



The Canadian Association of Geographers Directory

2023

L'Annuaire de l'Association Canadienne des Géographes

PO Box 25039
Welland RPO Rose City,
ON L3B 6G9

www.cag-acg.ca
info@cag-acg.ca



Canadian Association of Geographers
Association Canadienne des Géographes



Canadian Association of Geographers

Association Canadienne des Géographes

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info@cag-acg.ca

PO Box 25039
Welland RPO Rose City, ON L3B 6G9

Executive Committee 2023 Comité exécutif

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Sinead Earley
Christopher Hewitt
Deondre Smiles
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Joseph Aversa (Ontario)
Christopher Malcolm (Prairie / Prairies)
Chantal Déry (Québec)
Craig Coburn (Western / Ouest)
Leena Lamontagne-Dupuis (Student / Étudiante)
Jesse Sutton (Student / Étudiant)

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

Executive Coordinator / Coordinateur exécutif
Philip Thibault

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

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

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Geography Department Program Enrolment

Academic Year 2022-2023

University	Undergraduate			Graduate	
	Honours	Majors	Minors	MA/MSc	PhD
Brandon University	0	11	35	8	0
Brock University	182	3	57	21	0
Carleton University	75	22	31	32 ⁽¹⁾	27
Concordia University	14	1070 ⁽²⁾	8 ⁽³⁾	116	44
McMaster University	—	—	—	38	51
Mount Allison University	10	78	—	3	—
Saint Mary's University	2	7	10	10	—
Simon Fraser University	—	438	73	22	33
Trent University	75.5	14	24	2	3
Trinity Western University	—	6 ⁽⁴⁾	4 ⁽⁵⁾	—	—
University of Alberta, Augustana	—	52	3	—	—
University of British Columbia (UBC)	23	553	212	44 ⁽⁶⁾	69
UBC, Okanagan	—	51	13	—	—
University of the Fraser Valley	3	104	36 ⁽⁷⁾	—	—
University of Lethbridge	—	105	—	18	15
UNBC	2	68	51	21	12
University of Regina	2	39	11	—	—
University of Saskatchewan	23 ⁽⁸⁾	114 ⁽⁸⁾	—	25 ⁽⁹⁾	16
University of Toronto, Mississauga	—	861	407	—	—
University of Toronto, St. George	66	306	477	122 ⁽¹⁰⁾	123 ⁽¹⁰⁾
University of Victoria	18	599	31	46 ⁽¹¹⁾	37
University of Waterloo	668	69	66	153 ⁽¹²⁾	77
University of Western Ontario	77	114	37	30	40
University of Winnipeg	1	144	50	18 ⁽¹³⁾	—
Wilfrid Laurier University	182 ⁽¹⁴⁾	3	16	40	23

Note: footnotes are on the following page iv.

Inscription aux départements de géographie

Année académique 2022-2023

Université	1 ^e cycle	en maj.	en min.	2 ^e cycle	3 ^e cycle	M	PhD
Université du Québec à Trois-Rivières (UQTR)	60	—	—	12	3	—	—

Footnotes for table on page iii

- (1) 9 MA, 23 MSc
- (2) Majors / Specializations / Minors combined
- (3) Diploma
- (4) 2 Geography, 4 Environmental Studies BA
- (5) 3 Geography, 1 Environmental Studies BA
- (6) 18 MA, 26 MSc
- (7) 19 Minors, 17 Certificates
- (8) This number includes students from the following Programs – Environmental Earth Studies, Environment and Society, Regional and Urban Planning
- (9) This number includes MA, MSc, and Graduate Certificate in Environmental Planning
- (10) Tri-campus: Includes 70 MSc Planning, 26 PhD Planning
- (11) 13 MA, 33 MSc
- (12) 126 MA/MSc, 27 Graduate Diploma (GDIP)
- (13) 6 MA, 12MSc
- (14) BA/BSc in Geography and Environmental Studies

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 Bardati ¹ , PhD (McGill)	dbardati@ubishops.ca
Sustainable agriculture and food systems	
Food and water security	
Adaptation to climate change	
Norman Jones, PhD (Waterloo)	njones@ubishops.ca
Climate change and the Quebec wine industry	
Flood hazards in southern Quebec	
Elisabeth Levac, PhD (Dalhousie)	elevac@ubishops.ca
Holocene	
Impact of air pollution on human health	
Paleoceanography, Paleoclimatology	
Pollen and allergies	
Matthew Peros ² , PhD (Ottawa)	mperos@ubishops.ca
Holocene environmental change in	
southern Quebec, eastern Canada, and the	
Caribbean Younger Dryas	
Paleoecology and dendroecology	

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

Rachel Herron², PhD (Queens)
Rural health
Aging
Dementia
Care and caregiving
Voluntarism
Gender and health

herronr@brandonu.ca

Associate Professors:

Derrek Eberts, PhD (York)
Canadian brewing industry
Tourism impacts
Downtown revitalization
Ethnic recreational landscapes

ebertsd@brandonu.ca

Alexander Koiter, PhD (UNBC)
Watershed science

koitera@brandonu.ca

¹ Member of the Department of Rural Development, ²Canada Research Chair, ³Chair of the Department

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 ³ , 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.glenng@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: geogtour@brocku.ca
Website: <https://brocku.ca/geotour>

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

<i>Professor Emeritus:</i>	<i>Email Address:</i>
Hugh J. Gayler, PhD (British Columbia) Niagara's emerging wine culture Planning issues on the rural-urban fringe Smart growth Urbanisation and agricultural land preservation	hjgayler@brocku.ca
Catherine Jean Nash, PhD (Queen's) Feminist geography Gender and sexuality LGBTQ+ issues Queer theory Social and cultural geography	catherine.nash@brocku.ca
Anthony B. Shaw, PhD (Western) 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	tshaw@brocku.ca

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	
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 rural areas	
Culinary tourism	
Indigenous tourism in Japan	
Anime and content tourism	
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 MSGL bedforms	
Glacial microsedimentology	
Subglacial sediments	
Past glacial environments	
Michael Pisaric ¹ , 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

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

Linkages between tourism and development theory
Tourism planning and development
Rural tourism development
Heritage tourism in Japan

Associate Professors:

Julia Baird, PhD (Saskatchewan)	jbaird@brocku.ca
Water resilience Water governance Social-ecological systems	
Jeff Boggs, PhD (UC Los Angeles)	jeff.boggs@brocku.ca
Economic geography Economic evolution of the Niagara Region Locational dynamics of industries Regional political economy Mixed methods research techniques Public policy Applied research	
David T Brown, PhD (McGill)	dbrown@brocku.ca
Digital tourism and interpretation Municipal cultural mapping Friends of Laura Secord publications, projects, and initiatives: digital interpretation, Laura Secord Legacy Trail, community infrastructure projects Trail and greenway establishment and 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	
David Goldblum, PhD (Colorado)	dgoldblum@brocku.ca
Biogeography Dendrochronology Dendroclimatology Forest ecology	
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) jchild@brocku.ca
Coastal geomorphology
Aeolian geomorphology
Water resources
Geography and education
Coastal management

David Grimes, C.M. F.AMS nb_dgrimes@brocku.ca
Climatology
Climate policy
Climate change impacts on the wine and tourism industries
Water resources

David Morimoto, PhD (Western)
Dendrochronology
Paleoecology
Climate change
dmorimoto@brocku.ca

Carleton University

Department of Geography and Environmental Studies
1125 Colonel By Drive, Ottawa, ON K1S 5B6
(613) 520-2561

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:

John Clarke, PhD (Western Ontario)
Ethnicity and agriculture
Oligarchy and land in the second British Empire: Upper Canada 1788-1841

D. R. Fraser Taylor, PhD (Edinburgh)
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, including children's mapping, in national, international, Indigenous contexts and in select UN GEO and Ethic Committees, and presentation of findings in innovative Cybergartographic form and publication

Fraser.Taylor@carleton.ca

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.
Permafrost and ground ice
Physical geography of the Yukon and western Arctic Canada

Christopher.Burn@carleton.ca

Professors:

Patricia Ballamingie, PhD (Carleton)
Food policy and food systems governance
Alternative housing models
Community-engaged scholarship

Patricia.Ballamingie@carleton.ca

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

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
Developing open-source tools for environmental monitoring

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

David Hugill, PhD (York) David.Hugill@carleton.ca
Urban geography and North American cities
Imperial and colonial urbanisms
Urban political economy

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

Scott Mitchell¹, 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

Peter Pulsifer, PhD (Carleton) Peter.Pulsifer@carleton.ca
Geographic information interoperability
Cartography and visualization

¹ Chair (July 1, 2023-June 30, 2024)

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
GIS and remote sensing Watershed ecosystems Cold regions hydrology and water quality Wetlands	
Jennifer Ridgley, PhD (Toronto)	Jennifer.Ridgley@carleton.ca
Migrants' rights and citizenship in the city Urban policing and law enforcement, Urban health, and abolition geographies	
Sheryl-Ann Simpson, PhD (Cornell)	SherylAnn.Simpson@carleton.ca
Migration, place and citizenship Environmental justice, health and well-being Spatial analysis (participatory, quantitative, qualitative, interpretive)	
Derek A. Smith, PhD (Kansas)	Dereka.Smith@carleton.ca
Cultural geography Local environmental knowledges Forest use and conservation Participatory mapping	
Sophie Tamas, PhD (Carleton)	Sophie.Tamas@carleton.ca
Arts-based and narrative-based research Emotion, affect, identity and change Post-traumatic bodies, places and things	
Jill Wigle, PhD (Toronto)	Jill.Wigle@carleton.ca
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	
Jesse Vermaire, PhD (McGill)	Jesse.Vermaire@carleton.ca
Aquatic ecology Environmental change Paleolimnology	

Assistant Professors:

Koreen Millard, PhD (Carleton)	KoreenMillard@carleton.ca
Remote Sensing of environmental change GIS, statistics, time series analysis, machine learning classification	
Dipto Sarkar, PhD (McGill)	Dipto.Sarkar@carleton.ca
GIScience, social network analysis,	

OpenStreetMap, biodiversity conservation

Instructors:

Kevin Hamdan, PhD (Simon Fraser) Physical geography/soil science Biogeography Climate Change	Kevin.Hamdan@carleton.ca
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 Karunananthan, MA (Ottawa)	Meera.Karunananthan3@carleton.ca
Feminist political ecology; hydro-social conflicts in the global South; water justice movements; decolonial and anti-racist praxis	

Adjunct Professors:

S. Carey, J. Chetelat, G. Crocker, A. Davidson, S. Fast, B. Harvey, B. Hipwell, J. Ives, S. Kokelj, V. Konrad, C. Levkoe, G. Ljubicic, P. Morse, P. Mount, H. McNairn, I. Naujokaitis-Lewis, S. Nickels, M., P.Roy-Leveille 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

<i>Distinguished Professors Emeritus:</i>	<i>Email Address:</i>
Brian Slack, PhD (McGill) Transport geography with a focus on maritime transportation Port planning and container shipping	brian.slack@concordia.ca
Patricia A. Thornton, PhD (Aberdeen) Population geography Historical Geography of 19th Century Montreal Mortality as an indicator of social and environmental justice	patricia.thornton@concordia.ca
<i>Emeritus Professors:</i>	
S. Robert Aiken, PhD (Penn State) Tropical deforestation Cultural geography Developing country environmental issues	robert.aiken@concordia.ca
Jacqueline M. Anderson, PhD (Wisconsin) Cartographic visualization and design Map user abilities Map skills education	jackie.anderson@concordia.ca
Max Barlow, PhD (McGill) Metropolitan governance Political geography	geogplanenviro@concordia.ca
Alan E. Nash, PhD (Cambridge) Cultural geography Restaurants in Montreal Gravestones in Iceland and the Caribbean	alan.nash@concordia.ca
Leonard Sklar, PhD (California, Berkeley) Fluvial, Hillslope, and Tectonic Geomorphology Engineering Geology	leonard.sklar@concordia.ca

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	
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	
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	
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:

Martin Danyluk, PhD (Toronto) martin.danyluk@concordia.ca
Infrastructure
Housing
logistics
intersecting forms of inequality in cities

Ghaffari, Leila, PhD (OQAM-Tours)	leila.ghaffari@concordia.ca
neighborhood transformation	
gentrification	
territorial inequalities	
housing policies	
social aspects of urban spaces	
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:

Jennifer Gobby, PhD (McGill)	jengobby@gmail.com
Environmental and climate justice	
Social movements	
Social transformation	
Settler-Indigenous relations	
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	

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:

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

Professors, Retired (adjunct):

Patricia Manuel, PhD (Dalhousie) patricia.manuel@dal.ca
School of Planning, and Marine Affairs Program (Faculty of Science),
Climate change adaptation planning; 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

Associate Professors:

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

Chad Walker, PhD (Western University) chad.walker@dal.ca
School of Planning and School for Resource & Environmental Studies
Climate change; energy transitions; renewable energy; smart grids; energy policy; energy justice; Indigenous sovereignty; geography; mixed methods

Instructors:

Kate Thompson, MPS (Dalhousie) kate.thompson@dal.ca
School of Planning
Environmental planning; place-based learning; urban planning; urban environmental planning policy

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 Science

Professor Emeriti:

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
- 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

Associate Professors:

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

- 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
- 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
- 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

Instructors:

Sessional/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

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	<i>Email Address:</i>
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

<i>Professors Emeriti:</i>	<i>Email Address:</i>
Robert S. Dilley, PhD (McMaster) Changes in the use of common lands in northern England since 1700 Weather in the novels of Arthur Ransome	Robert.Dilley@lakeheadu.ca
David D. Kemp, PhD (Edinburgh) 19th and 20th century climate change in Northwestern Ontario Global environmental issues Weather, climate and the fur trade	David.Kemp@lakeheadu.ca
Brian J. Lorch, PhD (Queen's) Big-box retail landscapes Reconfiguration of Canadian regional shopping centres	Brian.Lorch@lakeheadu.ca
Brian A.M. Phillips, PhD (Wales) 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	brianph@shaw.ca
Bradley A. Wilson, PhD (Calgary) 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	Brad.Wilson@lakeheadu.ca

Professor:

Todd A. Randall ¹ , PhD (McMaster) Attitudes towards urban intensification and diversification Impacts of demographic changes on land use in Northern urban areas Neighbourhood-scale evaluation of urban sustainability	Todd.Randall@lakeheadu.ca
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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
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Adjunct Professors:

Effah Antwi, PhD (Brandenburg)	
Daniel Duckert, PhD (Lakehead)	drducker@lakeheadu.ca
Brian Dunn, PhD (Oxford)	bpdunn@lakeheadu.ca
Charles Levkoe, PhD (Toronto)	clevkoe@lakeheadu.ca
Jason Prno, PhD (Wilfrid Laurier)	jjprno@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
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² Chair (Faculty information as of July 1, 2021)

³ Cross-appointed with Anthropology

Social and economic life in industrial Orillia 1870-1940
Social and health Issues in Simcoe County

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

<i>Professors Emeriti:</i>	<i>Email Address:</i>
Tim Moore, PhD (Aberdeen) 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	tim.moore@mcgill.ca
Sherry Olson, PhD (John Hopkins) A GIS platform for studying the 19th-century city Public health issues in Montreal 1880 and today Work environments in the 19th-century city	sherry.olson@geog.mcgill.ca
Wayne Pollard, PhD (Ottawa) 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	wayne.pollard@mcgill.ca
George Wenzel, PhD (McGill) 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	george.wenzel@mcgill.ca

Professors:

Gail Chmura, PhD (Louisiana State) Wetland dynamics	gail.chmura@geog.mcgill.ca
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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: sees.mcmaster.ca

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:

	<i>Email Address:</i>
Mohammed Altaf Arain, PhD (Arizona) Air pollution, climatology Evapotranspiration Forest carbon and water cycles Global climate models Hydrometeorology and biometeorology	arainm@mcmaster.ca
Janok Bhattacharya ¹ , PhD (McMaster) 3D facies architecture of shallow marine Paralic, fluvial depositional systems Sequence stratigraphy	bhattaj@mcmaster.ca
Sean Carey, PhD (McMaster) Cold regions Hydrology, biometeorology Landscape disturbance Reclamation	careysk@mcmaster.ca
Paulin Coulibaly, PhD (Laval) Climate variability Hydroclimatic modelling and forecasting Hydrology, hydrologic data assimilation, water resource	couliba@mcmaster.ca
Karen Kidd, PhD (Queen's) Contaminants in Aquatic Food Webs Forest management and stream health Dams and dam removal	karenkidd@mcmaster.ca
Sang-Tae Kim, PhD (McGill University) Biomineralization Chemical Oceanography	sangtae@mcmaster.ca

