



# The Canadian Association of Geographers Directory

# 2024

# L'Annuaire de l'Association Canadienne des Géographes

PO Box 25039  
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ON L3B 6G9

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Canadian Association of Geographers  
Association Canadienne des Géographes



**Canadian Association of Geographers**  
**Association Canadienne des Géographes**

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

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Past-President / Présidente sortante  
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Philip Thibault

Social Media Coordinator / Coordinatrice des médias sociaux  
Satveer Dhillon

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## Geography Department Program Enrolment Academic Year 2023-2024

University	Undergraduate			Graduate	
	Honours	Majors	Minors	MA/MSc	PhD
Carleton University	68	29	37	29 <sup>(1)</sup>	30
Concordia University	26	888 <sup>(2)</sup>	3 <sup>(3)</sup>	97	47
Memorial University	2	80	60	12	15
Nipissing University	322	19	35	15	–
Saint Mary's University	1	35	24	8	–
Simon Fraser University	2	312	86	20	30
The King's University	–	–	1	–	–
Toronto Metropolitan University	350 <sup>(4)</sup>	–	–	25 <sup>(5)</sup>	–
Trent University	60.5	10.5	24	–	–
University of Alberta, Augustana	–	52	3	–	–
University of British Columbia (UBC)	17 <sup>(6)</sup>	582 <sup>(7)</sup>	322 <sup>(8)</sup>	46 <sup>(9)</sup>	61
UBC, Okanagan	–	48	12	–	–
University of Calgary	3 <sup>(10)</sup>	386 <sup>(11)</sup>	24 <sup>(12)</sup>	78 <sup>(13)</sup>	14
University of the Fraser Valley	2 <sup>(14)</sup>	135 <sup>(15)</sup>	28 <sup>(16)</sup>	–	1 <sup>(17)</sup>
University of Lethbridge	–	110	2	20	9
University of Manitoba	7	13	–	42	37
UNBC	–	72	28	28	14
University of Ottawa	170	110	90	25	29
University of Saskatchewan	21	120	–	16	15
University of Toronto, Mississauga	–	983	478	–	–
University of Toronto, Scarborough	17 <sup>(18)</sup>	465 <sup>(19)</sup>	350 <sup>(20)</sup>	–	–
University of Toronto, St. George	55	300	466	47 <sup>(21)</sup>	123 <sup>(21)</sup>
University of Victoria	14	550	43	50	40
University of Waterloo	750	63	55	148	77
University of Western Ontario	65	119	50	31 <sup>(22)</sup>	42
University of Winnipeg	1	164	92	29 <sup>(23)</sup>	–
Wilfrid Laurier University	229 <sup>(24)</sup>	–	11	36 <sup>(25)</sup>	19
York University <sup>(26)</sup>	–	522	13	33	34

**Note:** footnotes are on the following page iv.

# Inscription aux départements de géographie

## Année académique 2023-2024

Université	1 <sup>e</sup> cycle	en maj.	en min.	2 <sup>e</sup> cycle	3 <sup>e</sup> cycle	M	PhD
Université du Québec à Trois-Rivières (UQTR)	20	–	–	12	3	–	–

