property rights
 Urban and regional governance in Canadian cities
 Diversity and politics of identity in Ireland
 Mobility justice

Kathy L. Young, PhD (McMaster) klyoung@yorku.ca

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 Arctic snow hydrology
 Hydrology of extreme environments

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 Technoscientific capitalism
 Assetization and rentiership
 Political economy of innovation
 Digital economies, personal data, and AI
 Bioeconomies

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⁴ Graduate Program Director

- Legal geographies
 Neoliberal urbanization
 Politics of urban subcultures
 The right to the city
 Urban political economy
 Urbanization in South Korea
 William Jenkins, PhD (Toronto) wjenkins@yorku.ca
 North American immigration history
 Irish Studies
 Historical geography
 Nationalism studies
 Diasporas and transnationalism
 Stefan Kipfer, PhD (York) kipfer@yorku.ca
 Comparative urban-regional politics and planning
 Marxist and counter-colonial traditions
 Populism and fascism
 Public housing: gentrification, privatization and redevelopment
 Suburbanization, territorial relations and regional planning
 The works of Henri Lefebvre, Antonio Gramsci and Frantz Fanon
 Theories of society, politics and the city
 Jennifer Korosi, PhD (Queen's) jkorosi@yorku.ca
 Limnology
 Paleolimnology
 Arctic/subarctic environmental change
 Biogeography
 Environmental contaminants
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 Biogeography
 Climate change
 Community
 Desert system restoration and management
 Invasion biology
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 Political ecology
 Political theology
 Latin American & Caribbean Studies
 Religion
 Revolution
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 Indigenous Environmental Justice
 Indigenous Governance; Sustainability
 Water Governance
 Indigenous Intellectual Traditions
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⁵ Canada Research Chair in Indigenous Environmental Justice

Critical ethnic and racial studies	
Emotional landscapes	
Gateway cities and community politics	
International education	
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Geographic information systems	
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Limnology	
Paleoecology	
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Accuracy assessment and spatial uncertainty	
Boreal forest disturbance mapping	
Satellite and UVA remote sensing	
Scale and vegetated landscape analysis	
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Labour and environment	
Labour unions and the city	
Labour market adjustment	
Workers and populism	
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Suburban decline and renewal	
Urban infrastructure	
Urban planning and development processes	
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(Post) coloniality	
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Assistant Professors:

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Political ecology	
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Vietnam and Southeast Asian Development	
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Critical Research Methodologies	
Indigenous Food & Land Sovereignty	
Political Ecology and Food Justice	

Climate Change	
Settler Colonial Studies	
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Quaternary environments	
Landscape disturbance	
Permafrost thaw	
Aquatic ecosystems	
Arctic coasts	
Black Studies	
Diaspora & Transnational Migration Studies	
Gender & Sexuality Studies	
Environmental Justice	

Appendix 1 / Annexe 1

THE CANADIAN ASSOCIATION OF GEOGRAPHERS CONSTITUTION

Article I - Name

This association shall be known as the Canadian Association of Geographers/
L'Association canadienne des géographes.

Article II - Objectives

1. The objectives of the Association are to encourage geographical study and research particularly in relation to the Canadian environment. The Association shall provide for the dissemination to the public of the results of research supported by the Association.
2. The Association is an educational organization, the activities of which shall be conducted without purpose of gain for its members. Any profits or other gains to the Association shall be used in promoting its objectives.

Article III - Languages

English and French shall be the official languages of the Association.

Article IV - Membership

1. Membership in the Association is open to all who share its objectives.
2. Persons, institutions or corporations making a substantial contribution towards the objectives of the Association may be designated as Benefactors by the Executive Committee.
3. Membership categories shall be determined and dues fixed by the Executive Committee.
4. A member in good standing is defined as a member who has paid the membership dues of the current year.

Article V – Officers (Article V amended 2000)

The officers of the Association shall consist of a president, serving a two-year term; a vice-president or a past-president, each term consisting of one year; a secretary-treasurer elected for a period of three years; four national councillors elected at large for a period of three years; one student councillor elected at large for a period of two years; and one regional delegate from each of the Western Division, the Prairie Division, the Ontario Division, Quebec and the Atlantic Division, to be elected or designated for a three-year non-renewable term by the regional division or co-opted by the Executive Committee. The vice-president shall be elected biannually, will normally succeed to the office of the president in the year following the election, and will serve as past-president in the year following the two-year presidential term. During the year in which there is a vice-president there will not be a past-president; conversely, during the year that there is a past-president there will not be a vice-president. The national councillors shall be

elected on the basis of two vacancies per year in two years out of every three. The president, vice-president and councillors shall not be eligible for immediate re-election to the same office.

Article VI - Executive Duties

The officers of the Association shall comprise the Executive Committee. The Executive Committee is empowered to:

1. transact the business of the Association;
2. appoint and delegate responsibilities to standing and special committees;
3. appoint the editors of the publications of the Association;
4. appoint and designate the duties of the executive secretary and any other appointed posts required to carry out the business of the Association;
5. assign responsibilities to members of the Executive Committee;
6. determine the time and place of the annual meeting;
7. fix the remuneration (including salary and benefits) of the executive secretary, editors and any other remunerated positions;
8. appoint, as required, through executive appointment or through election, representatives to act on behalf of the Association to other associations or events;
9. six shall be a quorum at Executive Committee meetings.