¹ Director

*Geographer

Cosmochemistry	
Experimental Geochemistry	
Marine and Aqueous Geochemistry	
Paleoclimatology	
Stable Isotope Geochemistry	
Kenneth Bruce Newbold, 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 ² , 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, PhD (Toronto)	gslater@mcmaster.ca
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	

² Associate Director, Graduate

*Geographer

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:

Joseph I. Boyce, PhD (Toronto) boycej@mcmaster.ca

- 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

Gita Ljubicic*, PhD (Toronto) gita.ljubicic@mcmaster.ca

- 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

- Paleoceanography and paleoclimatology

*Geographer

Sedimentary geology
 Stable isotope geochemistry
 Teaching and learning environments
 Niko Yiannakoulias*, PhD (Alberta)
 Agent-based modelling
 Crime geomatics
 Cluster detection methods and theory
 Child health
 Injury epidemiology
 Medical geography

yiannan@mcmaster.ca

Assistant Professors:

Melanie Bedore*, PhD (Alberta)	bedorema@mcmaster.ca
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	
Michael Mercier ^{3*} , PhD (McMaster)	mercieme@mcmaster.ca
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	
Elli Papangelakis, PhD (Waterloo)	papangee@mcmaster.ca
Fluvial geomorphology Sediment transport River restoration Urban river management	
Alexander Peace, PhD (Durham)	peacea2@mcmaster.ca
Structural geology	

³ Associate Director, Undergraduate

*Geographer

Tectonic processes
 Applied geophysics
 Field geology
 Magmatism
 Seismic hazards

Léa Ravensbergen*, PhD (Toronto)
 Transport research
 Sustainable transport systems
 Qualitative and Quantitative methods to uncover barriers to walking, cycling and
 public transportation
 Gender-equity in active travel and age-friendly transport planning

ravensbl@mcmaster.ca

Professors Emeriti:

Paul M. Clifford, PhD (London)
 Vera A. Chouinard*, PhD (McMaster)
 James H. Crocket, PhD (MIT)
 Alan P. Dickin, PhD (Oxford)
 John Drake, PhD (McMaster)
 Carolyn H. Eyles, PhD (Toronto)
 John D. Eyles*, PhD (London)
 Derek C. Ford, DPhil (Oxford) F.R.S.C.
 Douglas Grundy, PhD (McMaster)
 Fred L. Hall*, PhD (MIT)
 Richard S. Harris*, PhD (Queen's)
 Leslie J. King, PhD (Iowa) F.R.S.C.
 James R. Kramer, PhD (Michigan)
 Kao-Lee Liaw*, PhD (Clark University)
 Gerard V. Middleton, PhD (London) F.R.S.C.
 William A. Morris, PhD (Open U, UK)
 Yorgos Y. Papageorgiou*, PhD (Ohio State)
 William Jack Rink, PhD (Florida State)
 Michael J. Risk, PhD (Southern California)
 Wayne R. Rouse, PhD (McGill)
 Henry P. Schwarcz, PhD (California)
 Roger G. Walker, DPhil (Oxford) F.R.S.C.
 Ming-Ko Woo, PhD (British Columbia)

clifford@mcmaster.ca
 chouinar@mcmaster.ca
 crocketj@mcmaster.ca
 dickin@mcmaster.ca
 drake@mcmaster.ca
 eylesc@mcmaster.ca
 eyles@mcmaster.ca
 dford@mcmaster.ca
 grundy@mcmaster.ca
 hallfl@mcmaster.ca
 harrisr@mcmaster.ca
 kinglj@mcmaster.ca
 kramer@mcmaster.ca
 rliaw@mcmaster.ca
 middleto@mcmaster.ca
 morriswa@mcmaster.ca
 yorgos@mcmaster.ca
 rinkwj@mcmaster.ca
 riskmj@mcmaster.ca
 rouse@mcmaster.ca
 schwarcz@mcmaster.ca
 walkerrg@cadvision.com
 woo@mcmaster.ca

Adjunct Professors:

James Chatters, PhD (Washington)
 Jiaxin Chen, PhD (Leeds Beckett)
 Dominique Henri, PhD (Oxford)
 Myroslova Khomik, PhD (McMaster)
 Peter Kitchen*, PhD (McMaster)

paleosci@gmail.com
 jiaxin.chen@ontario.ca
 dominique.henri@ec.gc.ca
 mkhomik@uwaterloo.ca
 kitchen@mcmaster.ca

*Geographer

Kurt Kornelsen, PhD (McMaster)	kornelkc@mcmaster.ca
Charlotte MacAlister, PhD (Newcastle)	charlotte.macalistor.unu.edu
Matin Mir, PhD (New Brunswick)	mir.matin@unu.edu
Chris McLaughlin, PhD (McMaster)	mclaug@mcmaster.ca
Nidhi Nagabhatla, PhD (Pune, India)	Nidi.Nagbhatla@unu.edu
Grace Oluwasanya, PhD (Cranfield)	grace.oluwasya@unu.edu
Duminda Perera, PhD (Kyushu)	perere1@mcmaster.ca
Matthew Peros*, PhD (Toronto)	mperos@ubishops.ca
Manzoor Qadir, PhD (Faisalabad)	Manzoor.Qadir@unu.edu
Dominique Rissolo, PhD (California)	dominique@waittinstigate.org
Bharati Sethi*, PhD (Wilfred Laurier)	bharatisethi@trentu.ca
Matthias Sweet, PhD (McMaster)	sweet@mcmaster.ca
Lina Taing, PhD (Cape Town)	taingl@mcmaster.ca
Louis-Paul Tardif*, PhD (Ottawa)	
Shusen Wang, PhD (Alberta)	Shusen.Wang@Canada.ca

Associate Members:

James Dunn*, DPhil (Simon Fraser)	dunnjam@mcmaster.ca
Ioannis Tsanis, PhD (Toronto)	tsanis@mcmaster.ca

Industry Professor:

John MacLachlan, PhD (McMaster)	maclacjc@mcmaster.ca
---------------------------------	----------------------

**Geographer*

Memorial University of Newfoundland

Department of Geography
232 Elizabeth Avenue, Science Building – Suite 2012
St. John's, NL A1B 3X9
(709) 864-7417 — Fax (709) 864-3119
Email: geog@mun.ca
Website: <https://www.mun.ca/geography>

Department Offers

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

Faculty

Professors Emeriti:

Gordon Handcock, PhD (Birmingham)
Chesley Sanger, PhD (Dundee)
Christopher Sharpe, PhD (Toronto)

Email Address

ghandcoc@mun.ca
csanger@mun.ca
casharpe@mun.ca

Honorary Research Professors:

Trevor Bell, PhD (Alberta)
John Jacobs, PhD (Colorado)
Keith Storey, PhD (Western Ontario)
Roger White, PhD (North Carolina)

tbell@mun.ca
jjacobs@mun.ca
kstorey@mun.ca
roger@mun.ca

Professors:

Carissa Brown, PhD (Saskatchewan)
Ratana Chuenpagdee, PhD, (British Columbia)
Evan Edinger, PhD (McMaster)
Joel Finnis, PhD (Colorado)
Arn Keeling¹, PhD (British Columbia)
Josh Lepawsky, PhD (Kentucky)
Max Liboiron, PhD (New York University)
Charles Mather, PhD (Queen's)

carissa.brown@mun.ca
ratanac@mun.ca
eedinger@mun.ca
jfinnis@mun.ca
akeeling@mun.ca
jlepawsky@mun.ca
mliboiron@mun.ca
cmather@mun.ca

Associate Professors:

Dean Bavington, PhD (Wilfrid Laurier)
Nicholas Lynch PhD (British Columbia)
Yolande Pottie-Sherman, PhD (British Columbia)

dbavington@mun.ca
nicholasl@mun.ca
ypottiesherm@mun.ca

¹ Department Head

* currently suspended

Assistant Professors:

Paul Ledger (Aberdeen)
Mahyar Masoudi (Singapore)

pledger@mun.ca
mahyar.masoudi@mun.ca

Term Appointments:

Daniel Banoub (Manchester)

dbanoub13@mun.ca

Cross-Appointments:

Mario Blaser, PhD (McMaster)
Sarah Martin PhD (Waterloo)
Kathleen Robert, PhD (Southampton)

mblaser@mun.ca
sarahjmartin@mun.ca
kathleen.robert@mi.mun.ca

Adjunct Professors:

Steve Bonnell, PhD (Dundee)
Julia Christensen (PhD McGill University)
Chris Cogan PhD (PhD Univ. of California)
Rodolphe Devillers, PhD (Laval & Marne-la Vallée)
Donald Forbes, PhD (British Columbia)
Gerald Singh PhD (British Columbia)
Ian Turnbull, PhD (Chicago)

stephen.bonnell@canada.ca
Julia.christensen@queensu.ca
ccogan@mun.ca
Rodolphe.rodolphe.devillers@ird.fr
dlforbes@mun.ca
geralds@mun.ca
ian.turnbull@card-arctic.ca

Post-Doctoral Fellows:

Evan Andrews
Lissandra Cavalli
Leah Fusco
Paul McCarney

evana@mun.ca
lscavalli@mun.ca
fuscol@geog.utoronto.ca
pmmcarney@yukonu.ca

Staff:

Glenn Crewe, GIS/RS Specialist
Valarie James, Administrative Assistant
Dominique Lavers, Administrative Program Assistant
Pamela Murphy, Administrative Staff Specialist III
Elena Sizova Academic Program Assistant

gcrewe@mun.ca
vjames@mun.ca
lavera@mun.ca
pamela@mun.ca
esizova@mun.ca

Mount Allison University

Department of Geography & Environment
144 Main St., Sackville, NB E4L 1A7
(506) 364-2326 — Fax (506) 364-2625
Email: aestabro@mta.ca

Website: <https://mta.ca/current-students/department-geography-and-environment>

Department Offers

BA (Geography); BA (Environmental Studies); BSc (Environmental Science); BA (Geocomputing Joint Major with Computer Science); Minor (Geographic Information Systems)

Faculty

<i>Professors Emeritus:</i>	<i>Email Address:</i>
David J. Mossman, PhD (Otago)	dmoSSman@mta.ca
<i>Professors:</i>	
Jeff Ollerhead, PhD (Guelph) Coastal geomorphology Saltmarsh restoration	jollerhead@mta.ca
Brad Walters ¹ , PhD (Rutgers) Human ecology Mangrove forests and people Tropical deforestation and land use change Climate change politics and policy Research methodology in human ecology	bwalters@mta.ca
<i>Associate Professors:</i>	
Leslie Kern ² , PhD (York) Gentrification Gender and cities Emotional and embodied geographies Gender and work Neoliberal urbanism Urban revitalization Activism and resistance	lkern@mta.ca
Joshua Kurek, PhD (UNB) Aquatic ecology	jkurek@mta.ca

¹ Geography and Environment Department Head and Coordinator, Environmental Studies

² Coordinator, Women's and Gender Studies

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	
Tim Reiffenstein, PhD (Simon Fraser)	treiffen@mta.ca
Japan	
Cultural industries	
Ramen geographies	

Assistant Professors:

Corrine Cash, PhD (Waterloo)	ccash@mta.ca
Community-based adaptation planning	
Climate change and people	
Urban issues	
Social equity	
Rural and First Nations communities	

Instructors:

Ben Phillips, MSc (Mount Allison)	bphillips@mta.ca
Climate change	
Acadian forest disturbance history	
Dendrochronology	
Dendroarchaeology	

Lab Instructors/Technicians:

Chris Kelly, MSc (Tokyo Metropolitan)	ckelly@mta.ca
Geomorphology	
Alluvial fan development	
Christina Tardif (NBCC)	ctardif@mta.ca
Geographic Information Systems	
Spatial Analysis	
Cartography	

Adjunct Professors:

Holly Abbandonato, PhD (Pavia)	habbandonato@mta.ca
Plant ecology	
Environmental policy	
Climate change	
Native seed quality and certification	

Grassland restoration

Zoe Finkel, PhD (Rutgers)

Biological oceanography

Climate change

Macroecology and macroevolution

Phytoplankton eco-physiology

Andrew Labaj, PhD (Queen's)

zfinkel@mta.ca

Palaeolimnology / limnology

Microplastic pollution

Freshwater ecosystems

Branaavan Sivarajah, PhD (Queens)

alabaj@mta.ca

Palaeolimnology / limnology

Heavy metal pollution of freshwater

Mount Royal University
Department of Earth and Environmental Sciences
Calgary, AB, T3E 6K6
403-440-6257
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

Email Address:

lmoorman@mtroyal.ca

Associate Professors:

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

mburnett@mtroyal.ca

Pam MacQuarrie, MSc
Cartography and GIS analysis
Weather and Climate

pmacquarrie@mtroyal.ca

Sessional Instructors:

Robin Cuthbert
Dana Naldrett
Susan Reid

rcuthbertson@mtroyal.ca
dnalgett@mtroyal.ca
sjried1@mtroyal.ca

Nipissing University
Geography Department
100 College Drive, North Bay, ON P1B 8L7
(705) 474-3450 — Fax (705) 474-1947
Email: johnmk@nipissingu.ca
Website: <http://www.nipissingu.ca/geography>

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 MSc in Environmental Sciences

Faculty

Professors Emeriti:

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

Professors:

April James, PhD (McGill)	<i>Email Address:</i>
Watershed and isotope hydrology	aprilj@nipissingu.ca
Hydrological modeling	
John M. Kovacs ¹ , PhD (Western)	<i>Email Address:</i>
Remote sensing of wetlands and agriculture	johnmk@nipissingu.ca
Dan Walters ² , PhD (Western)	<i>Email Address:</i>
Agriculture	danw@nipissingu.ca
Harmful algal blooms	
Water governance	
Arja Vainio-Mattila, PhD	<i>Email Address:</i>
Global development studies	arja@nipissingu.ca

Associate Professors:

Odwa Atari, PhD (Western)	<i>Email Address:</i>
Health geography and GIS	odwaa@nipissingu.ca
Air pollution and modeling	
Kirsten Greer ³ , PhD (Queen's)	<i>Email Address:</i>
Environmental history	kirsteng@nipissingu.ca

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

Historical geography
Sean O'Hagan, PhD (Western)
Corporate and economic geography

seano@nipissingu.ca

Assistant Professors:

James Abbott, PhD (Duke)
Highly variable environments
Rural livelihoods
Leif Eric Mattson, PhD (Waterloo)
Snow and ice hydrology
Colin P.R. McCarter⁴, PhD (Waterloo)
Ecohydrology and mercury transport
Peatlands and disturbances
David Rowbotham, PhD (Waterloo)
Natural hazards and terrain analysis

jamesa@nipissingu.ca

ericm@nipissingu.ca

colinmcc@nipissingu.ca

davidr@nipissingu.ca

Instructors:

Mary Jackson, BEd (Nipissing)
Ysabel Castle, MESc (Nipissing)

maryj@nipissingu.ca
ysabelc@nipissingu.ca

Queen's University

Department of Geography and Planning
Mackintosh-Corry Hall, Kingston, ON K7L 3N6
(613) 533-6030 — Fax (613) 533-6122

Email: lindsey.morey@queensu.ca

Website: <http://www.queensu.ca/geographyandplanning/home>

Department Offers

BA, BSc, MA, MPL, MSc, PhD, Geographic Information System – Certificate, Urban Planning Studies – Certificate

Faculty

Professors Emeriti and Emeritae:

Email Address:

Anne Godlewska, PhD (Clark)
Indigenous-Settler relations in Canada

Literary geographies
The history of geography
Colonialism and imperialism
The map and society
Geographies of Chocolate

godlewsk@queensu.ca

Peter Goheen, PhD (Chicago)
Historical
Urban

goheenp@queensu.ca

John Holmes, PhD (Ohio State)
Urban and regional political economy
Economic geography
Labour geography

holmesj@queensu.ca

Audrey Kobayashi, PhD (UC Los Angeles)
Activism
Social justice
Housing
Racism
Human rights
Feminism
Immigration
Critical disability studies
Law and geography, theory
Canada and Ireland

kobayasi@queensu.ca

Hok-Lin Leung, PhD (Reading)
Land use planning
Urban design
Policy planning and evaluation
Cultural comparison

leungh@queensu.ca

Scott Lamoureux, PhD (Alberta)	scott.lamoureux@queensu.ca
Permafrost	
Geomorphology	
Hydrology and climate, especially in cold regions	
W. George Lovell, PhD (Alberta)	lovellg@queensu.ca
Pedro de Alvarado and the Illusive Conquest of Peru	
Indigenous survival in Latin America	
Historical Geography of Spanish Central America	
Gerald McGrath, MA (Cambridge)	mcgrathg@queensu.ca
Governance and policy	
Human resources	
Mapping and charting	
Eric Moore, PhD (Queensland)	mooree@queensu.ca
Population	
Urban	
Public policy	
Brian Osborne, PhD (Southampton)	osborneb@queensu.ca
Historical	
Cultural	
Heritage studies	
Mohammad Qadeer, PhD (Columbia)	qadeerm@queensu.ca
Multiculturalism, cities and planning for diversity	
Urban development and planning in the Global South	
Social and cultural developments in Pakistan	
Barry Riddell, PhD (Pennsylvania State)	riddellb@queensu.ca
Third World underdevelopment, debt and conflict	
Globalization and development	
The World Bank and neoliberalism in Africa and the Caribbean	
Andrejs Skaburskis, PhD (Berkeley)	skabursk@queensu.ca
Urban spatial structure	
Housing markets	
Urban economy	
Rowland Tinline, PhD (Bristol)	rrtinline@gmail.com
Medical	
Geographic information systems	
Disease modelling	
Rabies management and control	

Professors:

Laura Jean Cameron, PhD (Cambridge)	cameron@queensu.ca
Aural/oral geographies	
Geographies of colonialism	
Historical geographies of nature and science	
Sonic methods	
Dongmei Chen, PhD	chendm@queensu.ca
(San Diego State/UC Santa Barbara)	
Change detection	

Remote sensing image analysis	
Spatial analysis and modeling	
Environmental and health applications	
Betsy Donald, PhD (Toronto)	betsy.donald@queensu.ca
Urban and regional political economy	
Economic geography	
Urban governance	
Cultural economies of food and food systems planning	
David Gordon, D.Des. (Harvard)	david.gordon@queensu.ca
Suburbs in Canada, Australia and USA	
Planning history, especially Ottawa	
Capital cities	
Urban redevelopment, especially waterfronts	
Community design	
Melissa Lafrenière ¹ , PhD (Alberta)	melissa.lafreniere@queensu.ca
Biogeochemistry of cold environments	
Hydrology	
Carbon and nutrient cycling in alpine and arctic catchments	
Warren Mabee ¹ , PhD (Toronto)	warren.mabee@queensu.ca
Forests and energy	
Bioenergy and biofuel technology	
Regional energy systems	
Beverley Mullings, PhD (McGill)	mullings@queensu.ca
Feminist political economy and Social reproduction,	
Decolonial/Anti-colonial geographies	
Labour geographies	
Racial capitalism	
Diaspora governance, Caribbean	
Mark Rosenberg ² , PhD (LSE)	mark.rosenberg@queensu.ca
Aging across Canada	
Geographies of voluntarism	
Health and medical geography	
Public policy	
Paul Treitz, PhD (Waterloo)	paul.treitz@queensu.ca
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:

Ajay Agarwal, M.Pl., PhD (USC, Los Angeles)	ajay.agarwal@queensu.ca
Travel behaviour of Generation Y	
Determinants of changes in urban spatial structure	
Promoting public transit in midsize Canadian cities	

¹ Head (Faculty information as of July 1, 2022)

² Canada Research Chair

George Bevan, PhD (Toronto)	bevan@queensu.ca
Photogrammetry and computational photography	
Multi-spectral imaging (reflected UV and IR; UV/IR fluorescence)	
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	
Julia Christensen, PhD (McGill)	Julia.christensen@queensu.ca
Heather Castleden ¹ , PhD (Alberta),	heather.castleden@queensu.ca
Treaty rights, negotiations, and implementation	
Indigenous-Settler reconciliation	
Social-environmental justice and health equity	
Decolonizing, Indigenous, and participatory methodologies	
Patricia Collins ³ , PhD (Simon Fraser)	patricia.collins@queensu.ca
Healthy community planning	
Healthy built environments	
Sustainable mobility	
Complete communities	
Public goods	
Local governance and activism	
Ryan Danby, PhD (Alberta)	ryan.danby@queensu.ca
Landscape ecology	
Biogeography	
Biodiversity conservation	
Vegetation science	
Ecosystem-based management	
John F. Meligrana ⁴ , PhD (Simon Fraser)	john.meligrana@queensu.ca
Local government reform	
Regional governance	
Urban-rural fringe	
Urban planning and development in China	
Neal Scott, PhD (Colorado State)	neal.scott@queensu.ca
Terrestrial biogeochemistry	
Greenhouse gas dynamics in temperate and arctic ecosystems	
Land-use change	
Watershed dynamics	
Ian Strachan, PhD (Queen's)	ian.strachan@queensu.ca
Surface-atmosphere interactions influenced by management and human-induced modification of ecosystems	

¹ Canada Research Chair³ Acting Director of SURP – Winter 2022⁴ Director of SURP – Fall 2021

Trace gas exchanges
Wetland ecosystems

Graham S. Whitelaw, PhD (Waterloo) whitelaw@queensu.ca
Environment and sustainability, focused primarily on three interrelated themes:
regional and environmental planning, environmental assessment, and
monitoring

Assistant Professors:

Grace Adeniyi-Ogunyankin, PhD (York) grace.adeniyiogunyankin@queensu.ca

Neoliberal urbanism
Gender and urban planning
Postcolonial urbanism
Cultural geography
Youth geographies
Emotional geographies

John Andrew, PhD (Toronto) andrewj@queensu.ca

Commercial real estate financial feasibility analysis
Environmental issues in buildings and land
Conflict management and public consultation in real estate planning
Real estate decision-making and investment strategy
Transportation infrastructure development and public-private collaboration

Rachael Baker (She/They), PhD (York) rachael.baker@queensu.ca

Critical race feminisms
Insurgent and activist planning
Housing inequality and struggle
Reflexive and redistributive praxis
Decolonial and anti-racist futures
Qualitative feminist methods

Dan Cohen, PhD (UBC) dan.cohen@queensu.ca
Political economy
Markets and marketization
Geographies of education
Urban public policy
Finance

Kesha Fevrier, PhD (York) kesha.fevrier@queensu.ca
Black Geographies and Ecologies
Environmental Justice
Geographies of Waste
Global Environmental Politics
Informal work and labour markets

Maxwell Hartt, PhD (Waterloo) m.hartt@queensu.ca
Shrinking cities
Economic decline
Demographic change
Aging
Age-friendly communities
Economic resilience

Christopher Omelon, PhD (Toronto) c.omelon@queensu.ca

Microbial/aqueous geochemistry	
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

Halifax, NS B3H 3C3

(902) 420-5737

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

West 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

Epistemological aspects of our relations with the environment

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 19 th -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.rahaman@mail.mcgill.ca
Climate vulnerability and adaptation	
Sustainable natural resource management	
Nature-based solutions	
Sustainable rural development	

Simon Fraser University
Department of Geography
8888 University Drive, Burnaby, BC V5A 1S6
(778) 782-3321 — Fax (778) 782-5841
Website: <http://www.sfu.ca/geography/>

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 Brennand ¹ , 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 ² , 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, Geo-AI and soft computing	
Modeling land use and land cover changes	

¹ Chair

² Associate Vice-President, Research Pro-Tem

Peter Keller, PhD (Western Ontario)	cpkeller@sfu.ca
Spatial analysis and decision support	
Geographic Information Sciences	
Health Geography	
Tourism	
Paul Kingsbury ³ , 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	

³ Associate Dean, Undergraduate (Faculty of Environment)

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 Lecturers:

Andrew Perkins, PhD (Simon Fraser)
Hazards
Geochronology
Paleoglaciology

andrew_perkins@sfu.ca

Tara Holland, PhD (Guelph)
Science education
Climate change adaptation

tholland@sfu.ca

Lecturer:

Leanne Roderick, PhD (Queens)
Economic Geography
Financial Geography
Critical Political Economy
Social Science Education

leanne_roderick@sfu.ca

Associate Members:

Martin Andresen, PhD (British Columbia)
Applied spatial statistics
Spatial crime analysis
Crime and place

andresen@sfu.ca

Yildiz Atasoy, PhD (Toronto)
Global political economy
Political sociology
State restructuring
Social change and development
Political economy of agrifood systems
Neo-liberal urbanism

yatasoy@sfu.ca

Clint Burnham, PhD (York University)
Cultural Studies
Psychoanalytic theory
Contemporary poetry

clint_burnham@sfu.ca

Pascal Haegeli, PhD (British Columbia)
Avalanche risk management
Backcountry recreation
Risk communication
Climate change

phaegeli@sfu.ca

Peter Hall, PhD (UC Berkeley)
Port cities
Logistics
Employment
Community development
Urban economies

pvhall@sfu.ca

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	
Jeremy Venditti, PhD (British Columbia)	jeremy_venditti@sfu.ca
Fluvial geomorphology & sedimentology	
River dynamics, physics of sediment transport	

Adjunct Professors

Terence Day, PhD (University of East Anglia)	tday@okanagan.bc.ca
Geography education	
The nature of physical geography	
Jeremy Fyke, PhD (Victoria University of Wellington)	fykej@ae.ca
Climate change modelling and application	
Nathan Gillett, 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	
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
9125 50 Street NW, Edmonton, AB T6B 2H3
(780) 465-3500 Ext. 8081 — Fax (780) 465-3534
Email: nancy.burford@kingsu.ca
Website: <https://www.kingsu.ca/programs/geography>

Department Offers

BA and BSc in Environmental Studies, Geography minor only

Faculty

<i>Professor Emeritus:</i>	<i>Email Address:</i>
Harry Spaling, PhD (Guelph) Sustainability of rural resource-based livelihoods in East Africa Community-based environmental assessment of NGO development projects African creation wisdom	harry.spaling@kingsu.ca
<i>Professor:</i>	
Vern Peters, PhD (Alberta) 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	
<i>Associate Professor:</i>	
Joanne M. Moyer, PhD (Manitoba) Environmental sustainability within faith communities Learning for sustainability (Transformative Learning Theory) Community-based sustainability initiatives, public participation, and governance	joanne.moyer@kingsu.ca
<i>Assistant Professor:</i>	
Adrian Beling, PhD (Humboldt – Berlin) 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	adrian.beling@kingsu.ca
<i>Work Integrated Learning Coordinator (ENVS):</i>	
Nancy Burford, B.Des.(ACAD), CCDP, Career Development Certificate (Concordia) Environmental career development	nancy.burford@kingsu.ca

Thompson Rivers University
Geography and Environmental Studies Program,
805 TRU Way, Kamloops, BC, V2C 0C8
(250) 828-5000

Website: <https://www.tru.ca/arts/departments/environment-culture-society/geography-environmental-studies.html>

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:

<i>Professors:</i>	<i>Email Address:</i>
Darryl Carlyle-Moses, ¹ PhD (Toronto) Ecohydrology Micrometeorology Urban hydrology and meteorology	dcarlyle@tru.ca
David Hill, PhD (Illinois at Urbana-Champaign) Data mining Environmental sensing Spatiotemporal modelling Natural resource management	dhill@tru.ca
Michael Mehta, PhD (York) Air quality Citizen science Risk Renewable energy Sustainability	mmehta@tru.ca

Associate Professors:

Tom Waldichuk, PhD (York) Geography of Japan Rural-urban fringe Field education Rural Sustainability	twaldichuk@tru.ca
------------------------------------------------------------------------------------------------------------------	-------------------

¹ Co-ordinator

Associate Teaching Professor:

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

Assistant Teaching Professor:

Robin Westland, PhD (Queens) rwestland@tru.ca
Emotional, affective, and feminist geographies
Mining, sustainability, and concepts of nature
Cultural and material geographies

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

Toronto Metropolitan University
Department of Geography & Environmental Studies
350 Victoria Street, Toronto, ON M5B 2K3
416-979-5038 — Fax 416-979-5362
Website: <https://www.torontomu.ca/geography/>

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), MSc, 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:

Michal Bardecki, PhD (York, Canada)	<i>Email Address:</i>
Sustainable fashion	bardecki@torontomu.ca
Environmental education	
Nepal	
Valuation of wetlands and wetlands management	
Harald Bauder ¹ , PhD (Wilfrid Laurier)	
Critical border studies	hbauder@torontomu.ca
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@torontomu.ca
Globalisation and territory	
Environmental perception	
Statistical methods	
Economic geography	
K. Wayne Forsythe ² , PhD (Salzburg)	forsythe@torontomu.ca
Assessing Great Lakes sediment contamination	
Geospatial analysis and geovisualization	
Change detection using remote sensing and GIS	
Claus Rinner ³ , PhD (Bonn)	crinner@torontomu.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@torontomu.ca
Consumption, culture, and identity	
GIS and health care	
Immigration and transnationalism	
Spatial modeling of accessibility	
Shuguang Wang, PhD (Alberta)	swang@torontomu.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 Atkinson ⁴ , PhD (Queen's, Canada)	datkinson@torontomu.ca
Arctic ecology	
Biogeography	
Biophysical remote sensing of the Arctic	
Spatial analysis of Arctic ecosystems	
Brian Ceh, PhD (Western Ontario)	bceh@torontomu.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@torontomu.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@torontomu.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 Millward ⁵ , PhD (Waterloo)	millward@torontomu.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@torontomu.ca
Exposure assessment	
Environmental modelling	
Health risk assessment	
GIS and spatial statistics	
Health and medical geography	
Claire Oswald ⁶ , PhD (Toronto)	coswald@torontomu.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@torontomu.ca
Sustainability Indicators	
Sustainable Development	
Landscape Ecology	
Global Change	
Landscape Planning	
Eric Vaz, PhD (NOVA, Lisbon)	evaz@torontomu.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 Cleave ⁷ , PhD (Western Ontario)	evan.cleave@torontomu.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@torontomu.ca
Human-environment interaction	
Hazards, Flood	
Risk, vulnerability	
Climate change adaptation	
Christopher Wellen, PhD (Toronto)	christopher.wellen@torontomu.ca
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@torontomu.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@torontomu.ca
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@torontomu.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@torontomu.ca
Citizenship and identity	
Disability and Accessibility	

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

Geography of Toronto	
Globalisation and territory	
Immigration and transnationalism	
Relocation/dislocation of residents in the urban gentrification process	
Raymond Garrison	rgarrison@torontomu.ca
Michael MacDonald, MSA (Ryerson)	mmacdon@torontomu.ca
Geographic Information Systems/Science	
GIS Programming	
Mohammad Manshouri, PhD (Tehran)	manshouri@torontomu.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@torontomu.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@torontomu.ca

Administrative Staff:

Lisa Benadiba	spatial@torontomu.ca
<i>Graduate Program Administrator—Spatial Analysis</i>	
Jessica Barnett	jessicabarnett@torontomu.ca
<i>Department Administrator</i>	
Mindy Vuong	mindy.vuong@ torontomu.ca
<i>Undergraduate Program Administrator—Environment and Urban Sustainability</i>	
<i>Undergraduate Program Administrator—Geographic Analysis</i>	

Trent University
School of the Environment
1600 West Bank Drive, Peterborough, ON K9L 0G2
(705) 748-1011, ext. 7686
Email: tse@trentu.ca
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

<i>Professors Emeriti:</i>	<i>Email Address:</i>
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:

Ian M. Power, PhD (Western Ontario)	ianpower@trentu.ca
Carbon dioxide mineralization and sequestration	
Enhanced rock weathering for CO ₂ removal	
Geochemical and geomicrobial processes within mine wastes	
Natural analogues for inorganic carbon storage	
Roger M. Picton, PhD (Toronto)	rogerpicton@trentu.ca
Geographies of craft brewing	
Zoning and adaptive reuse	
Planning for small and mid-sized cities	
Fieldwork and pedagogy in human geography	
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.	
Stephanie Rutherford, PhD (York)	srutherford@trentu.ca
Animal geographies	
Historical geography of nature and nation	
Human-wildlife conflict	
Political ecology	
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:

Magali F. Nehemy, PhD (Saskatchewan) mnehemy@trentu.ca

Forest Hydrology

Isotope Hydrology

Hillslope Ecohydrology

Trinity Western University

Department of Geography and Environment
22500 University Dr., Langley, BC V2Y 1Y1
(604) 888-7511

Email: jayne.cummins@twu.ca

Website: <https://www.twu.ca/academics/faculty-humanities-social-sciences/geography>

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:

Maxwell Ofosuhene³, PhD (Saskatoon) maxwell.ofosuhene@twu.ca
Community/regional development strategies
Rural and urban home-based business

Part-Time Instructors:

¹ Cross-appointed with Department of Biology

² Cross-appointed with Department of History

³ Department Co-Chair

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

jamie.spinney@smu.ca

Staff:

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

Jayne.Cummins@twu.ca
Liz.Robertson@twu.ca

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@umanitoba.ca

Site web : <http://www.umanitoba.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@umanitoba.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@umanitoba.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@umanitoba.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 Simard ¹ , Ph. D. (UQAR)	majella.simard@umanitoba.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@umanitoba.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 LaRocque ¹ , Ph. D. (Montréal)	armand.larocque@umanitoba.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
Case postale 6128, succursale Centre-ville, Montréal, QC, H3C 3J7
(514) 343-8010 — Télécopieur (514) 343-8008
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 :

Claude Comtois, PhD (Hong Kong)
Geography of transport, Maritime transport
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 :

claude.comtois@umontreal.ca
rodolphe.de.koninck@umontreal.ca
pierre.richard@umontreal.ca
andre.roy@umontreal.ca

Professeurs titulaires :

François Cavayas, PhD (Laval)
Remote sensing
GIScience
François Courchesne PhD (McGill)
Soil science
Biogeochemistry
Daniel Fortier PhD (Laval)
Cold regions geomorphology
Kathryn Furlong, PhD (UBC)
Canada Research Chair in Water and Urbanization
Patricia M. Martin, PhD (Colorado)
Development
Gender
Political violence
Latin America

françois.cavayas@umontreal.ca
francois.courchesne@umontreal.ca
daniel.fortier@umontreal.ca
kathryn.furlong@umontreal.ca
patricia.martin@umontreal.ca

Professeurs agrégés :

François Girard, PhD (Laval)
GIScience
Biogeography
Forestry

francois.girard@umontreal.ca

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	
Sebastien Nobert, PhD (Edinburgh)	s.nobert@umontreal.ca
Political ecology	
Geographies of risk	
Political geography	
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 :

Audrey Campeau, PhD (Sweden)	audrey.campeau@umontreal.ca
Hydrology	
Thibault Le Corre, PhD (Sorbonne)	thibault.le.corre@umontreal.ca
S.I.G	
Gabriel Fauveaud, PhD (Sorbonne)	gabriel.fauveaud@umontreal.ca
Southeast Asia	
Urban geography	
Governance	
Social geography	
Alexis Maximilien Berg, PHD (Paris)	alexis.maximilien.berg@umontreal.ca
Sciences Environnementales	

Professeurs associés :

Claude Marois, PhD (Laval)

¹ Directrice (information sur la Faculté, Juin 2023)

Claude Comtois, PhD (Hong Kong)

Professeurs invités :
Ornella Puschiasis, PhD (Paris)

Université de Sherbrooke

Département de géomatique appliquée
2500 boulevard de l'Université, Sherbrooke (Québec) J1K 2R1
819 821-7190

Adresse électronique : geomatique@usherbrooke.ca
Site web : 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 géomatique appliquée et télédétection incluant un cheminement de type cours et un cheminement de type recherche; Doctorat en télédétection.

Département de géomatique appliquée

Professeurs titulaires :

Philippe Apparicio, PhD (Maine)

Adresse électronique :

Philippe.Apparicio@USherbrooke.ca

- Justice et équité environnementale
- Justice en transport
- Mobilité durable
- Vélo
- Géomatique appliquée aux études urbaines

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-POLSTAR)
 - 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)

Myriam.Lemelin@USherbrooke.ca

- 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_sociedades-territories@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 :

Maxime Boivin, PhD (UQAR & ENS-Lyon)

Géographie physique

Hydrogéomorphologie

Écogéomorphologie

Restauration des rivières

Relation habitat du poisson et hydrogéomorphologie

Risques naturels

Marie Fall, PhD (Montréal)

Adresse électronique :

maxime2_boivin@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)

marie_fall@uqac.ca

Géographie urbaine et régionale

Aménagement et développement territorial

Villes petites et moyennes en milieu périphérique ou nordique

Formes urbaines et développement durable

mgsimard@uqac.ca

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 :

Mario Bédard

Épistémologie
Géographie culturelle
Géographie régionale
Paysage
Sens du lieu
Territorialité

Stéphane Bernard

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

Adresse électronique :

bedard.mario@uqam.ca

bernard.stephane@uqam.ca

Paléoclimatologie
Paléohydrologie
Risque hydro et glacier
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 Milieux 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 Milieux tourbeux Reconstitution des écosystèmes anciens	
Daniel Germain	germain.daniel@uqam.ca

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

	Grands projets urbains Planification territoriale Tourisme Urbanisme	
Yann Roche	Asie du Sud-Est Cartographie Environnement Géopolitique du sport Laos Ressources naturelles Sociologie Thaïlande Vieillissement et santé	roche.yann@uqam.ca
Nicole Sanderson	Dynamique du carbone Impact des changements climatiques Milieux tourbeux Reconstitution des écosystèmes anciens Méthodes de datation (Pb210)	Sanderson.nicole@uqam.ca
Catherine Trudelle	Activité conflictuelle Conflits urbains Environnement Études urbaines Géographie humaine Gouvernance locale Humanisation de la ville Sociologie	trudelle.catherine@uqam.ca
Jean-Philippe Waaub	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	Waaub.jean-philippe@uqam.ca

Professeurs associés et substituts :

Taïka Baillargeon	baillargeon.taika@uqam.ca
Mustapha Kebiche	kebiche.mustapha@uqam.ca
Serge Occhietti	occhietti.serge@uqam.ca
Ursule Boyer-Villemaire	boyer-villemaire.ursule@uqam.ca
Michel C. Doré	dore.michel_c@uqam.ca

Dan Lansana Kourouma
 Élisabeth Vallet
 Pham Van Cu

kourouma.dan_lansana@uqam.ca
 vallet.elisabeth@uqam.ca
 pham.van_cu@uqam.ca

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 Léveillée
 Gabriel Magnan
 Biogéographie
 Paléoécologie
 Changements climatiques
 Geneviève Marquis
 Jean-Philippe Martin
 Risques naturels
 Stéphanie Morin
 Andréanne Oigny Bissonnette
 Marie-Michèle Ouellet-Bernier
 Raphaël Pelletier
 François Riendeau
 Alexis Robitaille
 Géomatique
 Géomorphologie
 Karim Samoura
 Guillaume St-Jacques
 Pierre M. Valiquette
 Hussein Wazneh

desroches.marie-eve@uqam.ca
 desirat.maxime@uqam.ca
 dricot.estelle@uqam.ca
 hernandez.salvador-david@uqam.ca
 kebiche.mustapha@uqam.ca

khun.kosal@courrier.uqam.ca

ladouceur.marc-antoine@uqam.ca
 leclerc.frederik@uqam.ca
 lekouch.imad@uqam.ca

leveillee.johanne@uqam.ca
 magnan.gabriel@uqam.ca

marquis.genevieve@uqam.ca
 martin.jean-philippe@uqam.ca

morin.stephanie.2@uqam.ca
 oigny-bissonnette.andreanne@uqam.ca
 ouellet-bernier.marie-michele@uqam.ca
 pelletier.rafael@uqam.ca
 riendeau.francois@uqam.ca
 robitaille.alexis@uqam.ca

samoura.karim@uqam.ca
 st-jacques.guillaume@uqam.ca
 valiquette.pierre_m@uqam.ca
 wazneh.hussein@uqam.ca

Personnel professionnel et technique

Technicien en cartographie :

Mourad Djaballah

djaballah.mourad@uqam.ca

Animateur pédagogique / Coordonnateur des stages :

Hans Asnong

asnong.hans@uqam.ca

Agent de recherche :

Bertrand Touchette

touchette.bertrand@uqam.ca

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 :

Simon Bélanger¹, PhD (Pierre et Marie Curie)

Télédétection environnementale

Amélioration des techniques de télédétection 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)

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)

thomas_buffin-belanger@uqar.ca

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

Université du Québec à Trois-Rivières
Département des sciences de l'environnement
3351, boul. des Forges, Trois-Rivières (Québec) G8Z 4M3
819 376-5011 poste 3346
Site web : www.uqtr.ca/geo

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
Cynthia Morinville, PhD (Toronto)
Economie politique
Géographie environnementale
Études urbaines

Adresse électronique :

Ali.Assani@uqtr.ca
Stephane.Campeau@uqtr.ca
Christophe.Kinnard@uqtr.ca
Denis.Leroux@uqtr.ca
Alexandre.Roy@uqtr.ca
Julie.Ruiz@uqtr.ca
Cynthia.Morinville@uqtr.ca

Chargés d'enseignement :

Pierre-André Bordeleau

Pierre-Andre.Bordeleau@uqtr.ca

Université Laval

Département de géographie – Pavillon Abitibi-Price
 2405, rue de la Terrasse, Québec (Québec), G1V 0A6
 (418) 656-2512 — Télécopieur (418) 656-3960
 Adresse électronique : secretariat@ggr.ulaval.ca
 Site web : <http://www.ggr.ulaval.ca>

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

Changements climatiques

Directrice des programmes de 2^e et 3^e cycles en sciences géographiques

Danièle Bélanger, PhD (Montréal)

Migrations internationales

Démographie sociale

Genre, population et développement

Genre et inégalités sociales

Santé de la reproduction

Najat Bhiry, PhD (Paris)¹

Géomorphologie

Géologie du Quartaire

Paléoécologie végétale

Aléas et risques naturels

Géoarchéologie et paléoenvironnements

Laurent Bourdeau, PhD (UQAM)

Marketing du tourisme

Développement de produits touristiques

Approche expérientielle et attractivité du territoire

Directeur du certificat en tourisme durable

Adresse électronique :

nathalie.barrette@ggr.ulaval.ca

daniele.belanger@ggr.ulaval.ca

najat.bhiry@cen.ulaval.ca

laurent.bourdeau@ggr.ulaval.ca

¹ Directrice (Information sur le département, 1^{er} juillet 2023)

Steve Déry, PhD (Laval)	steve.dery@ggr.ulaval.ca
Asie du Sud-Est	
Géographie rurale	
Géographie de l'environnement	
Géographie économique, Charlevoix,	
Inégalité, marginalité	
Caroline Desbiens, PhD (British Columbia)	caroline.desbiens@ggr.ulaval.ca
Géographie autochtone	
Géographie historique et culturelle, patrimoine,	
Approches participatives et féministes	
Matthew Hatvany, PhD (Maine)	matthew.hatvany@ggr.ulaval.ca
Géographie historique et environnementale	
Directeur des programmes de 1 ^{er} cycle en géographie	
(baccalauréat et certificat en géographie)	
Patrick Lajeunesse, PhD (Laval)	patrick.lajeunesse@ggr.ulaval.ca
Géomorphologie	
Sédimentologie	
Environnements côtiers et marins nordiques	
Quaternaire	
Frédéric Lasserre, PhD (Saint-Étienne)	frederic.lasserre@ggr.ulaval.ca
Géographie politique	
Partage de l'eau	
Asie de l'Est	
Transport et logistique	
Sécurité environnementale	
Martin Lavoie, PhD (Montréal)	martin.lavoie@cen.ulaval.ca
Biogéographie	
Paléoécologie	
Palynologie	
Pascale Marcotte, PhD (UQAM)	pascale.marcotte@ggr.ulaval.ca
Tourisme et culture	
Pratiques et consommation touristiques et culturelles	
Guy Mercier, PhD (Laval)	guy.mercier@ggr.ulaval.ca
Géographie urbaine	
Épistémologie	
Géographie humaine structurale	
Aménagement	
Reinhard Pienitz, PhD (Queen's)	reinhard.pienitz@cen.ulaval.ca
Biogéographie	
Paléoécologie	
Écosystèmes d'eau douce et côtiers nordiques	
Directeur de la maîtrise en biogéosciences de l'environnement	

Martin Simard, PhD (Wisconsin-Madison)
 Biogéographie
 Dendroécologie
 Écologie du paysage

martin.simard@ggr.ulaval.ca

Marie-Hélène Vandersmissen, PhD (Laval)
 Analyse spatiale
 Géographie du transport
 Géographie urbaine
 Méthodes quantitatives
 Vice-doyenne aux études

marie-helene.vandersmissen@ggr.ulaval.ca

Professeurs agrégés :

Dermot Antoniades, PhD (Toronto)
 Biogéographie aquatique
 Qualité de l'eau
 Paléolimnologie et écologie aquatique

dermot.antoniades@cen.ulaval.ca

Etienne Berthold, PhD (INRS UCS)
 Aménagement durable de la ville
 Géographie de la Russie
 Patrimoine urbain

etienne.berthold@ggr.ulaval.ca

Yves Brousseau, PhD (Laval)
 Cartographie
 Système d'information géographique

yves.brousseau@ggr.ulaval.ca

Adèle Garnier, PhD (Macquarie et Leipzig)
 Migration et territoire
 Migration, inégalité et pouvoir
 Géographie politique
 Gouvernance humanitaire

adele.garnier@ggr.ulaval.ca

Nathalie Gravel, PhD (Laval)
 Géographie de l'Amérique latine
 Géographie des espaces mondialisés
 Géographie rurale

nathalie.gravel@ggr.ulaval.ca

Pascale Roy-Léveillée, PhD (Carleton)
 Géomorphologie
 Pergélisol
 Thermokarst

pascale.roy-Leveillee@ggr.ulaval.ca

Professeurs adjoints :

Jean-François Bissonnette, PhD (Toronto)
 Développement durable
 Foresterie sociale
 Agroforesterie
 Foresterie internationale
 Aménagement territorial

jean-francois.bissonnette@ggr.ulaval.ca

Marc-André Bourgault, PhD (UQAM)	marc-andre.bourgault@ggr.ulaval.ca
Géographie des risques naturels liés aux changements climatiques	
Justine Gagnon, PhD (Laval)	justine.gagnon@ggr.ulaval.ca
Géographie culturelle	
Patrimoine et tourisme autochtone	
Cartographie participative	
Géographie de la mémoire	
Directrice du certificat en développement durable	
Émilie Saulnier-Talbot, PhD (Laval)	emilie.saulnier-talbot@ggr.ulaval.ca
Écosystèmes aquatiques	
Paléoécologie	
Géoécologie	
(poste en double rattachement avec le département de biologie)	
Titulaire de la Chaire de recherche sur les écosystèmes côtiers et les activités portuaires, industrielles et maritimes	
Idiatou Bah PhD	idiatou.bah.1@ulaval.ca
Géographie de l'Afrique	

Professeur associé :

Marc St-Hilaire, PhD (Laval)	marc.st-hilaire@ggr.ulaval.ca
Géographie de la population	
Géographie du Québec	
Géographie historique	

Professeur émérite :

Marc St-Hilaire	marc.st-hilaire.2@ulaval.ca
-----------------	-----------------------------

Chargés d'enseignement :

Danielle Cloutier	danielle.cloutier@ggr.ulaval.ca
Guy Dorval	guy.dorval@ggr.ulaval.ca
Michel Savard	michel.savard.6@ulaval.ca

Personnel non enseignant

Administration :