### Footnotes for table on page iii

- (1) 10 MA, 19 MSc
- (2) Majors / Specializations / Minors combined
- (3) Diploma
- (4) 108 Geographic Analysis, 242 Environment and Urban Sustainability
- (5) Spatial Analysis
- (6) BA Human Geography
- (7) This number includes students from the following Programs – 301 Environment & Sustainability, 166 Human Geography, 65 Urban Studies, 50 Geographical Sciences
- (8) This number includes students from the following Programs – 21 Environment & Sustainability, 25 Human Geography, 78 GIS & Geographical Computation, 115 Urban Studies, 83 Certificate in Climate Studies and Action
- (9) 20 MA, 26 MSc
- (10) This number includes students from the following Programs – 1 Geography, 2 Earth Science
- (11) This number includes students from the following Programs – 133 Geography, 11 Earth Science, 242 Urban Studies
- (12) This number includes students from the following Programs – 14 Geography, 2 Earth Science, 8 Urban Studies
- (13) 35 MA/MSc, 43 MGIS
- (14) Geoscience Program
- (15) This number includes students from the following Programs – 13 Geoscience, 122 Planning, Geography & Environmental Studies
- (16) This number includes students from the following Programs – 2 Geoscience, 26 Planning, Geography & Environmental Studies
- (17) Geoscience Program
- (18) This number includes students from the following Programs – 12 City Studies Specialization, 5 Human Geography Specialization
- (19) This number includes students from the following Programs – 335 City Studies, 27 City Studies (Coop), 71 Human Geography, 32 Physical & Human Geography
- (20) This number includes students from the following Programs – 96 City Studies, 89 GIS, 64 Human Geography, 101 Urban Public Policy & Governance
- (21) Tri-campus: Includes 21 MSc Planning, 30 PhD Planning
- (22) 15 MA, 16 MSc
- (23) 15 MA, 14 MSc
- (24) BA/BSc in Geography and Environmental Studies
- (25) MA, MSc, MES
- (26) Enrolment data is for all undergraduate programs in the Faculty of Environmental and Urban Change, and for the Graduate Program in Geography.

## 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

#### *Full Professor:*

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

#### *Associate Professor:*

Nairne Cameron<sup>1</sup>, Ph.D. (Ottawa)  
Food Systems and Access  
Spatial Analysis & GIS  
Land Stewardship

[Nairne.Cameron@algomau.ca](mailto:Nairne.Cameron@algomau.ca)

#### *Adjunct Professor(s):*

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

#### *Sessional Faculty:*

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

[Cheryl.Recollett@algomau.ca](mailto:Cheryl.Recollett@algomau.ca)

---

<sup>1</sup> Department Chair

Environmental Stewardship

Dr. Rebecca Ellis, Ph.D., (Western)

Animal Geographies

Political Ecology

Kim Mihell, (Lakehead)

Environmental Studies

People and Environment

[Rebecca.Ellis@algomau.ca](mailto:Rebecca.Ellis@algomau.ca)

[Kim.Mihell@algomau.ca](mailto:Kim.Mihell@algomau.ca)



## Bishop's University

Department of Environment and Geography

Sherbrooke, QC J1M 1Z7

(819) 822-9600 – Fax (819) 822-9661

Website: <https://www.ubishops.ca/academic-programs/faculty-of-arts-and-science/social-sciences/environment-agriculture-and-geography/>

---

### 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](http://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<sup>1</sup>, PhD (McGill)

Sustainable agriculture and food systems

Food and water security

Adaptation to climate change

dbardati@ubishops.ca

Norman Jones, PhD (Waterloo)

Climate change and the Quebec wine industry

Flood hazards in southern Quebec

njones@ubishops.ca

Elisabeth Levac, PhD (Dalhousie)

Holocene

Impact of air pollution on human health

Paleoceanography, Paleoclimatology

Pollen and allergies

elevac@ubishops.ca

Matthew Peros<sup>2</sup>, PhD (Ottawa)

Holocene environmental change in

southern Quebec, eastern Canada, and the

Caribbean Younger Dryas

Paleoecology and dendroecology

mperos@ubishops.ca

#### *Assistant Professor:*

Jane Morrison, PhD (Polytechnic Univ. of Catalonia)

Sustainable agriculture and food systems

Ecosystem services of weeds, wild pollinators

jmorrison@ubishops.ca

---

<sup>1</sup> Chair (Faculty information as of July 1, 2020)

<sup>2</sup> Tier II Canada Research Chair in Climate and Environmental Change

*Lecturers:*

Bruno Courtemanche, MSc (Sherbrooke)

[bcourtem@ubishops.ca](mailto:bcourtem@ubishops.ca)