Article VII - Accountability of the Executive

1. The president may convene a meeting of the Executive at any time and shall convene a meeting of the Executive Committee on request in writing of no less than five of the officers of the Association.
2. An officer or committee chair who is unable to fulfill the duties of the office for a period of a year shall resign.
3. The accounts of the Association shall be audited each year by a qualified accounting firm.
4. The Executive shall report on the business of the Association at each annual general meeting.

Article VIII - Elections

1. Only members of the Association may hold office in the Association and vote in elections.
2. A nominating committee will be elected at the Annual General Meeting. It will be composed of five members: the Vice-President or Past President as chair, the previous Past President, two members elected at the Annual General Meeting, and one member of the Executive Committee to ensure equitable representation.
3. A call for nominations to those positions on the CAG Executive Committee, which will become vacant during the coming year, will be circulated to the membership. Nominations must be supported by two members of the Association, and the nominee must have indicated in writing her/his acceptance of the nomination.
4. The nominating committee will prepare a slate of candidates with the names of candidates nominated by the membership as well as its own nominations.
5. The Secretary-Treasurer shall conduct the election by mail prior to the annual business meeting.

Article IX - Constitutional Change

1. Any member in good standing may propose a change in the Constitution providing the signatures of five other members in good standing have been secured.
2. The secretary-treasurer will circulate the proposed change to the membership by mail.
3. Ratification of the change requires the approval of two-thirds of the members who return the ballot within the specified time.

Article X - Annual General Meeting

1. A general business meeting shall be held each year at a place and time designated by the Executive Committee.
2. All members shall be given two months notice of the date and place of the Annual General Meeting.
3. The agenda of the Annual General Meeting will be circulated in advance to all members and specific reference will be made to proposed constitutional changes, increases in membership dues, and proposals to undertake major new commitments.
4. All business at the meeting shall be settled by a simple majority of all members in good standing, present and voting.
5. A quorum of the Annual General Meeting shall be 25 members in good standing.

Article XI - Regional Divisions

1. Any group of members in any region may set up a regional division of the Association upon ratification of the proposed constitution by the Executive Committee.

Article XII - Study Groups

1. The Executive may endorse the formation of a study group on evidence of the support of at least 15 members of the Association in good standing.
2. Study groups will have an elected chair and other officers as they may deem appropriate.
3. Study groups will submit a report annually to the Executive as evidence of their continued activity.
4. Study groups may hold special sessions at the annual general meeting, and may provide material to CAG publications.

Article XIII - Awards

1. The Executive may constitute awards to further the interests of the Association and of Geography.
2. An awards committee shall be appointed annually by the Executive to select appropriate nominees for CAG and other awards to be submitted to the Executive for final approval.

L'ASSOCIATION CANADIENNE DES GÉOGRAPHES

CONSTITUTION

Article I - Nom

Le nom officiel de l'association est l'Association canadienne des géographes / The Canadian Association of Geographers.

Article II - Objectifs

1. L'Association a pour objet de favoriser les études et les recherches en géographie, notamment celles qui se rapportent au milieu canadien. Elle s'engage également à diffuser les résultats des recherches qu'elle a entreprises.
2. L'Association a une vocation éducative; ses membres ne tirent aucun profit des activités qui sont menées en son sein. Tout bénéfice ou autre profit est utilisé dans le but de promouvoir ses objectifs.

Article III - Langues

Le français et l'anglais sont les langues officielles de l'Association.

Article IV - Membres

1. L'Association accepte comme membre toute personne qui partage ses objectifs.
2. L'Association, par l'intermédiaire de son Comité directeur, décerne le titre de bienfaiteur à toute personne, institution publique ou privée qui apporte une contribution généreuse à la poursuite de ses objectifs.
3. Le Comité directeur se charge de déterminer les catégories de membres et de fixer les cotisations.
4. Est membre de plein droit toute personne qui a payé sa cotisation annuelle.

Article V - Membres du Comité directeur (Article V amendée 2000)

Le Comité directeur de l'Association comprend: une présidente ou un président, élu pour deux ans; un-e vice-président-e ou un-e président-e sortant-e, qui remplit dans chaque cas un mandat d'un an; une secrétaire-trésorière ou un secrétaire-trésorier élu pour trois ans; quatre conseillers nationaux qui sont élus par tous les membres de l'Association pour un mandat de trois ans; un conseiller étudiant élu par l'ensemble des membres pour un mandat de deux ans; un-e délégué-e régional-e de chacune des divisions ou régions suivantes: division de l'Ouest, division des Prairies, division de l'Ontario, le Québec et la division des Provinces atlantiques; ces déléguées et délégués sont élus ou désignés pour un mandat non renouvelable de trois ans par leur division régionale ou sont cooptés par le Comité directeur. L'élection à la vice-présidence a lieu tous les deux ans; la vice-présidente ou le vice-président remplace normalement la présidente ou le président l'année suivant l'élection et fait office de président-e sortant-e l'année qui suit son mandat de deux ans à la présidence. Il n'y a pas de président-e sortant-e pendant le mandat de la vice-présidente ou du vice-président; inversement, il n'y a pas de vice-président-e pendant le mandat de la présidente sortante ou du président sortant. Deux conseillers nationaux sont élus afin de remplir les deux postes

vacants, deux années sur trois. La présidente ou le président, la vice-présidente ou le vice-président, et les conseillères et conseillers, ne peuvent remplir deux mandats consécutifs.