Karine Vaillancourt (secrétaire de gestion)	secretariat@ggr.ulaval.ca
Catherine Berthiaume (agente de gestion des études)	Catherine.Berthiaume@ggr.ulaval.ca
Julie Paquet (technicienne en administration)	administration@ggr.ulaval.ca

Responsables des travaux pratiques et de recherche :

Donald Cayer
Ann Delwaide
Benoît Lalonde

donald.cayer@ggr.ulaval.ca
ann.delwaide@ggr.ulaval.ca
benoit.lalonde@ggr.ulaval.ca

Laboratoire de cartographie :

Louise Marcoux
Sylvie St-Jacques
Karine Tessier

louise.marcoux@ggr.ulaval.ca
sylvie.st-jacques@ggr.ulaval.ca
karine.tessier@ggr.ulaval.ca

Cahiers de géographie du Québec :

Marie-Hélène Vandersmissen (rédactrice)
Karine Vaillancourt (secrétaire à l'édition)

marie-helene.vandersmissen@ggr.ulaval.ca
cahiers_de_geographie@ggr.ulaval.ca

Thomas Chacko, PhD (North Carolina)	Tom.Chacko@ualberta.ca
Robert A. Creaser, PhD (La Trobe, Australia)	Robert.Creaser@ualberta.ca
*Duane G. Froese, PhD (Calgary)	duane.froese@ualberta.ca
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	
Murray K. Gingras, PhD (Alberta)	mgingras@ualberta.ca
Nicholas Harris, PhD (Stanford)	nharris@ualberta.ca
Christopher D. Herd, PhD (New Mexico)	herd@ualberta.ca
Stephen Johnston ¹ , PhD (Alberta)	stjohnst@ualberta.ca
Kurt O. Konhauser, PhD (Western Ontario)	Kurt.Konhauser@ualberta.ca
Lindsey Leighton, PhD (Michigan)	lleighto@ualberta.ca
*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
Karlis Muehlenbachs, PhD (Chicago)	Karlis.Muehlenbachs@ualberta.ca
Graham D. Pearson, PhD (Leeds)	gdpearso@ualberta.ca
David Potter, PhD (Newcastle upon Tyne)	dkpotter@ualberta.ca
Benjamin J. Rostron, PhD (Alberta)	Ben.Rostron@ualberta.ca
*G. Arturo Sanchez-Azofeifa, PhD (New Hampshire)	Arturo.Sanchez@ualberta.ca

¹ Department Chair

* Human Geography, Meteorology, Environmental Sciences, and Planning

Impacts of land use/cover change (LUCC) on biodiversity loss and habitat fragmentation in tropical dry forest environments
 Remote sensing and geographic information systems

Rob Shields, PhD	rshields@ualberta.ca
Thomas Stachel, PhD (Wurzburg)	tstachel@ualberta.ca
*Bruce Sutherland, PhD (Toronto)	bruce.sutherland@ualberta.ca
Atmospheric and oceanic dynamics (Sutherland)	
Martyn Unsworth, PhD (Cambridge)	Martyn.Unsworth@ualberta.ca
John W.F. Waldron, PhD (Edinburgh)	jwaldron@ualberta.ca
John-Paul Zonneveld, PhD (Alberta)	zonneveld@ualberta.ca

Associate Professors:

Daniel Alessi, PhD (Notre Dame)	alessi@ualberta.ca
*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 Kavanagh, 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	
Long Li, PhD (Lehigh)	Long4@ualberta.ca
*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.

Jensen, Britta Josephine Lund, PhD (UAlberta) bjjensen@ualberta.ca

Quaternary time-scales

Tephrochronology

Birchall, Stephen Jeffrey, PhD (U of Canterbury, NZ) jeff.birchall@ualberta.ca

Coastal community climate resilience

Lecumberri-Sanchez, Pilar, PhD (Virginia Tech) lecularber@ualberta.ca

Mineral Deposit Geochemistry

Steele-MacInnis, Matthew, PhD (Virginia Tech) steelema@ualberta.ca

Properties and roles of fluids in Earth's interior

Grise, Emily A, PhD egrise@ualberta.ca

Transport planning

Faculty Service Officers:

*Anita Dey Nuttall anita.deynuttall@ualberta.ca

International relations

Antarctica and Nordic geopolitics

Science and policy

Alison Criscitiello

S. Andrew DuFrane dufrane@ualberta.ca

Andrew Locock alcock@ualberta.ca

*Robert Summers robert.summers@ualberta.ca

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

Richard Stern rstern@ualberta.ca

Sarah Woodland swoodlan@ualberta.ca

University of Alberta, Augustana Campus

4901– 46 Avenue, Camrose, AB T4V 2R3

(780) 679-1574 or (800) 661-8714 — Fax (780) 679-1590

Website:<https://www.ualberta.ca/augustana/programs/degree/environmental/index.html>

Department Offers

Environmental Science major, Sustainability Studies major (with geography contributions)

Faculty

Professors:

Glynnis Hood, PhD (Alberta)	<i>Email Address:</i>
Aquatic ecology	ghood@ualberta.ca
Wildlife ecology and management	
Human wildlife conflict	
Glen Hvenegaard, PhD (Victoria)	glen.hvenegaard@ualberta.ca
Biogeography and conservation of birds	
Park interpretation and environmental education	
Park and wildlife tourism	
Environmental history	
Gregory King, PhD (Bern)	gking@ualberta.ca
Dendrochronology	
Biogeography	
Forest disturbance ecology	
Urban forests	

Adjunct Professors:

Scott Heckbert, PhD (Melbourne)	<i>Email Address:</i>
Environmental modelling	sheckber@ualberta.ca
Natural resource management	
GIS	
Environmental monitoring	
Dee Patriquin, PhD (Alberta)	<i>Email Address:</i>
Environmental policy and governance	dee.patriquin@ualberta.ca
Natural resource management	
GIS and remote sensing	
John Pattison-Williams, PhD (Greenwich)	<i>Email Address:</i>
Wetland valuation	johnp@ualberta.ca
Natural resource management	
Rural development	

University of British Columbia

Department of Geography

Room 217 – 1984 West Mall, Vancouver, BC V6T 1Z2

(604) 822-2663 — Fax (604) 822-6150

Email: head@geog.ubc.ca

Website: <http://www.geog.ubc.ca>

Department Offers

BA, BSc, MA, MSc, PhD

Faculty

Emeriti:

Michael J. Bovis, PhD (Colorado)
Michael A. Church, PhD (British Columbia)
Richard E. Copley, MA (UC, Berkeley)
Ken G. Denike, PhD (Pennsylvania)
David W. Edgington, PhD (Monash)
Derek J. Gregory, PhD (Cambridge)
Greg H.R. Henry, PhD (Toronto)
Dan J. Hiebert, PhD (Toronto)
Brian Klinkenberg, PhD (Western Ontario)
David F. Ley, PhD (Pennsylvania State)
David M. McClung, PhD (Washington)
Terry G. McGee, PhD (Wellington)
Ian G. McKendry, PhD (Canterbury)
R. Dan Moore, PhD (Canterbury)
Margaret E.A. North, MA (Kansas)
Robert N. North, PhD (British Columbia)
Timothy R. Oke, PhD (McMaster)
Alf H. Siemens, PhD (Wisconsin)
H. Olav Slaymaker, PhD (Cambridge)
Graeme Wynn, PhD (Toronto)

Email Address:

michael.bovis@geog.ubc.ca
michael.church@geog.ubc.ca
richard.copley@geog.ubc.ca
ken.denike@geog.ubc.ca
david.edgington@geog.ubc.ca
derek.gregory@geog.ubc.ca
greg.henry@geog.ubc.ca
dan.hiebert@geog.ubc.ca
brian.klinkenberg@geog.ubc.ca
david.ley@geog.ubc.ca
dave.mcclung@geog.ubc.ca
terry.mcgee@geog.ubc.ca
ian.mckendry@geog.ubc.ca
dan.moore@geog.ubc.ca
margaret.north@geog.ubc.ca
robert.north@geog.ubc.ca
tim.oke@geog.ubc.ca
alf.siemens@geog.ubc.ca
olav.slaymaker@geog.ubc.ca
graeme.wynn@geog.ubc.ca

Professors:

Trevor J. Barnes, PhD (Minnesota)

The Vancouver economy

Dictatorships and universities

Life and works of Bill Bunge

Post-War history of Anglo-American human geography

Simon D. Donner, PhD (Wisconsin)

Climate change adaptation in the developing world

Climate change science

Public engagement

Brett C. Eaton, PhD (British Columbia)

trevor.barnes@geog.ubc.ca

simon.donner@geog.ubc.ca

brett.eaton@geog.ubc.ca

Alluvial channel dynamics	
Impacts of hydropower on fluvial processes and aquatic habitat	
Long term effects of forest fire on stream channel morphology	
Modeling fluvial systems	
Matthew D. Evenden, PhD (York)	matthew.evenden@geog.ubc.ca
Environmental history and historical geography	
War and environment	
Water and energy history	
James F. Glassman, PhD (Minnesota)	jim.glassman@geog.ubc.ca
Development geography of Pacific Rim Asia	
Geo-political economy of development	
Urbanization and industrialization in developing countries	
Marwan Hassan, PhD (Jerusalem)	marwan.hassan@geog.ubc.ca
Biophysical interactions in gravel bed streams	
Fluvial transport of sediment	
Scaling relations in watershed geomorphology	
Urban hydrology and urban streams	
Michèle N. Koppes, PhD (Washington)	michele.koppes@geog.ubc.ca
Glacial geomorphology	
Glaciology	
Ice-ocean interactions	
Paleoclimate reconstructions	
Quaternary geomorphology	
Merje Kuus, PhD (Syracuse)	merje.kuus@geog.ubc.ca
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	
Jamie Peck, PhD (Manchester)	jamie.peck@geog.ubc.ca
Economic geography	
Economic governance	
Labour geography	
Neoliberalism	
State restructuring	
Urban and regional political economy	
Geraldine J. Pratt ¹ , PhD (British Columbia)	gpratt@geog.ubc.ca
Feminist geography	
Performance, space and politics	
Precarious labour	
Dementia care	
Migrant workers	

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

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
Capitalist natures	
Environmental politics	
Green finance	
Political ecologies of biodiversity conservation	
Peter James Hudson, PhD (New York)	peter.hudson@ubc.ca
Pan-Africanism, Black radicalism, anti-imperialism	
Political economy, capitalism, imperialism	
Archives, historiography, and historical methodologies	
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. Wittig McPhee, PhD (Dublin) siobhan.mcphee@geog.ubc.ca
Spatial digital storytelling and spatializing empathy through digital innovation
Digital innovation and land-based learning
Blended teaching and learning in striving for accessible universities
Public scholarship in SoTL research

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
Social determinants of health
Michael Fabris, MA (UBC) mike.fabris@ubc.ca
Indigenous Geographies
Geographies of Settler Colonialism
Urban Indigeneity
Avery R. Everhart avery.everhart@ubc.ca
Health & medical geography
Critical GIS and critical data studies
Intersectionality
Transgender studies
Priti Narayan, PhD (Rutgers) priti.narayan@ubc.ca
Urban inequality
Social movements
Feminist, activist, public scholarship
Naomi B. Schwartz, PhD (Columbia) naomi.schwartz@ubc.ca
Remote sensing of disturbance and land use change
Global change impacts in tropical forests

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:

John Paul Catungal, PhD (Toronto) catungal@mail.ubc.ca
Tara Cookson, PhD (Cambridge) tcookson@mail.ubc.ca
Nicholas Coops, PhD (Melbourne) nicholas.coops@ubc.ca
Glen Coulthard, PhD (Victoria) glen.coulthard@ubc.ca
Lori D. Daniels, PhD (Colorado) lori.daniels@ubc.ca
Leila Harris, PhD (Minnesota) lharris@ires.ubc.ca
Minelle Mahtani, PhD (University College London) minelle.mathani@ubc.ca
Kavita Philip, PhD (Madras University) kavita.philip@ubc.ca

Adjunct Professors:

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

Affiliates:

David Clements

Post-Doctoral Fellows:

David Adams, Dimitar Anquelov, Conor McDowell, Scott Nordstrom, June Skeeter

University of British Columbia, Okanagan Campus

Geography Program

3333 University Way, Kelowna, BC V1V 1V7

(250) 807-9337 – Fax (250) 807-8001

Websites: <http://ccgs.ok.ubc.ca/prospective/undergrad/geography.html>
<https://eegs.ok.ubc.ca/undergraduate/geography/>

Department Offers

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

Faculty¹

Professor Emeritus: *Email Address:*

Bernard Bauer, PhD (Johns Hopkins) bernard.bauer@ubc.ca

Process geomorphology (coastal, aeolian, and fluvial)

Physical geography

Hydrology

Miriam Grant, PhD (Queen's) miriam.grant@ubc.ca

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

Ian Saunders, PhD (Simon Fraser) ian.saunders@ubc.ca

Glaciers and climate change

Physical geography of mountain environments

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:

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

¹ Faculty information as of September 1, 2023

Jon Corbett, PhD (Victoria)	jon.corbett@ubc.ca
Cartography and society	
Community based resource management	
Community based research	
Social networking technologies	
Lael Parrott, 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	
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:

Adeniyi Asiyanbi, PhD (King's College London/ KCL)	a.asiyanbi@ubc.ca
Political Ecology	
Conservation and Development	
Forest-based climate change mitigation	
Wildfires	

Mathieu Bourbonnais, PhD (Victoria)	mathieu.bourbonnais@ubc.ca
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	
Onyx Sloan-Morgan (Queens)	onyx.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:

Trudy Kavanagh, PhD (Western Ontario)	trudy.kavanagh@ubc.ca
Biogeography, Environmental Science	

Lecturers:

Mary Stockdale, PhD (Oxford)	mary.stockdale@ubc.ca
Catherine Kyle, PhD (UBC)	catherine.kyle@ubc.ca

University of Calgary
Department of Geography
2500 University Drive NW, Calgary, AB T2N 1N4
(403) 220-5584 — Fax (403) 282-6561
Website: <https://arts.ucalgary.ca/geography>

Department Offers:

BA Geography, BSc Geography, BA Urban Studies, CGIT (Graduate Certificate in Geospatial Information Technology), MA, MGIS, MSc, PhD

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)

Email Address:

draper@ucalgary.ca
coulson@ucalgary.ca
wdavies@ucalgary.ca
mgiovine@ucalgary.ca
gonzalez@ucalgary.ca
harriss@ucalgary.ca
herrem@ucalgary.ca
nkemdiri@ucalgary.ca
rosenval@ucalgary.ca
nwaters@ucalgary.ca

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	
Chris Hugenholtz (Calgary)	chhugen@ucalgary.ca
Earth Science	
Climate change	
Shawn Marshall, PhD (British Columbia)	marshals@ucalgary.ca
Climate change	
Climatology	
Glaciology	
Paleoclimate	
Arctic and mountain regions	
Yvonne Martin, PhD (British Columbia)	ymartin@ucalgary.ca
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

Adjuncts:

Denise Fay Brown, PhD (California)

dfbrown@ucalgary.ca

Guillermo Castilla, PhD (Madrid)

gcastill@ucalgary.ca

Simon Evans, PhD (Calgary)

evanss@ucalgary.ca

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

University of the Fraser Valley

Department of Geoscience and
Department of Planning, Geography & Environmental Studies
33844 King Road, Abbotsford, BC V2S 7M8
(604) 504-7441 ext. 4568
Websites: <http://www.ufv.ca/geo>
<http://www.ufv.ca/pg.es>

Departments Offer

Two departments at UFV, the Department of Geoscience and the Department of Planning, Geography & Environmental Studies offer several programs that support geography. The Department of Geoscience offers the BSc in Physical Geography program with major, minor and honours credentials, and the Certificate in Geographic Information Systems program. The Department of Planning, Geography & Environmental Studies offers the Bachelor in Community and Regional Planning program, the Bachelor of Arts in Geography program with major, extended minor, minor and honours credentials, the Bachelor of Environmental Studies program including a minor credential, and the Bachelor of Environmental Studies - Natural Science programs.