GIS

Limnology and oceanography

Remote sensing and instrument design

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

[jdowning@ubishops.ca](mailto: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/>

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### 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 Ramsey<sup>1</sup>, PhD (Guelph)

Agricultural restructuring  
Rural community well-being  
Rural tourism

ramsey@brandonu.ca

Rachel Herron<sup>2</sup>, PhD (Queens)

Rural health

Aging

Dementia

Care and caregiving

Voluntarism

Gender and health

herronr@brandonu.ca

Christopher Malcolm, PhD (Victoria)

Wildlife management

Wildlife ecotourism

Human dimensions of wildlife and tourism

malcolmc@brandonu.ca

Pete Whittington<sup>3</sup>, PhD (Waterloo)

Hydrology

Wetlands

Peatlands

whittingtonp@brandonu.ca

---

<sup>1</sup> Member of the Department of Rural Development, <sup>2</sup>Canada Research Chair, <sup>3</sup>Chair of the Department

*Associate Professors:*

Alexander Koiter, PhD (UNBC)	koitera@brandonu.ca
Watershed science	
Soil and water conservation	
Geomorphology	
Sediment dynamics	
Dion Wiseman, PhD (Indiana State)	wiseman@brandonu.ca
Land cover mapping	
GIS/Remote sensing	
Unmanned air vehicles	

*Assistant Professors:*

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

*Instructional Associate:*

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

*Adjunct Professors:*

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

## **Brock University**

Department of Geography and Tourism Studies

St. Catharines, ON L2S 3A1

(905) 688-5550, ext. 3484

Email: [geogtour@brocku.ca](mailto: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**

#### *Professor Emeritus:*

#### *Email Address:*

Hugh J. Gayler, PhD (British Columbia)

[hjgayler@brocku.ca](mailto:hjgayler@brocku.ca)

Niagara's emerging wine culture

Planning issues on the rural-urban fringe

Smart growth

Urbanisation and agricultural land preservation

Catherine Jean Nash, PhD (Queen's)

[catherine.nash@brocku.ca](mailto:catherine.nash@brocku.ca)

Feminist geography

Gender and sexuality

LGBTQ+ issues

Queer theory

Social and cultural geography

Anthony B. Shaw, PhD (Western)

[tshaw@brocku.ca](mailto:tshaw@brocku.ca)

Climate change impacts, mitigation, and adaptation

Delimiting wine appellations and sub-appellations

Climatic and topographic analysis for specialty crops

Passive and active freeze protection methods for crop production

Energy efficient buildings and energy conservation

Wind resource assessment for wind power

#### *Professors:*

David Butz, PhD (McMaster)

[dbutz@brocku.ca](mailto: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](mailto:dfennell@brocku.ca)

- Ecotourism  
Nature-based tourism  
Tourism ethics  
Ecotourism policy and planning  
Christopher Fullerton, PhD (Saskatchewan) [chris.fullerton@brocku.ca](mailto: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](mailto: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](mailto: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](mailto:jmenzies@brocku.ca)  
Drumlins and MSGL bedforms  
Glacial microsedimentology  
Subglacial sediments  
Past glacial environments
- Michael Pisaric<sup>1</sup>, PhD (Queen's) [mpisaric@brocku.ca](mailto:mpisaric@brocku.ca)  
Climate change impacts on northern ecosystems  
Dendrochronology  
Paleolimnology  
Biogeography
- Michael Ripmeester, PhD (Queen's) [mripmeester@brocku.ca](mailto: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](mailto: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](mailto:dtelfer@brocku.ca)

---

<sup>1</sup> 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)

jchilds@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)

dmorimoto@brocku.ca

Dendrochronology  
Paleoecology  
Climate change



## 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](mailto: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 Professor:*