Article VI - Fonctions du Comité directeur

Les personnes qui siègent au Comité directeur de l'Association ont le pouvoir de:

1. gérer les affaires de l'Association;
2. former des comités permanents et comités spéciaux et de leur confier des responsabilités;
3. nommer les rédacteurs ou rédactrices en chef des publications de l'Association;
4. nommer la secrétaire exécutive ou le secrétaire exécutif et de définir ses fonctions; de créer tout autre poste nécessaire au bon déroulement des activités de l'Association;
5. confier des responsabilités aux membres du Comité directeur;
6. fixer la date et l'endroit de l'assemblée générale annuelle;
7. fixer la rémunération (salaire et avantages sociaux) qui sera versée à la secrétaire exécutive ou au secrétaire exécutif, aux rédactrices ou rédacteurs en chef et à toute autre personne nommée à un poste rémunéré;
8. nommer, au besoin, des personnes chargées de représenter l'Association à certaines manifestations ou auprès d'autres associations; ces personnes peuvent être désignées par le Comité directeur ou élues.
9. Pour les réunions du Comité directeur, le quorum est atteint en présence de six membres.

Article VII - Responsabilités du Comité directeur

1. Le président ou la présidente a le pouvoir de convoquer une réunion du Comité directeur à tout moment; il est par ailleurs tenu de convoquer le Comité directeur si cinq représentantes ou représentants officiels de l'Association en ont fait la demande par écrit.
2. Tout membre du Comité directeur ou toute personne qui préside un comité et qui se trouve dans l'incapacité de remplir son mandat durant un an doit démissionner.
3. Une firme de comptables agréés doit vérifier chaque année les états financiers de l'Association.
4. Le Comité directeur rend compte des travaux de l'Association à l'occasion de chaque assemblée générale annuelle.

Article VIII - Élections

1. Seuls les membres de l'Association peuvent exercer une charge au sein de l'Association et voter dans le cadre d'une élection.
2. Un comité des candidatures est élu à l'assemblée générale annuelle. Le comité compte cinq membres : le vice-président ou le président sortant, à titre de président, le président sortant précédent, deux membres élus lors de l'assemblée générale annuelle et un membre du comité exécutif, afin d'assurer une représentation équitable.
3. Un appel de candidatures relatif aux postes au sein du comité exécutif de l'ACG qui deviendront vacants au cours du prochain exercice est diffusé aux membres. Les

candidatures doivent être appuyées par deux membres de l'Association; de plus, les candidats doivent avoir signifié par écrit leur acceptation de leur candidature.

4. Le comité des candidatures dresse la liste des candidats, y compris ceux proposés par les membres et ceux proposés par le comité.
5. Le secrétaire-trésorier tient l'élection par la poste avant la réunion administrative annuelle.

Article IX - Amendements à la Constitution

1. Tout membre de plein droit peut proposer un amendement à la Constitution sous réserve que sa proposition soit appuyée par écrit par cinq membres de plein droit.
2. La secrétaire-trésorière ou le secrétaire-trésorier porte l'amendement proposé à la connaissance des membres par courrier.
3. L'amendement est adopté s'il est approuvé par les deux tiers des membres qui auront fait parvenir leur bulletin dans les délais prescrits.

Article X - Assemblée générale annuelle

1. L'Association tient une assemblée générale chaque année, à la date et à l'endroit fixés par le Comité directeur.
2. La date et le lieu de l'assemblée générale annuelle doivent être annoncés aux membres avec un préavis de deux mois.
3. L'ordre du jour de l'assemblée générale est distribué à tous les membres avant la tenue de cette dernière; les membres doivent être tenus au courant des propositions d'amendement, de l'augmentation des cotisations et des propositions portant sur de nouveaux projets.
4. Le vote à la majorité absolue des membres de plein droit qui sont présents à l'Assemblée décide des questions soumises à cette dernière.
5. Le quorum est atteint en présence de 25 membres de plein droit.

Article XI - Sections régionales

1. Des membres peuvent fonder une section régionale et en faire reconnaître la constitution par le Comité directeur.

Article XII - Groupes d'étude

1. Le Comité directeur accepte la formation d'un groupe d'étude si celui-ci est appuyé par au moins 15 membres de plein droit de l'Association.
2. Les groupes d'étude ont à leur tête une présidente ou un président élu et d'autres responsables, le cas échéant.
3. Les groupes d'étude soumettent un compte rendu annuel de leurs activités au Comité directeur.
4. Les groupes d'étude peuvent organiser des séances spéciales lors de l'assemblée générale annuelle et publier des articles dans les publications de l'ACG.

Article XIII - Prix

1. Le Comité directeur peut instituer des prix pour promouvoir les buts de l'Association et la géographie en général.

2. Les membres du Comité des prix sont nommés chaque année par le Comité directeur. Le Comité a pour mission de designer des candidates et candidats dont les noms sont ensuite soumis au Comité directeur pour approbation.