Faculty

Emeritus Faculty:

John Belec, PhD (Queens)
Urban studies, Housing
Cross-border regions
David Gibson, MA (UC Davis)
Cultural geography
Mexico

Email Address:

john.belec@ufv.ca
david.gibson@ufv.ca

Faculty:

Carolyn Atkins, MSc (Saskatchewan)	<i>carolyn.atkins@ufv.ca</i>
Physical geography	
Geomorphology	
Cherie Enns, RPP, PhD (Tanzania)	<i>cherie.enns@ufv.ca</i>
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)	<i>j.hughes@ufv.ca</i>
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	
Environmental studies	
Steven Marsh, MSc (Regina)	steven.marsh@ufv.ca
Climate Change	
Water chemistry	
Environmental science	
Lenore Newman, PhD (York)	lenore.newman@ufv.ca
Agricultural land use	
Agricultural technology	
Global food systems	
Kathy Peet, BSc (UNBC)	kathy.peet@ufv.ca
Physical geography	
Stefania Pizzirani, PhD (Massey)	stefania.pizzirani@ufv.ca
Environmental resource management	
Community forestry	
Indigenous research	
Life cycle sustainability assessment	
Afia Raja, PhD (Texas A&M)	afia.raja@ufv.ca
Urban planning	
Geographic information systems	
Sustainable transportation	
Michelle Rhodes, PhD (Simon Fraser)	michelle.rhodes@ufv.ca
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	

Limited Term Faculty:

Jennifer Heatherington, MRM (Simon Fraser)	jennifer.hetherington@ufv.ca
Integrated Resource Management	
Sustainable tourism	
Regional and community planning	
Human and physical environments	
Talha Qadri, PhD (Brunei)	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:

Alex Awiti, PhD (Nairobi)	alex.awiti@aku.edu
Ecosystem ecology	
Infrastructure planning	
Lionel Pandolfo, PhD (Yale)	lionel.pandolfo@ufv.ca
Synoptic climatology	
Climate variability	
Climate modeling	
Bernhard Puecker-Ehrenbrink, PhD (Max Planck)	bpeucker@whoi.edu
Global rivers	
Geochemistry	
Dave Schaepe, PhD (UBC)	dave.schaepe@stolonation.bc.ca
Stó:lō archaeology and anthropology	
Cultural heritage, policy, and tourism	

University of Guelph
Department of Geography, Environment & Geomatics
Guelph, ON, N1G 2W1
(519) 824-4120, ext. 56719 — Fax (519) 837-2940
Email: geogundg@uoguelph.ca
Website: <http://www.uoguelph.ca/geography>

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)

Email Address:

gbloomfi@uoguelph.ca
fdahms@uoguelph.ca
rdarnott@uoguelph.ca
ajoseph@uoguelph.ca

reidk@uoguelph.ca
kmiyanis@uoguelph.ca
mmoss@uoguelph.ca
nickling@uoguelph.ca
bsmit@uoguelph.ca
kctan@uoguelph.ca
jsmither@uoguelph.ca

Professors:

Aaron Berg, PhD (California-Irvine)
Hydrology and remote sensing
Spatial scaling of hydrologic features

aberg@uoguelph.ca

Evan Fraser, PhD (British Columbia)
Food security, climate change and economic globalization
The history of food crises and food riots

frasere@uoguelph.ca

John Lindsay, PhD (Western Ontario)
Applications of geospatial analysis to study
biophysical processes and the development of open-source GIS

jlindsay@uoguelph.ca

Robin Roth, PhD (Clark)
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:

Ben Bradshaw, PhD (Guelph)	bbradsha@uoguelph.ca
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)	rjhawkins@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:

Karina Benessaiah, PhD (Arizona State)	kbenessa@uoguelph.ca
Human Dimensions of Global Environmental Change.	
Ben DeVries, PhD (Wageningen)	bdv@uoguelph.ca
Remote sensing of ecosystem change	
Disaster mapping, risk and response	
Diana Lewis, PhD (Dalhousie)	diana.lewis@uoguelph.ca
Indigenous health, environment, risk assessment, environmental impact assessment	
Indigenous methodology	
Eric Nost, PhD (Wisconsin-Madison)	enost@uoguelph.ca
Political ecology	
Digital governance	
Webmapping and GIS	
Conservation and environmental policy, markets, and justice	
Anna Stanley, PhD (Guelph)	asta@uoguelph.ca
Indigenous environmental justice	
Canadian environmental policy & resource governance	
Settler colonialism and resource governance	

University of Lethbridge
Department of Geography and Environment
4401 University Drive West, Lethbridge, AB T1K 3M4
(403) 329-2225 — Fax (403) 329-2016
Email: geography@uleth.ca
Website: <http://www.uleth.ca/artsci/geography>

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)
Karl Staenz, PhD (Switzerland)

Email Address:

aufrecht@uleth.ca
barendregt@uleth.ca
maclachlan@uleth.ca
rjrogerson@gmx.com
karl.staenz@uleth.ca

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 Coburn¹ 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

¹ Chair (Faculty information as of August 24, 2023)

Snowpack trends in the Canadian Rockies

Statistical and numerical ice sheet and glacier system analysis

Rocksides 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

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

Dena McMarn PhD (USask)

dena.mcmartin@uleth.ca

Impacts of and Vulnerabilities to Climate Extremes on Rural Water Quality and Quantity

Water Scarcity and Access Challenges

Oilsands Impacts on Water Quality: Characterization and Treatment

Modular and Chemical-Free Water Treatment Design

Agricultural Water Needs & Impacts

Applied Analytical Chemistry for Ignitable Liquid Residues, Wildfire, and Air Quality

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)

towni0@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

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

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:

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:

Adjunct Faculty:

Remote Sensing	
Kevin, Devito, PhD (York)	kevin.devito@ualberta.ca
Watershed Ecosystems/Hydrology	
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	
Craig Mahoney, PhD (Swansea)	craig.mahoney@gov.ab.ca
Wetlands, LiDAR and GIS	
Ross McKenzie, PhD (Saskatchewan)	rossmckenzie@shaw.ca
Soils and Irrigated Agriculture	

University of Manitoba

Department of Environment and Geography
220 Sinnott Building, 70A Dysart Road, Winnipeg, MB R3T 2M6

(204) 474-9667 • Fax (204) 474-7699

Email: Environment_Geography@umanitoba.ca

Website:

<http://www.umanitoba.ca/faculties/environment/departments/geography>

Department Offers

MA, MSc, PhD, MEnv

Faculty

Professors:

Mark Hanson^{*1}, PhD (Guelph)

Ecotoxicology

Freshwater ecosystems

Michael Campbell, PhD (Waterloo)

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)

Climate change

Arctic ice

Sea levels

John Hanesiak, PhD (Manitoba)

Extreme/severe weather & storms

Climate change effects on storms

Surface-atmosphere interactions

Stephane McLachlan, PhD (York)

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

Email Address:

Mark.Hanson@umanitoba.ca

Michael.Campbell@umanitoba.ca

Dorthe.Dahl-Jensen@umanitoba.ca

John.Hanesiak@umanitoba.ca

Stephane.Mclachlan@umanitoba.ca

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 Stroeve ¹ , 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.	
Bruce Erickson, PhD (York)	Bruce.Erickson@umanitoba.ca
Cultural Geography of Nature and Outdoor Recreation	
Political Geography of Eco-Tourism	
Race, Tourism and Nature	
The Anthropocene, Race and Contemporary Environmentalism	
Critical perspectives on canoeing in Canada	
Canada	

Assistant Professor:

Eric Collins, PhD (Washington)	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	

³ Canada Research Chair (Tier 2)

David Walker, PhD (Manitoba) David.Walker@umanitoba.ca
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)	Lisa.Ford@umanitoba.ca
First year undergraduate teaching in Geography	
Natural Hazards and Social Vulnerabilities to Hazards	
Population Geography and the Geography of Health	
John Iacozza, PhD (Manitoba)	John.Iacozza@umanitoba.ca
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	
Johny Stephen, PhD (Amsterdam)	Johny.Stephen@umanitoba.ca
Issues and challenges in water management	
Janna Wilson, PhD (Manitoba)	Janna.Wilson@umanitoba.ca
First year undergraduate teaching in Geography	
Geography of Canada	
Geography of Canadian Prairie Landscapes	
Geography of United States	
Geomorphology	

Senior Scholars:

Geoffrey Smith, PhD (McMaster) Geoffrey.Smith@umanitoba.ca
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

Distinguished Professor Emeritus:

University of Northern British Columbia

Department of Geography, Earth and Environmental Sciences

3333 University Way, Prince George, BC V2N 4Z9

Phone 250.960.5832 — Fax 250.960.6533

Email: geography@unbc.ca

environmental.science@unbc.ca

Website: www.unbc.ca/department-geography-earth-and-environmental-sciences

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 Dery, 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, 2023)

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) ping.bai@unbc.ca

Christine Jackson, BSc (UBC), BEd (Western Ontario) chris.jackson@unbc.ca

Matt McLean, BSc (UNBC) matt.mclean@unbc.ca

Adjunct Faculty:

Nikhil Aravindakshan, Matthew Beedle, Bill Floyd, Gail Fondahl, Nikolaus Gantner, Sarah de Leeuw, Anthony Jjumba, Sean Markey, Marleen Morris, Peter Reiners, John Rex, Grahame Russell, Michael Rutherford, Corinne Schiller, and Ronald Stewart

Associated Faculty:

Margot Parkes

University of Ottawa / Université d'Ottawa

Department of Geography, Environment and Geomatics /
Département de géographie, environnement et géomatique
60 University Private, Ottawa, ON K1N 6N5
(613) 562-5725 – Télécopieur / Fax (613) 562-5145
Courrier électronique / Email: gegsec@uottawa.ca
Site Web / Website: <https://arts.uottawa.ca/geography>

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) 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	mbrossea@uottawa.ca
Huhua Cao, PhD (Laval) 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)	caohuhua@uottawa.ca
Luke Copland, PhD (Alberta) 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)	luke.copland@uottawa.ca
Eric Crighton, PhD (McMaster) Health Geography Socioeconomic and environmental determinants of health Environmental risk perception and behaviours Environmental health education	eric.crighton@uottawa.ca

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) alewkowi@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
(306) 585-4222 — Fax (306) 585-4815
Website: <https://www.uregina.ca/arts/geography/>

Department Offers

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

Faculty

Professors Emeriti:

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

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

Email Address:

Alexander.Paul@uregina.ca

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 Eaton², 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

David.Sauchyn@uregina.ca

¹ Luther College

² Head (Faculty information as of August 1, 2023)

Climatic change of the past millennium
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 Siemer, Dr. rer. nat. (Potsdam)	Julia.Siemer@uregina.ca
Analysis and mapping of food accessibility Population mapping GIS and geovisualization Thematic cartography	

Instructor:

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

Adjunct Professor:

Bernard Thraves, PhD (Manitoba)	Bernard.Thraves@uregina.ca
Population Geography Urban Geography Geography of Saskatchewan Geography of the Caribbean	
Samantha Kerr, PhD (Regina)	Samantha.Kerr@uregina.ca
Paleoclimatology Paleo-proxies Hydroclimatic variability Environmental modelling	

University of Saskatchewan

Department of Geography and Planning
117 Science Place, Saskatoon SK S7N 5C8

(306) 966-5654 — Fax (306) 966-5680

Email: geography.planning@usask.ca

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) Archibald, PhD (Simon Fraser)
Dirk H. de Boer, PhD (Alberta)
Robert M. (Bob) Bone, PhD (Nebraska)
Lawrence W. Martz, PhD (Saskatchewan)

Email Address:

w.archibald@usask.ca
dirk.deboer@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

Jill Blakley¹, 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

¹ Interim Vice Dean, Faculty Relations, College of Arts and Science til June 30 2024

Xulin Guo ² , 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. Noble ³ , 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	
Robert Patrick, PhD (Guelph)	robert.patrick@usask.ca
Indigenous planning	
Integrated watershed planning and management	
Drinking water source protection and management	
Source water protection	
John W. Pomeroy ⁴ , 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:

Paul Hackett, PhD (Manitoba)	paul.hackett@usask.ca
Diabetes in First Nations populations	
Health geography	
History of Aboriginal health	
Intimate Partner Violence	
Tuberculosis	
Corinne Schuster-Wallace ⁵ , PhD (Wilfrid Laurier)	cschuster.wallace@usask.ca
Water and human health	

² Department Head³ Vice Dean, Research, Scholarly and Artistic Work, College of Arts and Science⁴ Distinguished Professor, Canada Research Chair, Director, Centre for Hydrology, Director, Global Water Futures Initiative⁵ Executive Director, Global Institute for Water Security, starting September 1 2023

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
Martyn Clark, PhD (Colorado)	martyn.clark@usask.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 Wilmhurst, 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
3359 Mississauga Road, William Davis Building,
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:

	<i>Email Address:</i>
Ronald Buliung, PhD (McMaster) Geographies of Disability and Ableism Disability Policy and Planning Transport Geography Childrens' Geographies	ron.buliung@utoronto.ca
Tenley Conway, PhD (Rutgers) Human-environment interactions Urban forests, Urban ecosystems Land use/land cover change	tenley.conway@utoronto.ca
Yuhong He, PhD (Saskatchewan) Environmental remote sensing Vegetation stress detection with multi-source remote sensing Endangered and invasive species monitoring	yuhong.he@utoronto.ca
Andrea Olive, PhD (Purdue) Environmental policy Species at risk and biodiversity Canada-US environmental governance Natural resource extraction Private land and landowners	andrea.olive@utoronto.ca
Alan Walks, PhD (Toronto) The politics of automobility Geography of housing and homelessness New neighbourhood forms: gated communities and the new urbanism	alan.walks@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

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:

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	
Laura Brown ² , 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	
Vincent Kuuire, PhD (Western)	vincent.kuuire@utoronto.ca
Migration	
Transnationalism and integration	
Population health	
Environment and health	
Sub-Saharan Africa	
Igor Lehnher, PhD (Alberta)	igor.lehnher@utoronto.ca
Environmental contaminants (mercury, perfluoroalkyl substances, etc.)	