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

#### *E-mail Address:*

John.Clarke@carleton.ca

#### *Chancellor's Distinguished Research Professor:*

D. R. Fraser Taylor, PhD (Edinburgh)

Fraser.Taylor@carleton.ca

International Affairs, Geography and Environmental Studies

Director, Geomatics and Cartographic Research Centre

The application of geospatial information management to the analysis of key socio-economic problems, including children's mapping, in national, international, Indigenous contexts and in select UN GEO and Ethic Committees, and presentation of findings in innovative Cybercartographic form and publication

#### *Professors Emeriti:*

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

#### *Chancellor's Professor:*

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

Christopher.Burn@carleton.ca

Permafrost and ground ice

Physical geography of the Yukon and western Arctic Canada

#### *Professors:*

Patricia Ballamingie, PhD (Carleton)

Patricia.Ballamingie@carleton.ca

Food policy and food systems governance

Alternative housing models  
Community-engaged scholarship  
Stephan Gruber, Dr. Sc. Nat. (Zurich) [Stephan.Gruber@carleton.ca](mailto: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](mailto:Elyn.Humphreys@carleton.ca)  
Biometeorology  
Carbon cycling in peatlands and Arctic tundra  
Derek Mueller, PhD (Laval) [Derek.Mueller@carleton.ca](mailto: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](mailto: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](mailto: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](mailto: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](mailto:Pablo.Mendez@carleton.ca)  
Housing and metropolitan change  
Informality and urban livelihoods  
Urbanization and grassroots politics  
Koreen Millard, PhD (Carleton) [KoreenMillard@carleton.ca](mailto:KoreenMillard@carleton.ca)  
Remote Sensing of environmental change  
GIS, statistics, time series analysis, machine learning classification  
Scott Mitchell, PhD (Toronto) [Scott.Mitchell@carleton.ca](mailto: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](mailto:Peter.Pulsifer@carleton.ca)  
Geographic information interoperability  
Cartography and visualization  
Inuit ecological knowledge  
Cross-cultural collaborative research methodologies and ethics  
Linking Inuit and scientific knowledge in decision-making

Murray Richardson <sup>1</sup> , PhD (Toronto) GIS and remote sensing Watershed ecosystems Cold regions hydrology and water quality Wetlands	Murray.Richardson@carleton.ca
Jennifer Ridgley, PhD (Toronto) Borders, migration and citizenship Abolition geographies Urban policing and law enforcement	Jennifer.Ridgley@carleton.ca
Dipto Sarkar, PhD (McGill) GIScience, social network analysis, OpenStreetMap, biodiversity conservation	Dipto.Sarkar@carleton.ca
Sheryl-Ann Simpson, PhD (Cornell) Migration, place and citizenship Environmental justice, health and well-being Spatial analysis (participatory, quantitative, qualitative, interpretive)	SherylAnn.Simpson@carleton.ca
Derek A. Smith, PhD (Kansas) Cultural geography Local environmental knowledges Forest use and conservation Participatory mapping	Dereka.Smith@carleton.ca
Sophie Tamas, PhD (Carleton) Arts-based and narrative-based research Emotion, affect, identity and change Post-traumatic bodies, places and things	Sophie.Tamas@carleton.ca
Jill Wigle, PhD (Toronto) Informality and urban governance in Latin America Geographies of housing, spatial regulation, and precarity in Mexico City Land, housing and the Right to the City	Jill.Wigle@carleton.ca
Jesse Vermaire, PhD (McGill) Aquatic ecology Environmental change Paleolimnology	Jesse.Vermaire@carleton.ca
<i>Instructors:</i>	
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	Paul.Williams@carleton.ca

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<sup>1</sup> Chair (July 1, 2024-June 30, 2027)

## Post-industrial landscapes

### *Lecturer:*

Meera Karunanathan, MA (Ottawa)

Meera.Karunanathan3@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, 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](mailto:Geogplanenviro@concordia.ca)

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

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### Department Offers

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

### Faculty

#### *Distinguished Professors Emeritus:*

#### *Email Address:*

Brian Slack, PhD (McGill)

brian.slack@concordia.ca

Transport geography with a focus on maritime transportation  
Port planning and container shipping