Appendix 2 / Annexe 2

CAG Annual General Meetings / Assemblée générale annuelle de l'ACG

1951	McGill University	1990	University of Alberta
1952	Université Laval	1991	Queen's University
1953	University of Western Ontario	1992	University of British Columbia
1954	University of Manitoba	1993	Carleton University
1955	University of Toronto	1994	Wilfrid Laurier University
1956	Université de Montréal	1995	Université de Québec à Montréal
1957	University of Ottawa	1996	University of Saskatchewan
1958	University of Alberta	1997	Memorial University of Newfoundland
1959	University of Saskatchewan	1998	Université d'Ottawa
1960	Queen's University	1999	University of Lethbridge
1961	McGill University	2000	Brock University
1962	McMaster University	2001	McGill University, Concordia University, and Université de Montréal
1963	Université Laval	2002	Ryerson University, University of Toronto, and York University
1964	University of Western Ontario	2003	University of Victoria
1965	University of British Columbia	2004	Université de Moncton and Mount Allison University
1966	University of Sherbrooke	2005	University of Western Ontario
1967	Carleton University	2006	Lakehead University
1968	University of Calgary	2007	University of Saskatchewan
1969	Memorial University of Newfoundland	2008	Université Laval
1970	University of Manitoba	2009	Carleton University
1971	University of Waterloo	2010	University of Regina
1972	Université de Montréal (IGC)	2011	University of Calgary
1973	Lakehead University	2012	University of Waterloo and Wilfrid Laurier University
1974	University of Toronto	2013	Memorial University
1975	Simon Fraser University	2014	Brock University
1976	Université Laval	2015	Simon Fraser University
1977	University of Regina	2016	Saint Mary's University and Dalhousie University
1978	University of Western Ontario	2017	York University
1979	University of Victoria	2018	Université Laval
1980	Université de Québec à Montréal	2019	University of Winnipeg
1981	Grenfell College	2020	Virtual / virtuelle
1982	University of Ottawa	2021	University of Northern British Columbia (Virtual / virtuelle)
1983	University of Winnipeg	2022	Toronto Metropolitan University (Virtual / virtuelle)
1984	Malaspina College		
1985	Université de Québec à Trois-Rivières		
1986	University of Calgary		
1987	McMaster University		
1988	St. Mary's University		
1989	Université de Québec à Chicoutimi		

Appendix 3 / Annexe 3

Presidents of The Canadian Association of Geographers / Présidents de l'Association canadienne des géographes

1951	Donald F. Putnam,* University of Toronto	1979	Denis A. St-Onge, Université d'Ottawa
1952	Pierre Dagenais,* Université de Montréal	1980	Marie E. Sanderson*, University of Windsor
1953	J. Ross Mackay, University of British Columbia	1981	J. Keith Fraser, Environment Canada
1954	Benoit Brouillette,* Ecole H.E.C.	1982	Derek C. Ford, McMaster University
1955	J. Lewis Robinson,* University of British Columbia	1983	Paul-Yves Denis, Université Laval
1956	Pierre Camu, Université Laval	1984	Brenton Barr, University of Calgary
1957	Trevor Lloyd,* McGill University	1985	R. Colebrook Harris, University of British Columbia
1958	J. Brian Bird,* McGill University	1986	Leslie J. King, McMaster University
1959	Donald Kerr,* University of Toronto	1987	Roger F. Tomlinson,* Tomlinson & Associates
1960	Edward G. Pleva, University of Western Ontario	1988	Edward W. Manning, Environment Canada
1961	William C. Wonders*, University of Alberta	1989	Terence G. McGee, University of British Columbia
1962	Lloyd G. Reeds,* McMaster University	1990	Paul Y. Villeneuve*, Université Laval
1963	F. Kenneth Hare,* McGill University	1991	Olav Slaymaker, University of British Columbia
1964	Fernand Grenier, Université Laval	1992	Michael J. Troughton,* University of Western Ontario
1965	John B. Chapman, University of British Columbia	1993	Larry S. Bourne, University of Toronto
1966	Thomas R. Weir,* University of Manitoba	1994	Anne V. T. Whyte, CDRC
1967	Jacob Spelt, University of Toronto	1995	John C. Everitt, Brandon University
1968	Ludger Beauregard, Université de Montréal	1996	Bryan Massam, York University
1969	J. Howard Richards, University of Saskatchewan	1998	Iain Wallace, Carleton University
1970	Richard I. Ruggles,* Queen's University	2000	Audrey Kobayashi, Queen's University
1971	Louis-Edmond Hamelin*, Université Laval	2002	André G. Roy, Université de Montréal
1972	Robert W. Packer,* University of Western Ontario	2004	Chris Sharpe, Memorial University of Newfoundland
1973	Peter J. Smith, University of Alberta	2006	Alison Gill, Simon Fraser University
1974	Louis Trotier, Université Laval	2008	Dan J. Smith, University of Victoria
1975	J. Gordon Nelson, University of Western Ontario	2010	Anne Godlewska, Queen's University
1976	Alex T. Davidson, Environment Canada	2012	Jean Andrey, University of Waterloo
1977	Charles N. Forward*, University of Victoria	2014	Theresa Garvin, University of Alberta
1978	Ralph R. Krueger,* University of Waterloo	2016	Dan Shrubsole, Western University
		2018	Sanjay Nepal, University of Waterloo
		2020	Neil Hanlon, University of Northern British Columbia
		2022	Nathalie Gravel, Université Laval

* Deceased

Appendix 4 / Annexe 4

CAG Award Winners / Gagnant(e)s des Prix de l'ACG

Award for Scholarly Distinction in Geography

The purpose of the award is to recognize a *member of the CAG* for outstanding scholarly work in geography either in the form of sustained contributions over a number of years or as a single major research contribution. The names of recipients in previous years are given below:

Le Prix pour distinction universitaire en géographie

Ce prix vise à souligner le travail exceptionnel accompli en géographie par *un membre de l'ACG* au titre de contributions soutenues pendant plusieurs années ou d'une contribution unique, mais importante. Les noms des anciens lauréats sont indiqués ci-dessous:

1972	J. Ross Mackay	1998	Wayne Robert Rouse
1973	Louis-Edmond Hamelin		Paul Villeneuve
1974	Andrew H. Clark	1999	Roger Hayter
1975	John H. Warkentin	2000	Terence G. McGee
1976	no award/non attribué	2001	Philip Howarth
1977	Leslie Curry	2002	Trevor John Barnes
1978	Derek C. Ford		John Herbert Galloway
1979	F. Kenneth Hare	2003	John N. H. Britton
1980	R. Cole Harris		Glen B. Norcliffe
1981	W. R. Derrick Sewell	2004	Edward Relph
1982	Maurice H. Yeates	2005	Brian Luckman
1983	J. Gordon Nelson	2006	Geraldine Pratt
1984	Leslie J. King	2007	Barry Boots
1985	Larry S. Bourne		Meric S. Gertler
1986	Timothy R. Oke	2008	André G. Roy
1987	No Award	2009	Graeme Wynn
1988	David F. Ley	2010	Barry Smit
1989	James R. Gibson	2011	Geoffrey Wall
1990	Paul-Yves Denis	2012	Robin Davidson-Arnott
	Michael Goodchild	2013	Richard Harris
1991	Kenneth Hewitt	2014	George Lovell
1992	James Simmons	2015	Olav Slaymaker
	Ming-Ko ("Hok") Woo	2016	Philip Dearden
1993	no award/non attribué	2017	Jing Chen
1994	Jean-Claude Dionne	2018	Daniel Scott
	Bruce Mitchell	2019	Maureen Reed
1995	Hugh French	2020	Linda Peake
	R. Louis Gentilcore (posthumous)	2021	Susan Elliott
1996	Pierre Richard	2022	Jason Gilliland
1997	James T. Lemon		

Award for Service to the Profession of Geography

This award is intended to recognize a *member of the CAG* for exceptional professional service over a period of years - for example, in the university training of geographers, in administration or similar activities in the public service, as an officer of a learned society, or in such other ways as have significantly advanced the profession and practice of geography in Canada. The names of recipients in previous years are given below:

Le Prix pour services rendus à la profession de géographie

Ce prix est décerné en reconnaissance de plusieurs années de services professionnels exceptionnels à un *membre de l'ACG* chargé de la formation universitaire des géographes, au titulaire d'un poste de nature administrative ou autre dans la fonction publique, à un cadre de société savante ou à quiconque a grandement contribué à l'avancement et à l'exercice de la profession de géographe au Canada. Les noms des anciens lauréats sont indiqués ci-dessous:

1972	Donald F. Putnam	1995	Olav Slaymaker
1973	Edward J. Pleva	1996	John Parry
1974	Benoit Brouillette	1997	S. Brian McCann
1975	J. Keith Fraser	1998	no award/non attribué
1976	Pierre Dagenais	1999	Mark W. Rosenberg
	J. Lewis Robinson	2000	Denis St-Onge
1977	Trevor Lloyd	2001	Margaret North
1978	J. Wreford Watson	2002	Bryan H. Massam
1979	Thomas R. Weir	2003	Jean-Marie Dubois
1980	Lloyd G. Reeds	2004	Audrey Kobayashi
1981	J. Howard Richards	2005	Peter G. Johnson
1982	Richard I. Ruggles	2006	Philip J. Howarth
	William C. Wonders	2007	John C. Everitt
1983	Ralph R. Krueger	2008	Len Evenden
1984	Peter J. Smith	2009	no award/non attribué
1985	William J. Dean	2010	Bob Sharpe
	Norman L. Nicholson	2011	Iain Wallace
1986	J. Brian Bird	2012	Hugh Millward
1987	Marie E. Sanderson	2013	Evelyn Peters
1988	Geoffrey J. Matthews	2014	Bernard Thraves
	Robert W. Packer	2015	Dan J. Smith
1989	Ludger Beauregard	2016	Valerie Preston
1990	Jacob Spelt	2017	Marilyne Jollineau
1991	Helen Rowland	2018	no award/non attribué
	Roger Tomlison	2019	Wayne Forsythe
1992	Donald Kerr	2020	Dan Shrubsole
1993	Fernand Grenier	2021	no award/non attribué
1994	Leszek Kosinski	2022	no award/non attribué

Award for Excellence in Teaching Geography

In recognition of the primary importance of teaching excellence in geographic education, the Canadian Association of Geographers (CAG) offers this award to a *member of the CAG* who teaches in a recognized university, college, CEGEP or high school. At a minimum, a nominee must be the member of the teaching staff, full or part-time, hired to teach a course in any one year, who has primary responsibility for organizing and presenting course material.

Normally, a nominee would be a member of the teaching staff, who has distinguished herself or himself in courses with small and large enrolments, at different levels of instruction, over several years of teaching in the nominating institution. Established in 1997, the name of the recipient is given below:

Le Prix d'excellence pour l'enseignement en géographie

Pour reconnaître l'importance primordiale de l'excellence des professeurs de géographie, l'Association canadienne des géographes (ACG) décerne ce prix à *un membre de l'ACG* qui enseigne dans une université, un collège, un cégep ou une écoles secondaire reconnu.