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

Climate change impacts in Northern/Arctic watersheds
Nutrient and carbon cycling
Aquatic biogeochemistry

Trevor Porter, PhD (Carleton)
Dendrochronology
Paleoclimatology
Stable water isotopes
Northern Canada

trevor.porter@utoronto.ca

Assistant Professors, Tenure Stream:

Praneeta Mudaliar, PhD (Ohio State)
Human-environment interactions
Commons and collective action
Climate justice
Decolonizing Conservation

Jue Wang, PhD (Illinois)
GIScience and geovisualization
Big data and spatiotemporal analysis
Environmental health and health geography
Transportation and human mobility

praneeta.mudaliar@utoronto.ca

gis.wang@utoronto.ca

Associate Professors, Teaching Stream:

Monika Havelka, PhD (Western Ontario)
Restoration ecology
Ecosystem Services
Urban ecology
Environmental education

Nicole Laliberte, PhD (Pennsylvania State)
Anti-oppression pedagogies
Critical human rights
Feminist geopolitics

Joseph Leydon, PhD (Toronto)
Pedagogy
Geography of retail and marketing

monika.havelka@utoronto.ca

nicole.laliberate@utoronto.ca

joseph.leydon@utoronto.ca

Assistant Professor, Teaching Stream:

Tingting Zhu, PhD (Toronto)
Spatial data science
Environmental Remote Sensing
Ecosystems and environment change
Mineral, microbial and ecological engineering

tingting.zhu@utoronto.ca

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

University of Toronto Scarborough

Department of Human Geography

1265 Military Trail, Toronto, ON M1C 1A4

(416) 208-2898 — Fax (416) 287-7283

Email: sueann.hicks@utoronto.ca

Website: <http://www.utsc.utoronto.ca/~geography/>

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:

Mark Hunter, PhD (UC Berkeley)

AIDS in South Africa

Education and class

Geographies of health inequality

Geographies of sexuality

South African political economy

Thembela Kepe, PhD (Western Cape)

Email Address:

mark.hunter@utoronto.ca

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 Narayananareddy, PhD (Minnesota) rajyashree.narayananareddy@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	

University of Toronto (St. George)

Department of Geography and Planning
100 St. George Street, Toronto, ON M5S 3G3
(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, G. Gracie, UTSC, B. Greenwood, UTSC, A.P. Grima, UTM, R. Jaakson, UTM, R. Lewis, UTSG , J. Miron, UTSC, S. Munro, UTM, T. McIlwraith, UTM, V. McLaren, UTSG, T. Price, UTSC, E. Relph, UTSC, S.T. Rowes, S. Ruddick, UTSG, A. Waterhouse, UTSG

Professors:

George B. Arhonditsis, PhD (Aegean), UTSC

Ronald Buliung⁴, PhD (McMaster), UTM

Karen Chapple, PhD (UC Berkeley), UTSG

Economic Geography, GIS, Spatial Analysis & Modelling,
Policy & Planning and Urban

Jing Chen, PhD (Reading), FRSC, UTSG

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

Email Address:

georgea@utsc.utoronto.ca

ron.buliung@utoronto.ca

karen.chapple@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

Nested global inversion for North America carbon budgets

Tenley Conway, PhD (Rutgers), UTM	tenley.conway@utoronto.ca
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 He ⁵ , 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	
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 Kepe ⁶ , 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	
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	
Beverley Mullings, PhD (McGill), UTSG	beverley.mullings@utoronto.ca
Culture & History, Economic Geography,	
Social & Political Geography, Urban	
Andrea Olive, PhD (Purdue), UTM	andrea.olive@utoronto.ca
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	
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
Imre Szeman, PhD (Duke), UTSC	imre.szeman@utoronto.ca

⁵ Chair, Department of Geography, UTM⁶ Chair, Department of Human Geography, UTSC

Sarah Wakefield, PhD (McMaster), UTSG sarah.wakefield@utoronto.ca
Community development and neighbourhood change
Community-engaged scholarship
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 Abizaïd, PhD (McGill), UTSG	christian.abizaïd@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	aland@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 DiFrancesco, 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	nicolette.klenk@utoronto.ca
Igor Lehnher, PhD (Alberta), UTM	igor.lehnher@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 Narayananareddy, PhD (Minnesota), UTSC	rreddy@utsc.utoronto.ca
Natalie Oswin, PhD (British Columbia), UTSC	natalie.oswin@utoronto.ca
Trevor Porter, PhD (Carleton), UTM	trevor.porter@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 ⁷ , 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
Hulya Arik, PhD (York), UTSC	hulya.arik@utoronto.ca
Laurel Besco, PhD (Ottawa), UTM	laurel.besco@utoronto.ca
Michelle Daigle, PhD (Washington), UTSG	m.daigle@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
Nicole Latulippe, PhD (Toronto), UTSC	nicole.latulippe@utoronto.ca
Damian Maddalena, PhD (North Carolina), UTM	damian.maddalena@utoronto.ca
Julie Mah, PhD (Toronto), UTSC	julie.mah@utoronto.ca
Praneeta Mudaliar, PhD (Ohio), UTM	praneeta.mudaliar@utoronto.ca
Lindsey Smith, PhD (Cambridge), UTSG	lindsey.smith@utoronto.ca
GIS, Social & Political Geography, Urban	
Jason Spicer, PhD (MIT), UTSG	jason.spicer@utoronto.ca
Community economic development strategy and planning	

⁷ Chair, Department of Geography and Planning, UTSG

Cooperatively owned businesses in promotion of economic development at the urban scale

Lindsay Stephens, PhD (Toronto), UTSG lindsay.stephens@utoronto.ca
Nidhi Subramanyam, PhD (Cornell), UTSG nidhi.subramanyam@utoronto.ca
Environment & Climate, Policy & Planning
Social & Political Geography, Urban
Jue Wang, PhD (Illinois Urbana-Champaign), UTM gis.wang@utoronto.ca

Assistant Professors, Teaching Stream:

Karim Malik, PhD (Wilfrid Laurier), UTSG
Sarah Peirce, PhD (Western Ontario), UTSG
Tingting Zhu, PhD (Toronto), UTM
karim.malik@utoronto.ca
s.peirce@utoronto.ca
tingting.zhu@utoronto.ca

Adjunct Faculty:

J. Berridge, UTSG, P. Campsie, UTSG, R. Dowler, UTSG, J. Farrow, UTSG, J. McLaughlin UTSG, P. Zimmerman, UTSG

Sessional II Instructors:

D. Dupuy, UTSG, J. Farrow, UTSG, R. Phillips, UTSG, R. Verma, UTSG

Sessional III Instructors:

K. Larsen, UTSG

University of Victoria
Department of Geography
Box 1700, Victoria, BC V8W 2Y2
(250) 721-7326 — Fax (250) 721-6216
Email: geography@uvic.ca
Website: <http://www.uvic.ca/socialsciences/geography/>

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

<i>Professor:</i>	<i>Email Address:</i>
David Atkinson ¹ , PhD (Ottawa) Alpine icefield responses to weather Synoptic climatology Northern Indigenous perspectives on weather Weather system impacts of coastal regions	datkinso@uvic.ca
Denise Cloutier, PhD (Guelph) Healthy aging Continuum of care Mixed methods Housing insecurity Housing, transportation, and services Community-engaged research	dcloutier@uvic.ca
Maycira Costa, PhD (Victoria) Biophysical remote sensing of freshwater, coastal waters, and nearshore habitats Water optics Biophysical remote sensing of wetlands	maycira@uvic.ca
Chris Darimont, PhD (Victoria) Conservation ethics Ecosystem-based harvest management Indigenous geographies Marine-terrestrial interactions Wildlife ecology	darimont@uvic.ca

¹ Department Chair

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:

Christopher Bone, PhD (Simon Fraser)	chrisbone@uvic.ca
Geographic information systems	
Spatial analysis and modelling	
Coupled human and natural systems	
Forest disturbances	
Christina Hoicka, PhD (Waterloo)	cehoicka@uvic.ca
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	

Kristian Dubrawski, PhD (British Columbia)	kdubrawski@uvic.ca
Water Community Nature-based solutions Techno-ecological synergy	
Eva Kwoll, PhD (Bremen, Germany)	ekwoll@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:

Teresa Dawson, MA (Oxford), MA (McMaster)	tdawson@uvic.ca
Human and social geography Feminist geography Geographies of intimate partner violence History of geography Geography pedagogy and professional development	
Ian O'Connell, PhD (Victoria)	ianoc@uvic.ca
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:

CindyAnn Rose-Redwood, PhD (Penn State)	cindyann@uvic.ca
Urban social geography Global migration Race and ethnicity	

Geographies of international students
Caribbean studies

Assistant Teaching Professor:

Shannon Fargey, PhD (Manitoba) fargey@uvic.ca
Physical geography and geomatics
Field school learning
Mountain meteorology

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
Matthew Asplin, PhD (Uvic), 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

University of Waterloo

Department of Geography and Environmental Management
Waterloo, ON N2L 3G1
(519) 888-4567, ext. 42433

Website: <https://uwaterloo.ca/geography-environmental-management/>

Department Offers

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

Faculty

<i>Professors:</i>	<i>Email Address:</i>
Sarah Burch, PhD (British Columbia) Landscape visualizations Participatory planning in communities Social-ecological systems Sustainability entrepreneurship ; Sustainability policy Urban climate change governance	sarah.burch@uwaterloo.ca
Claude Duguay, PhD (Waterloo) Climate impacts on the cryosphere Climate-lake interactions Numerical modelling and remote sensing of lake ice	crduguay@uwaterloo.ca
Susan Elliott, PhD (McMaster) Medical geography Environment and health Global health Philosophies of science	elliotts@uwaterloo.ca
Helen Jarvie, PhD (Reading) River-system biogeochemistry Nutrient (phosphorus, P, and nitrogen, N) cycling, eutrophication Water quality, from watershed to global perspectives	hjarvie@uwaterloo.ca
Richard Kelly, PhD (Bristol) Global change of the cryosphere Remote sensing of global snow water equivalent from passive microwave measurements	rejkelly@uwaterloo.ca
Jonathan Li, PhD (Cape Town) Mobile laser scanning for 3D object extraction Urban modelling using remote sensor data Environmental monitoring using satellite data	junli@uwaterloo.ca
Merrin Macrae, PhD (Wilfrid Laurier) Hydrology and chemistry of agricultural runoff Hydrologic and biogeochemical processes in wetlands	mmacrae@uwaterloo.ca
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

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:

Peter Deadman, PhD (Arizona) pjdeadma@uwaterloo.ca

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 ¹ , 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)	nworth@uwaterloo.ca
Economic geography	
Social geography	
Feminist geography	
Social justice	
Identities and belonging	

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	

¹ Department Chair

Peter Crank, PhD (Arizona)	peter.crank@uwaterloo.ca
Urban climate	
Impacts of neighborhood scale urban design on microclimates and human health	
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	
Chantel Markle, PhD (Arizona)	cmarkle@uwaterloo.ca
Spatial and landscape ecology	
GIS, remote sensing	
Hydrology approaches to drive evidence-based decision making in wildlife management and environmental policy	
Michelle Rutty, PhD (Waterloo)	michelle.rutty@uwaterloo.ca
Tourism and environmental change	
Sustainable tourism, virtual reality, weather and society	
Helena Shilomboleni, PhD (Waterloo)	hshilombolenir@uwaterloo.ca
Agriculture and food security	
Specialization working with small-scale farmers in sub-Saharan Africa	
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	

University of Western Ontario
Department of Geography and Environment
Social Science Centre, London, ON N6A 5C2
(519) 661-3423 — Fax (519) 661-3750
Website: <https://geoenvironment.uwo.ca/>

Department Offers

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)
Joy Parr, PhD (Yale)
Micha Pazner, PhD (UC Santa Barbara)
Chris Smart, PhD (McMaster)
L. Graham Smith, PhD (Waterloo)
Philip Stooke, PhD (Victoria)

Email Address:

embjork@rogers.com
r.butler2@btinternet.com
dcartwr@uwo.ca
rgcecil@uwo.ca
wcode@uwo.ca
mbgreen@uwo.ca
janelle@geog.ucsb.edu
luckman@uwo.ca
gmcbean@uwo.ca
jparr@uwo.ca
pazner@uwo.ca
csmart@uwo.ca
lgsmith@uwo.ca
pjstooke@uwo.ca

Professors:

Godwin Arku, PhD (McMaster) garku@uwo.ca
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

Brian Branfireun, PhD (McGill)	bbranfir@uwo.ca
Biogeochemistry	
Eco hydrology	
Wetland ecosystem science	
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	
Jacek Malczewski, PhD (Poland)	jmalczew@uwo.ca
GIS	
Location analysis	
Quantitative methods	
Dan Shrubsole, PhD (Waterloo)	dashrubs@uwo.ca
Integrated resource management (water)	
James Voogt, 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	

Associate Professors:

Michael Buzzelli, PhD (McMaster)	michael.buzzelli@uwo.ca
Environment and health	
GIS	
Housing; Urban planning	
David Goldblum, PhD (University of Colorado)	david.goldblum@uwo.ca
Biogeography	
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 ¹ , 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:

Sâkihitowin Awâsis / Cortney Golkar-Dakin, (Western University)	cdakin2@uwo.ca
Indigenous geographies	
Political ecology	
Energy justice	
Jinhyung Lee, PhD (Ohio State University)	jinhyung.lee@uwo.ca
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	

¹ Department Chair

Model-data fusion/data assimilation

Roza Tchoukaleyska, PhD (University of Sheffield, UK) rtchouka@uwo.ca
Urban planning
Cultural geography
Public spaces

Limited Duty Instructors:

Daniel Bednar, PhD (Western)	dbednar@uwo.ca
Wendy Dickinson, PhD (Western)	whdickin@uwo.ca
Stephen Evans, MPA (Western)	sevans4@uwo.ca
John Fleming, MA (University of Toronto)	jflemi82@uwo.ca
Clare Gordon, PhD (Western)	cgordon@uwo.ca
Beth Hundey, PhD (Western)	ehundey2@uwo.ca
Wes Kinghorn, PhD (Western)	wkinghor@uwo.ca
Grant Morin, PhD (Western)	gmorin5@uwo.ca
Mark Moscicki, MA (Western)	mmoscic@uwo.ca
Gabor Sass, PhD (Western)	gabor.sass@uwo.ca
Joe Shaw, MBA (Windsor)	jshaw86@uwo.ca
Joshua Tobias, PhD (Western)	jtobias2@uwo.ca

University of Winnipeg
Department of Geography
515 Portage Avenue, Winnipeg, MB R3B 2E9
(204) 786-9278 – Fax (204) 774-4134
Website: <https://www.uwinnipeg.ca/geography/index.html>

Department Offers

BA, BSc, MA, MSc, MEnv

Faculty

<i>Professors:</i>	<i>Email Address:</i>
Danny Blair, PhD (Manitoba) Prairie Climate Centre (Co-Director) Climate Atlas of Canada (climateatlas.ca) Visualization of climate change data Climate change and variability in the Western Interior	d.blair@uwinnipeg.ca
Bill Buhay, PhD (Waterloo) 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	b.buhay@uwinnipeg.ca
Edward A. Cloutis, PhD (Alberta) 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	e.cloutis@uwinnipeg.ca
Jino Distasio, PhD (Manitoba) Downtown redevelopment Homelessness and mental health Housing markets Urban Indigenous policy Urban and community planning	j.distasio@uwinnipeg.ca
Patricia Fitzpatrick, PhD (Waterloo) Environmental assessment Public participation and learning Environmental governance, including adaptive management and corporate social responsibility Resource management in the mineral and hydroelectric sectors	p.fitzpatrick@uwinnipeg.ca

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	
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

Vancouver Island University
900 Fifth Street, Nanaimo, BC V9R 5S5
(250) 753-3245 — Fax (250) 740-6550
Email: geochair@viu.ca
Website: <https://socialsciences.viu.ca/geography/>

Department Offers

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

Faculty

<i>Regular Faculty:</i>	<i>Email Address:</i>
Matthew Bowes, PhD (U. Victoria) Human dimensions of natural resource management Urban & Regional planning and management Sustainability Social and cultural geography	matthew.bowes@viu.ca
Dave Cake, MSc (U. Victoria) Wildlife habitat modeling Engineering and environmental applications of GIS Geodatabase design and implementation	dave.cake@viu.ca
Juliane Collard, PhD (UBC) 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. <i>Post-doctoral Fellow, University of Bern, Switzerland (2020-2022)</i>	juliane.collard@viu.ca
Alan Gilchrist, PhD (U. Liverpool) Macroscale geomorphology Watershed restoration in coastal British Columbia Water resources management on Vancouver Island	alan.gilchrist@viu.ca
Michael Govorov, PhD (Siberian State Academy) GIS and spatial analysis Remote sensing GIS programming	michael.govorov@viu.ca
Jeff Lewis, PhD (U. Victoria) Awareness of climate change through education and research – public outreach Climate change impacts and adaptation Vancouver Island weather station network	jeff.lewis@viu.ca
Michele Patterson, MA (Royal Roads) Climate adaptation policy Social and cultural values in seafood and seafood communities	michele.patterson@viu.ca

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

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)	
<i>VIU Tier 2 Canada Research Chair in the Human Dimensions of Sustainability and Resilience</i>	
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	
<i>Honorary Research Associate, VIU Master of Community planning program</i>	
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	
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)	jessica.craig@viu.ca
Macroscale geomorphology	
Quaternary geology	
Geography education	

Mobility and health

Philip Marsh³, PhD (McMaster) pmars@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

William L. Quinton, PhD (Saskatchewan) wquinton@wlu.ca

Hydrology

GIS Geochemical Cycling

Climate Change

Environmental 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

Cross-Appointed Professors:

Debora Van Nijnatten (Queen's) dvannijnatten@wlu.ca

Political Science

Climate Policy/Green Transition in Canada

Science-Policy Interface

Transboundary Water Governance

Associate Professors:

Christopher Lemieux, PhD (Waterloo)

Dr. J. McMurry Research Chair in Environmental Geography

Resource and Environmental Policy and Management

Parks, Protected, and Conserved Areas

International Biodiversity Policy

Nature, Human Health and Well-being

Climate Change

Management Effectiveness

Science-Policy Interface

Steven Roberts, PhD (Waterloo) sroberts@wlu.ca

Applied graph theory and oriented matroids

Combinatorial optimization

Genetic algorithms

Landscape ecology

³ Canada Research Chair

Parallel computing	
Spatial data models and data structures	
Miguel Sioui, PhD (Carleton)	msioui@wlu.ca
Indigenous Knowledges (IK's) in America	
Environmental Management	
Environmental Ethics	
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:

Michael Bitton, PhD (Louisiana State University)	mbitton@wlu.ca
Coastal Geomorphology	
Great Lakes Sand Dunes	
Gulf of Mexico Coastal Environments	
Higher Education	
Homa Kheyrollah Pour ⁴ , 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	
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	
Andrew Spring, PhD (Wilfrid Laurier)	aspring@wlu.ca
Canada Research Chair (Tier II) in Northern Sustainable Food Systems	
Sustainable food systems	
Climate Change Adaption	
Human Geography	
Northern Research	
Sustainable livelihoods	
Participatory action research	

Assistant Professors (Limited Term):

Terah Sportel, PhD (Guelph)	tsportel@wlu.ca
-----------------------------	-----------------

⁴ Canada Research Chair

Development geography
Political ecology / economy
Labour geography
Sustainable livelihoods
South Asia
India

Faculty – Brantford Campus

Associate Professors:

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

York University
Graduate Program in Geography
Faculty of Environmental & Urban Change
4700 Keele Street, Toronto, Ontario M3J 1P3
Tel: (416) 736-5252
Graduate Program Website:
<https://www.yorku.ca/gradstudies/geography/>
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-Wootton, 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, Jamie Scott, John Warkentin

Professors Emeriti²:

Email Address:

Rick L. Bello, PhD (McMaster)	bello@yorku.ca
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	
Lewis Molot, PhD (Alaska)	lmolot@yorku.ca
Iron and phosphorus co-regulation of cyanobacterial abundance in freshwaters	
Glen Norcliffe, DSc (Bristol)	gnorclif@yorku.ca
The globalization of industry and sport	
Extractive peripheries	

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

² Actively recruiting/supervising graduate students

Geographical construction of technology
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@yorku.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)

Kean Birch, PhD (Oxford Brookes) kean@yorku.ca

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

Martin Bunch, PhD (Waterloo) bunchmj@yorku.ca

Ecosystem approaches
Environment and health
Watershed management
System Thinking
Geographic information systems
International development

Raju Das, PhD (Ohio) rajudas@yorku.ca

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	
Christian Haas, PhD (Bremen)	haasc@yorku.ca
Airborne geophysics	
Arctic climate change	
Electromagnetic induction sounding	
Ice engineering	
Ocean-ice-atmosphere interaction	
Satellite remote sensing	
Alice Hovorka ³ , PhD (Clark)	ahovorka@yorku.ca
Human-environment relationships	
Animal geographies	
Gender and environment	
Urban geography	
Applied human geography	
Baoxin Hu, PhD (Boston)	baoxin@yorku.ca
Photogrammetry	
Remote sensing of vegetation	
3-D measurement and modeling	
Jennifer Hyndman, PhD (British Columbia)	jhyndman@yorku.ca
Critical and feminist geopolitics	
Geographies of forced migration/immigration	
Humanitarian aid in response to conflict/asylum/disasters	
Refugee (re)settlement	
Roger Keil, Dr Phil (Johann Wolfgang Goethe)	rkeil@yorku.ca
Global suburbanisms	
Infectious disease and cities	
Urban infrastructures	
Urban governance	
Urban political ecology	
Philip F. Kelly, PhD (British Columbia)	pfkelly@yorku.ca
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	

³ Dean, Faculty of Environmental & Urban Change

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	
Ute Lehrer, PhD (UCLA)	lehrer@yorku.ca
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	
Christopher Lortie, PhD (British Columbia)	ecodata@yorku.ca
Biogeography	
Climate change	
Community	
Desert system restoration and management	
Invasion biology	
Joseph Mensah, PhD (Alberta)	jmensah@yorku.ca
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	
Tarmo Remmel, PhD (Toronto)	remmelt@yorku.ca
Shape and spatial pattern analysis	
Accuracy assessment and spatial uncertainty	
Boreal forest disturbance mapping	
Satellite and UVA remote sensing	
Scale and vegetated landscape analysis	
Patricia Wood, 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
Arctic wetland hydrology	
Arctic snow hydrology	

Hydrology of extreme environments

Associate Professors:

Laam Hae, PhD (Syracuse)	lhae@yorku.ca
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	
Jennifer Korosi, PhD (Queen's)	jkorosi@yorku.ca
Limnology	
Paleolimnology	
Arctic/subarctic environmental change	
Biogeography	
Environmental contaminants	
Vanessa Lamb, PhD (York)	vlamb@yorku.ca
Environment	
Gender	
Social and environmental justice	
Social economy	
Borders and migration	
Water governance	
Participatory research methods	
Political Ecology	
Southeast Asia	
Carlota McAllister, PhD (Johns Hopkins)	carlota@yorku.ca
Political ecology	
Political theology	
Latin American & Caribbean Studies	
Religion	
Revolution	
Deborah McGregor ⁴ , PhD (U of T)	dmcgregor@osgoode.yorku.ca
Indigenous Environmental Justice	
Indigenous Governance; Sustainability	
Water Governance	
Indigenous Intellectual Traditions	
Jean Michel Montsion, PhD (McMaster)	jmmontsion@glendon.yorku.ca
Canada-Asia relations	

⁴ Canada Research Chair in Indigenous Environmental Justice

Critical ethnic and racial studies	
Emotional landscapes	
Gateway cities and community politics	
International education	
Justin Podur, PhD (Toronto)	jpodur@yorku.ca
Forest fires	
Geographic information systems	
International development and conflict	
Roberto Quinlan, PhD (Queen's)	rquinlan@yorku.ca
Aquatic ecology	
Limnology	
Paleoecology	
Luisa Sotomayor, PhD (Toronto)	sotomay@yorku.ca
Urban Planning and Policy	
Housing	
Urban Governance	
Informality	
Participatory Planning	
Gregory Thiemann, PhD (Dalhousie)	thiemann@yorku.ca
Arctic Ecosystems	
Food Web Ecology	
Wildlife Conservation	
Resource Management	
Human-Wildlife Conflict	
Steven Tufts ⁵ , PhD (York)	tufts@yorku.ca
Labour and economic development	
Labour and environment	
Labour unions and the city	
Labour market adjustment	
Workers and populism	
Douglas Young, PhD (York)	dogoyo@yorku.ca
Legacies of modernist and socialist urbanism	
Suburban decline and renewal	
Urban infrastructure	
Urban planning and development processes	
Anna Zalik, PhD (Cornell)	azalik@yorku.ca
Critical geopolitics of the oil industry	
Political ecology	
(Post) coloniality	
Radical/resource geographies	

⁵ Graduate Program Director

Assistant Professors:

Muna-Udbi Abdulkadir Ali, PhD (OISE, Toronto)	muali@yorku.ca
Black Studies	
Diaspora & Transnational Migration Studies	
Gender & Sexuality Studies	
Environmental Justice	
Public Policy Studies	
Surveillance Studies	
Nga Dao, PhD (York)	ngadao@yorku.ca
Agrarian change	
Environmental governance	
Political ecology	
Gender and Development	
Vietnam and Southeast Asian Development	
Mahtot Gebresselassie, PhD (Virginia Tech)	mahtote@yorku.ca
Smart mobility and equity	
Accessible physical and digital spaces	
Transportation geography	
Human-computer interaction (HCI)	
Uber and Lyft transportation in unusual events	
Platform economy and labour	
Urban design	
Adeyemi O. Olusuloa, PhD (Ibadan)	aolusola@yorku.ca
Hydro-geomorphological characterization	
River dynamics and sensing	
River restoration	
Reach-scale classification	
Extreme Events	
Machine learning	
Sarah Rotz, PhD (Guelph)	rotzs@yorku.ca
Agriculture	
Critical Research Methodologies	
Indigenous Food & Land Sovereignty	
Political Ecology and Food Justice	
Climate Change	
Settler Colonial Studies	
Yvonne Su, PhD (Guelph)	yvonneasu@yorku.ca
Politics and Government	
Asian/Pacific Studies	
International Development	
Migration	
Disasters Studies	
Social Capital	
Joshua Thienpont PhD (Queen's)	jthienpo@yorku.ca
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 object 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-tresorier 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 désigner 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	1993	Carleton University
1952	Université Laval	1994	Wilfrid Laurier University
1953	University of Western Ontario	1995	Université de Québec à Montréal
1954	University of Manitoba	1996	University of Saskatchewan
1955	University of Toronto	1997	Memorial University of Newfoundland
1956	Université de Montréal	1998	Université d'Ottawa
1957	University of Ottawa	1999	University of Lethbridge
1958	University of Alberta	2000	Brock University
1959	University of Saskatchewan	2001	McGill University, Concordia University, and Université de Montréal
1960	Queen's University	2002	Ryerson University, University of Toronto, and York University
1961	McGill University	2003	University of Victoria
1962	McMaster University	2004	Université de Moncton and Mount Allison University
1963	Université Laval	2005	University of Western Ontario
1964	University of Western Ontario	2006	Lakehead University
1965	University of British Columbia	2007	University of Saskatchewan
1966	University of Sherbrooke	2008	Université Laval
1967	Carleton University	2009	Carleton University
1968	University of Calgary	2010	University of Regina
1969	Memorial University of Newfoundland	2011	University of Calgary
1970	University of Manitoba	2012	University of Waterloo and Wilfrid Laurier University
1971	University of Waterloo	2013	Memorial University
1972	Université de Montréal (IGC)	2014	Brock University
1973	Lakehead University	2015	Simon Fraser University
1974	University of Toronto	2016	Saint Mary's University and Dalhousie University
1975	Simon Fraser University	2017	York University
1976	Université Laval	2018	Université Laval
1977	University of Regina	2019	University of Winnipeg
1978	University of Western Ontario	2020	Virtual / virtuelle
1979	University of Victoria	2021	University of Northern British Columbia (Virtual / virtuelle)
1980	Université de Québec à Montréal	2022	Toronto Metropolitan University (Virtual / virtuelle)
1981	Grenfell College	2023	Université du Québec à Montréal
1982	University of Ottawa		
1983	University of Winnipeg		
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		
1990	University of Alberta		
1991	Queen's University		
1992	University of British Columbia		

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	2023	Christopher Burn

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	1996	John Parry
1973	Edward J. Pleva	1997	S. Brian McCann
1974	Benoit Brouillette	1998	no award/non attribué
1975	J. Keith Fraser	1999	Mark W. Rosenberg
1976	Pierre Dagenais 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 William C. Wonders	2006	Philip J. Howarth
1983	Ralph R. Krueger	2007	John C. Everitt
1984	Peter J. Smith	2008	Len Evenden
1985	William J. Dean Norman L. Nicholson	2009	no award/non attribué
1986	J. Brian Bird	2010	Bob Sharpe
1987	Marie E. Sanderson	2011	Iain Wallace
1988	Geoffrey J. Matthews Robert W. Packer	2012	Hugh Millward
1989	Ludger Beauregard	2013	Evelyn Peters
1990	Jacob Spelt	2014	Bernard Thraves
1991	Helen Rowland Roger Tomlison	2015	Dan J. Smith
1992	Donald Kerr	2016	Valerie Preston
1993	Fernand Grenier	2017	Marilyne Jollineau
1994	Leszek Kosinski	2018	no award/non attribué
1995	Olav Slaymaker	2019	Wayne Forsythe
		2020	Dan Shrubssole
		2021	no award/non attribué
		2022	no award/non attribué
		2023	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 école secondaire reconnue.

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	William Gough
1998	Neil Field	2011	Kathi Wilson
1999	André Roy	2012	Michael J. Fox
2000	Lorne Bennett Jean Andrey	2013	Catherine Nolin
2001	Robert Rogerson	2014	Robert Milne
2002	no award/non attribué	2015	Don Boyes
2003	Ben Moffat James E. Randall	2016	Ian O'Connell
2004	Geoff McBoyle	2017	Jeff Hopkins
2005	Fes de Scally	2018	Alana Boland
2006	Brent Hall	2019	Shivanand Balram
2007	Michael F. Fox	2020	CindyAnn Rose-Redwood
2008	Susan E. Wurtele	2021	Nicole Laliberté
2009	Norman R. Catto	2022	Lynn Moorman
2010	Jody Decker	2023	Shannon Fargey

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	2023	Jean-Yves Lalande
2006	no award/non attribute		
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
Ian 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
2023 Farzam Fatolazadeh
Justine Townsend

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	2014	Matthew Schnurr
2004	no award/non attribué	2015	Chantelle Richmond
2005	Michael	2016	Simon Springer
2006	Philip Kelly	2017	Jennifer Silver
2007	no award/non attribué	2018	Jennifer Korosi
2008	Isaac Luginaah	2019	Carissa Brown
2009	Jason Gilliland	2020	Gabriel Fauveaud
2010	Heather Castleden	2021	Michelle Rutty
2011	Jeffrey Masuda	2022	Sarah Rotz
2012	Rachel Bezner-Kerr	2023	Rachel Herron
2013	Martin A. Andresen		

Appendix 7 / Annexe 7

The 2023 CAG Undergraduate Award Winners / Gagnant(e)s du Prix du premier cycle de l'ACG 2023

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	Monica Bassili
University of Alberta, Augustana	Leif Hvenegaard
Bishop's University	Ariane Horrall
Brandon University	Jared Friesen
University of British Columbia	Amelia Linett
UBC - Okanagan Campus	Olivia Aviani
Brock University	no submission / aucune soumission
University of Calgary	Maranda Pittman
Carleton University	Nicole Parent
Concordia University	Emily McIsaac
University of the Fraser Valley	Natasha Knebelow
University of Guelph	Jessica Green-Houser
Kwantlen Polytechnic University	Sydney Wong
Lakehead University	Robin Jones
Université Laval	Vincent Filion
University of Lethbridge	Jessica Van Gaalen
University of Manitoba	Amy Adamkowicz
McGill University	Abigail Baran
McMaster University	Abigail Amos
Memorial University	no submission / aucune soumission
Université de Moncton	no submission / aucune soumission
Université de Montréal	Félix Henri
Mount Allison University	Abigail Christ-Rowling
Nipissing University	Cole Reid
University of Northern BC	Jessica Froese
University of Ottawa	no submission / aucune soumission
Université du Québec à Montréal	no submission / aucune soumission
Queen's University	Lauren Zanol
University of Regina	Vanessa Berg
Saint Mary's University	Carmen Rojas-Fischer
University of Saskatchewan	Emily Ireland
Université de Sherbrooke	Sylvain Milliot
Simon Fraser University	Michael Aidan Chan
Thompson Rivers University	Raelene Mahon
Toronto Metropolitan University	no submission / aucune soumission
University of Toronto-Mississauga	Iman Lalani
University of Toronto-Scarborough	Frederick Fielder
University of Toronto-St George	Angel Chow
Trent University	Ethan Jovanovic
Trinity Western University	no submission / aucune soumission
Vancouver Island University	Sierra De Buysscher-Nailor
University of Victoria	no submission / aucune soumission

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

Carly Zander
Matthew William Bowery
Laura Cobham
no submission / aucune soumission
Rachel Marie Pellegrino

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
Co-Chair / Co-présidente : Shawna Lewkowitz, slewkowi@uwo.ca
Co-Chair / Co-présidente : Martina Jakubchik-Paloheimo 19mjp6@queensu.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, pbrouder@tru.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 : Jenna Dixon, jenna.dixon@ubc.ca
Vice-Chair / Vice-présidente : Andrea Rishworth, andrea.rishworth@utoronto.ca
7. **Indigenous Peoples Working Group /**
Groupe de travail sur les peuples autochtones
Co-Chair / Co-présidente : Ryan Planche, plan4285@mylaurier.ca
Co-Chair / Co-présidente : Deondre Smiles, dsmiles@uvic.ca
8. **Rural Geography Study Group /**

Groupe d'étude en géographie rurale

Chair / Président : Mery Perez, mperez@grenfell.mun.ca

9. **Canadian Geomorphology Research Group /
Groupe canadien de recherche en géomorphologie**
Chair / Présidente : Jan Franssen, cgrg.gcrg@gmail.com
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