Patricia A. Thornton, PhD (Aberdeen)

patricia.thornton@concordia.ca

Population geography  
Historical Geography of 19th Century Montreal  
Mortality as an indicator of social and environmental justice

#### *Emeritus Professors:*

S. Robert Aiken, PhD (Penn State)

robert.aiken@concordia.ca

Tropical deforestation  
Cultural geography  
Developing country environmental issues

Jacqueline M. Anderson, PhD (Wisconsin)

jackie.anderson@concordia.ca

Cartographic visualization and design  
Map user abilities  
Map skills education

Max Barlow, PhD (McGill)

geogplanenviro@concordia.ca

Metropolitan governance  
Political geography

Alan E. Nash, PhD (Cambridge)

alan.nash@concordia.ca

Cultural geography  
Restaurants in Montreal  
Gravestones in Iceland and the Caribbean

Leonard Sklar, PhD (California, Berkeley)

leonard.sklar@concordia.ca

Fluvial, Hillslope, and Tectonic Geomorphology  
Engineering Geology

Hydrology  
Ecosystem Restoration

*Professors:*

Pascale Biron, PhD (Montréal)	pascale.biron@concordia.ca
Hydro-geomorphology and river dynamics, River management in agricultural watersheds Geographical Information Systems Morpho-dynamic numerical modelling Stream restoration for fish habitat	
Sébastien Caquard, PhD (Saint-Etienne)	sebastien.caquard@concordia.ca
Mapping narratives Geomeia 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](mailto: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](mailto: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](mailto:nalini.mohabir@concordia.ca)  
 Postcolonial Geographies (regional focus: Caribbean)  
 Decolonization  
 Diaspora  
 Urbanization in China
- Ted Rutland, PhD (British Columbia) [ted.rutland@concordia.ca](mailto: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](mailto:jeanninemarie.st-jacques@concordia.ca)  
 Global environmental change  
 Dendroclimatology  
 Palynology and paleolimnology  
 Climate models  
 Hydroclimatology
- Craig Townsend, PhD (Murdoch) [craig.townsend@concordia.ca](mailto: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](mailto: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](mailto:martin.danyluk@concordia.ca)  
 Infrastructure  
 Housing  
 Logistics  
 Intersecting forms of inequality in cities
- Ghaffari, Leila, PhD (OQAM-Tours) [leila.ghaffari@concordia.ca](mailto:leila.ghaffari@concordia.ca)  
 Neighborhood transformation  
 Gentrification

Territorial inequalities  
Housing policies  
Social aspects of urban spaces  
Angela Kross, PhD (McGill) [angela.kross@concordia.ca](mailto:angela.kross@concordia.ca)  
Geospatial technologies  
Ecosystem processes and their controls  
Alexandra Lesnikowski, PhD (McGill) [alexandra.lesnikowski@concordia.ca](mailto: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 Garard, PhD (Technische Universität Berlin) [jennifer.garard@concordia.ca](mailto:jennifer.garard@concordia.ca)  
Sustainability in the digital age  
Future earth  
Jennifer Gobby, PhD (McGill) [jengobby@gmail.com](mailto:jengobby@gmail.com)  
Environmental and climate justice  
Social movements  
Social transformation  
Settler-Indigenous relations  
Amy Luers, PhD (Stanford) [amyluers@microsoft.com](mailto:amyluers@microsoft.com)  
Global Sustainability  
Climate & Resilience  
Big Data & AI  
Elise Olmedo, PhD (Paris 1 Panthéon Sorbonne) [elise.olmedo@concordia.ca](mailto:elise.olmedo@concordia.ca)  
Sensibility mapping  
Mapping life stories  
Julie Podmore, PhD (McGill) [jpodmore@johnabbott.qc.ca](mailto: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](mailto:earth.sciences@dal.ca)