Le candidat doit être au moins professeur à temps plein ou à temps partiel, chargé d'enseigner un cours d'une année et être le premier responsable de l'organisation et de la présentation de la matière en classe cours. Normalement, le candidat est un professeur qui s'est illustré dans des cours suivis par un effectif restreint ou nombreux, à différents niveaux du curriculum universitaire, depuis plusieurs années dans l'établissement qui propose sa candidature.

1997	Stuart W. Semple	2010	Jody Decker
1998	Neil Field		William Gough
1999	André Roy	2011	Kathi Wilson
2000	Lorne Bennett	2012	Michael J. Fox
	Jean Andrey	2013	Catherine Nolin
2001	Robert Rogerson	2014	Robert Milne
2002	no award/non attribué	2015	Don Boyes
2003	Ben Moffat	2016	Ian O'Connell
	James E. Randall	2017	Jeff Hopkins
2004	Geoff McBoyle	2018	Alana Boland
2005	Fes de Scally	2019	Shivanand Balram
2006	Brent Hall	2020	CindyAnn Rose-Redwood
2007	Michael F. Fox	2021	Nicole Laliberté
2008	Susan E. Wurtele	2022	Lynn Moorman
2009	Norman R. Catto		

Award for Geography in the Service of Government or Business

In recognition of the primary importance of excellence in geography in the service of government or business, the Canadian Association of Geographers (CAG) offers this award to someone who has carried out major work for or in the public or private sector.

Normally a nominee would have distinguished himself or herself through the development or application of geographic techniques or tools used in the service of government or business or has a record of achievement for geography in the service of government or business over a long period of time. Established in 1997, the name of the recipient is given below:

Le Prix de géographie au service du gouvernement ou des affaires

Pour reconnaître l'importance primordiale de l'excellence de la géographie au service du gouvernement ou du monde des affaires, l'Association canadienne des géographes (ACG) décerne ce prix à quelqu'un qui a réalisé d'importants projets pour le secteur public ou privé.

Le candidat doit s'être illustré par la mise au point ou l'application de techniques ou d'instruments géographiques utilisés au service du gouvernement ou du monde des affaires ou avoir plusieurs réalisations en géographie au service du gouvernement ou du monde des affaires à son palmarès.

1997	Ken G. Jones	2015	Peter G. Bush
1998	no award/non attribué	2016	no award/non attribué
1999	Alistair McVey	2017	David Phillips
2000	Anthony Lea	2018	no award/non attribué
2001	Frank Quinn	2019	no award/non attribué
2002	no award/non attribué	2020	no award/non attribué
2003	Charles Hostovsky	2021	no award/non attribué
2004	Barry Wellar	2022	no award/non attribué
2005	Robert Pampalon		
2006	no award/non attribué		
2007	Quentin Chiotti		
2008	no award/non attribué		
2009	Terry Prowse		
2010	Joan Marsha Schwartz		
2011	Donald Forbes		
2012	Donna Williams		
2013	Daniel Hiebert		
2014	Stephen Woodley		

President's Award for Outstanding Service to the Canadian Association of Geographers

The President's Award for Outstanding Service is made with the support of the CAG President to honour an outstanding contribution to the mission of the Canadian Association of Geographers. It recognizes exceptional service to the association, its members, and affiliates by a member of the association. Recipients of the award have gone well beyond their assigned responsibilities and have demonstrated an unusual commitment to the association. The award is intended to acknowledge and publicly celebrate these outstanding contributions, all the while acknowledging that the integrity and dedication the recipients have brought to the association is simply beyond measure.

Prix du président pour services exceptionnels rendus à l'Association canadienne des géographes

Le Prix du président pour services exceptionnels est décerné avec l'appui du président de l'ACG pour souligner une contribution exceptionnelle à la mission de l'Association canadienne des géographes. Elle reconnaît les services exceptionnels rendus à l'association, à ses membres et à ses affiliés par un membre de l'association. Les récipiendaires du prix sont allés bien au-delà des responsabilités qui leur ont été assignées et ont démontré un engagement inhabituel envers l'association. Le prix vise à reconnaître et à célébrer publiquement ces contributions exceptionnelles, tout en reconnaissant que l'intégrité et le dévouement des récipiendaires envers l'association sont tout simplement sans mesure.

- 2011 Mary-Louise Byrne
Ilan MacLachlan
Dan Smith
- 2016 Jean Andrey
- 2017 K. Wayne Forsythe
- 2018 Lynn Moorman
Beth Dye
Matthew Hatvany
Marie-Pierre Guy-Dorion
Maxwell Bouchard
- 2020 Alison Gill

Appendix 5 / Annexe 5

The Starkey-Robinson Award for Graduate Research on Canada / Le Prix d'excellence Starkey-Robinson de la recherche supérieure sur le Canada

The Starkey-Robinson Award gives recognition to high quality graduate research that furthers understanding of the geography of Canada. Eligibility for the award is based on the completion of a thesis or comparable work at the Masters or Doctoral level at a Canadian University within the preceding 2 years.

Le prix d'excellence de Starkey-Robinson est octroyé en reconnaissance de la qualité de la recherche d'un étudiant ou d'une étudiante de maîtrise ou de doctorat qui stimule la connaissance de la géographie du Canada. L'admissibilité au concours pour ce prix suppose que le ou la candidat(e) ait terminé son mémoire ou sa thèse à l'intérieur des deux années précédentes.

- 1990 Irena Onrijchuk, Simon Fraser University
- 1991 Andrew Haden, University of Alberta
- 1992 Susan McFarlane, Queen's University
- 1993 Siri Bartelsen, University of British Columbia
- 1994 Ineke Dijks, Queen's University
- 1995 Charlotte McCallum, Carleton University
- 1996 Tony Isaak, University of Saskatchewan
- 1997-1999¹ No award/non attribué
- 2000 Phil Morris, University of Northern British Columbia
- 2001 Lilian Ford, University of British Columbia
- 2002 Michael Buzzelli, McMaster University
- 2003 Sarah de Leeuw, University of Northern British Columbia
- 2004 No award/non attribué
- 2005 Timothy F. Johnsen, Simon Fraser University
Carolyn Whitzman, McMaster University
- 2006 Mary Subedar, University of British Columbia
- 2007 Shannon Studen Bower, University of British Columbia
- 2008 Jesse Proudfoot, Simon Fraser University
- 2009 Emma Stewart, University of Calgary
- 2010 Andrey N. Petrov, University of Toronto
- 2011 Rosalind Franklin, Concordia University
- 2012 Julia Christenson, McGill University
- 2013 Nathaniel Lewis, Queen's University
Jared Peters, Simon Fraser University
- 2014 J P Catungal, University of Toronto
- 2015 Matt Dyce, University of British Columbia
- 2016 Katie Hemsworth, Queen's University
Andrew Perkins, Simon Fraser University

¹ Following a revision by the Executive of the terms of reference, the CAG relaunched this award in 2000.

2017 Brendan O'Neill, Carleton University
2018 Vincent Lecours, Memorial University
2019 Jonathan Luedee, University of British Columbia
Paul van der Werf, University of Western Ontario
2020 Jessica Hallenbeck, University of British Columbia
2021 Paul Nesbit, University of Calgary
2022 Miranda Monosky, Memorial University

Appendix 6 / Annexe 6

The Julian M. Szeicz Award for Early Career Achievement / Le prix Julian M. Szeicz pour réalisations en début de carrière

The Julian M. Szeicz Award honours the memory and achievement of Dr. Julian M. Szeicz (1965-1998).

The award is in recognition of a significant achievement by a Canadian geographer at an early career stage and is presented annually by the Canadian Association of Geographers. The purpose of the award is to foster the development of geographical studies in Canada and to provide recognition of recently established geographical practitioners. The award is given for a significant contribution to Canadian geography, which may be a synthesis or a regional study, a new concept, a significant research advance in a subfield of geography, or the development of a technique.

Le prix Julian M. Szeicz immortalise la mémoire et les réalisations de M. Julian M. Szeicz (1965-1998).

L'Association canadienne des géographes (ACG) décerne ce prix annuellement pour souligner une réalisation importante d'un géographe canadien qui en est à ses débuts. Le but de ce prix est de favoriser les études en géographie au Canada et de mettre en valeur le travail des nouveaux géographes. On accorde ce prix pour reconnaître l'importante contribution d'un candidat à la géographie du Canada dans le cadre d'un travail de synthèse ou d'une étude régionale, d'un nouveau concept, d'un avancement remarquable de la recherche dans un sous-domaine spécialisé de la géographie ou encore de la mise au point d'une technique.

2003 Allison M. Williams
2004 no award/non attribué
2005 Michael
2006 Philip Kelly
2007 no award/non attribué
2008 Isaac Luginaah
2009 Jason Gilliland
2010 Heather Castleden
2011 Jeffrey Masuda
2012 Rachel Bezner-Kerr

2013 Martin A. Andresen
2014 Matthew Schnurr
2015 Chantelle Richmond
2016 Simon Springer
2017 Jennifer Silver
2018 Jennifer Korosi
2019 Carissa Brown
2020 Gabriel Fauveaud
2021 Michelle Ruty
2022 Sarah Rotz

Appendix 7 / Annexe 7

The 2022 CAG Undergraduate Award Winners / Gagnant(e)s du Prix du premier cycle de l'ACG 2022

The Canadian Association of Geographers presents awards to the most outstanding students graduating in Geography honours/majors programmes at universities or colleges across Canada. / L'Association canadienne des géographes décerne chaque année un prix aux étudiant(e)s les plus éminents dans les programmes de spécialisation en géographie universités à travers le Canada.