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

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### Department Offers<sup>1</sup>

- *Minor in Geography* jointly administered by the Faculty of Architecture and Planning, Faculty of Science and Faculty of Arts and Social Sciences. The Geography Minor program at Dalhousie University gives students a foundation in human and physical geography and cartography with elective courses spanning multiple programs, departments and Faculties, including Earth and Environmental Sciences, Sociology and Anthropology, International Development, Planning, History, and Sustainability. The minor is available to students registered in an existing 120 credit hour Bachelor's program
- *Certificate in Geographic Information Systems (GIS)* provides training and experience in GIS as part of an undergraduate degree. Requires the completion of GIS related resources and a pre-approved research project. Students can register for the GIS Certificate in second year.
- *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.

Website:

<https://academiccalendar.dal.ca/Catalog/ViewCatalog.aspx?pageid=viewcatalog&catalogid=129&chapterid=8522&loadusercredits=False>

### Faculty of Architecture and Planning

*Professors:*

Ahsan Habib, PhD (Toronto)

[ahsan.habib@dal.ca](mailto: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](mailto:patricia.manuel@dal.ca)

*School of Planning, and Marine Affairs Program (Faculty of Science),*

---

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



## **Faculty of Health**

### *Professors:*

Daniel Rainham, PhD (Ottawa) [daniel.rainham@dal.ca](mailto: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; healthcare systems; exposure assessment; planetary health

## **Faculty of Medicine**

### *Lecturer:*

Shawna O'Hearn, PhD (Waterloo) [shawna.ohearn@dal.ca](mailto:shawna.ohearn@dal.ca)  
*Director of Global Health Office*  
Health Geography, Global Health, Women's Health, Aging at Work, Menopause,  
EDIA, and community engagement

## **Faculty of Science**

### *Professor Emeriti:*

Karen F. Beazley, PhD (Dalhousie) [karen.beazley@dal.ca](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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
- Andrew S. Medeiros, PhD (York) andrew.medeiros@dal.ca  
*School for Resource and Environmental Studies and College of Sustainability*  
 Freshwater ecology; Arctic ecology; biogeography; paleolimnology; biomonitoring; environmental change; resource development
- Alana Westwood, PhD (Dalhousie) a.westwood@dal.ca  
*School for Resource and Environmental Studies*  
 Species distribution modelling; cumulative effects; forest management planning; species at risk management; science policy; coproduction of knowledge
- Brandon Heung, PhD (Simon Fraser University) brandon.heung@dal.ca  
*Department of Plant, Food, and Environmental Sciences, Faculty of Agriculture*  
 Soil geography; soil survey; pedometrics; digital soil mapping; remote sensing; machine learning; geographical information systems; spatial statistics; spatial modelling.

*Assistant Professors:*

- Hannah L. Harrison, PhD (Norwegian University of Life Sciences) hannah.harrison@dal.ca  
*Marine Affairs Program*  
 Human dimensions of fisheries; salmonid conservation stocking and hatcheries; environmental conflicts; local seafood sovereignty and access; coastal access.
- Lawrence Plug, PhD (Alaska) lplug@dal.ca  
*Department of Earth and Environmental Sciences*  
 Geomorphology

*Senior Instructors:*

- Heather Cray, PhD (Waterloo) hcray@dal.ca  
*School for Resource and Environmental Studies*  
 Restoration ecology, landscape ecology, biogeography, environmental geography, biogeomorphology, and soil geography
- Christopher Greene, PhD (Ryerson) csgreene@dal.ca  
*Department of Earth and Environmental Sciences*  
 Geographic Information Science / Systems; Environmental Applications of Remote Sensing; Environmental Decision-Making; Urban Forestry
- Amy Mui, PhD (Toronto) amy.mui@dal.ca  
*Department of Earth and Environmental Sciences*  
 Environmental remote sensing; GIS applications; threatened species habitat mapping; landscape connectivity modeling; biodiversity assessment