University of Alberta	Sabine Roche
University of Alberta, Augustana	Jordan Vanden Berg
Bishop's University	no submission / aucune soumission
Brandon University	Matthew Paterson
University of British Columbia	no submission / aucune soumission
UBC - Okanagan Campus	no submission / aucune soumission
Brock University	Paige Fournier
University of Calgary	Bailey Knapp
Carleton University	Olivia Hobbs
Concordia University	Bryanna Pilkington
University of the Fraser Valley	Hayley Katan
University of Guelph	Abigeal Kim
Kwantlen Polytechnic University	Simran Gill
Lakehead University	Brianna Johnson
Université Laval	Sabrina Allard
University of Lethbridge	Samuel Gerrand
University of Manitoba	no submission / aucune soumission
McGill University	Isabel Strachan
McMaster University	Dana McAuley
Memorial University	no submission / aucune soumission
Université de Moncton	no submission / aucune soumission
Université de Montréal	no submission / aucune soumission
Mount Allison University	Catherine Priemer
Nipissing University	no submission / aucune soumission
University of Northern BC	Tyler Halverson
University of Ottawa	Pénélope Gervais
Université du Québec à Montréal	no submission / aucune soumission
Queen's University	Hailey Tasker
University of Regina	Daylan Wagner
Saint Mary's University	Élise Rogers
University of Saskatchewan	Aaron Coverett
Université de Sherbrooke	Camille Morin
Simon Fraser University	Nathan Zemp
Thompson Rivers University	Alexandra Bruvold
Toronto Metropolitan University	Sara Murdoch
University of Toronto-Mississauga	Tiffany Cao
University of Toronto-Scarborough	Lisa Mishima
University of Toronto-St George	Sulamith Smolymanitsky
Trent University	Genna Saunders
Trinity Western University	no submission / aucune soumission
Vancouver Island University	Morgan Johnston
University of Victoria	no submission / aucune soumission

University of Waterloo
Western University
Wilfrid Laurier University
University of Winnipeg
York University

Kate Dienstmann
Nathaniel Clark Frisbee
Ariana Mansingh
Jami Cameron
no submission / aucune soumission

Appendix 8 / Annexe 8

Study Groups / Groupes d'étude

These groups provide a forum for members to focus on their particular subject in geography and many also organize special paper sessions at the CAG annual meetings. For more information on these study groups and their mandate please contact them directly. You must be a member of the CAG in order to join the CAG study groups.

Les groupes d'étude de l'ACG offrent un forum de discussion et d'échange pour des membres qui s'intéressent à un sujet particulier de la géographie. Les groupes sont responsables de sessions spéciales lors des réunions annuelles de l'ACG. Pour plus d'information sur ces groupes d'étude et leur mandat contactez-les directement. Vous devez être un membre de l'ACG pour vous joindre aux groupes d'étude.

1. **Feminist Intersectional Solidarity Group /
Groupe de solidarité intersectionnelle féministe**
Chair / Présidente : Zoe Meletis, zoe.meletis@unbc.ca
2. **Environment and Resources Study Group /
Groupe d'étude sur l'environnement et les ressources**
Co-Chair / Co-président : Jonathan Luedee, jonathan.luedee@utoronto.ca
Co-Chair / Co-président : Liam Kennedy-Slaney, lak9@sfu.ca
3. **Tourism and Recreation Study Group /
Groupe d'étude en tourisme et loisirs**
Co-Chair / Co-président : Chris Fullerton, chris.fullerton@brocku.ca
4. **Economic Geography Study Group /
Groupe d'étude sur la géographie économique**
Chair / Président : Patrick Brouder, patrick.brouder@viu.ca
5. Marine Studies and Coastal Zone Management Study Group /
Groupe d'étude sur la gestion des zones maritimes et cotières
6. **Health and Health Care Study Group /
Groupe d'étude sur la santé et les soins de la santé**
Chair / Président : Vicent Kuuire, vincent.kuuire@utoronto.ca
Vice-Chair / Vice-présidente : Jenna Dixon, jenna.dixon@ubc.ca
7. **Indigenous Peoples Working Group /
Groupe de travail sur les peuples autochtones**
Co-Chair / Co-présidente : Dena Farsad, dfarsad@gmail.com
Co-Chair / Co-présidente : Tsatia Adzich, tsatia_adzich@sfu.ca
8. **Rural Geography Study Group /
Groupe d'étude en géographie rurale**

Chair / Président : Doug Ramsey, ramsey@brandonu.ca

9. **Canadian Geomorphology Research Group /
Groupe canadien de recherche en géomorphologie**
Chair / Présidente : Jan Franssen, jan.franssen@umontreal.ca
10. Public Policy Issues Study Group / *Dissolved / dissous 2017
Groupe d'étude sur les enjeux en politique publique
11. **Geographic Information Science (GIS) Study Group /
Groupe d'étude sur la science de l'information géographique (SIG)**
Chair / Présidente : Victoria Fast, victoria.fast@ucalgary.ca
12. **Geographies of Asia Study Group /
Groupe d'étude en géographies de l'Asie**
Chair / Président: Tom Waldichuk, twaldichuk@tru.ca
13. **Geographic Education Study Group /
Groupe d'étude sur l'éducation géographique**
Co-Chair / Co-présidente : Kelley McClinchey, kmcclinchey@wlu.ca
Co-Chair / Co-présidente : Chantal Déry, chantal.dery@uqo.ca
14. **Diversity, Migration, Ethnicity and Race Study Group /
Groupe de recherche sur la diversité, la migration, l'ethnicité et la race**
Co-Chair / Co-présidente : Sutama Ghosh, sutama@geography.ryerson.ca
Co-Chair / Co-président : Carlos Teixeira, carlos.teixeira@ubc.ca
15. **Historical Geography Study Group /
Groupe d'étude en géographie historique**
Chair / Président : Matt Dyce, m.dyce@uwinnipeg.ca
16. **The Urban Geography Study Group /
Groupe d'étude en géographie urbaine**
Chair / Président : Evan Cleave, evan.cleave@ryerson.ca