*Instructors:*

- Jennifer Grek Martin, MSc (UW-Madison), MLIS (Dalhousie) jgrekmartin@dal.ca

*Department of Earth and Environmental Sciences*

Cartography; the role of media in geographic understanding and sense of place;  
place in science fiction and fantasy literature and film

*Sessional/Adjunct Instructors:*

Peter Bush, PhD (Western Ontario) [peter.bush@dal.ca](mailto: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](mailto: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/>

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**Department Offers**

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

**Faculty**

*Email Address:*

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](mailto:geography@lakeheadu.ca)

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

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### Department Offers

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

### Faculty - Thunder Bay Campus

#### *Professors Emeriti:*

#### *Email Address:*

Robert S. Dilley, PhD (McMaster)

Robert.Dilley@lakeheadu.ca

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

Weather in the novels of Arthur Ransome

David D. Kemp, PhD (Edinburgh)

David.Kemp@lakeheadu.ca

19th and 20th century climate change in Northwestern Ontario

Global environmental issues

Weather, climate and the fur trade

Brian J. Lorch, PhD (Queen's)

Brian.Lorch@lakeheadu.ca

Big-box retail landscapes

Reconfiguration of Canadian regional shopping centres

Brian A.M. Phillips, PhD (Wales)

brianph@shaw.ca

Ichthyofaunal and geomorphic evidence for pre-Agassiz and early Agassiz

discharges to Lake Superior through the Ontario/Minnesota borderlands

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

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

of currently discovered Paleo sites

Bradley A. Wilson, PhD (Calgary)

Brad.Wilson@lakeheadu.ca

Landscape and land cover diversity mapping and change detection

Mapping food security in urban and rural environments

Research of image processing techniques to extract useful information from

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

Virtual Reality, stereoscopic visualizations for urban planning & other applications

#### *Professor:*

Todd A. Randall<sup>1</sup>, PhD (McMaster)

Todd.Randall@lakeheadu.ca

Attitudes towards urban intensification and diversification

Impacts of demographic changes on land use in Northern urban areas

Neighbourhood-scale evaluation of urban sustainability

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<sup>1</sup> Dean, Faculty of Science and Environmental Studies

## Urban planning applications of GIS

*Associate Professors:*

- Adam Cornwell<sup>2</sup>, PhD (Toronto) [acornwel@lakeheadu.ca](mailto: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<sup>3</sup>, PhD (McGill) [Martha.Dowsley@lakeheadu.ca](mailto:Martha.Dowsley@lakeheadu.ca)  
 Biogeography of the Thousand Islands, Ontario  
 Common property theory  
 Inuit and natural resource management  
 Polar bear conservation
- Muditha Heenkenda, PhD (Australia) [muditha.heenkenda@lakeheadu.ca](mailto:muditha.heenkenda@lakeheadu.ca)  
 Remote sensing for natural resource applications including forestry  
 Remotely Piloted Aircraft Systems  
 Geographic Information Systems (GIS)  
 Spatial Analysis  
 Precision Agriculture  
 Geostatistics
- Robert M. Stewart, PhD (Manitoba) [Rob.Stewart@lakeheadu.ca](mailto: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](mailto: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](mailto:Kamil.Zaniewski@lakeheadu.ca)  
 Glacial history of Northwestern Ontario  
 Glacial history of Southwestern Manitoba  
 Micromorphology of soils and glacial sediments

*Adjunct Professors:*

- Effah Antwi, PhD (Brandenburg)
- Daniel Duckert, PhD (Lakehead) [drducker@lakeheadu.ca](mailto:drducker@lakeheadu.ca)
- Brian Dunn, PhD (Oxford) [bpdunn@lakeheadu.ca](mailto:bpdunn@lakeheadu.ca)
- Charles Levkoe, PhD (Toronto) [clevkoe@lakeheadu.ca](mailto:clevkoe@lakeheadu.ca)
- Jason Prno, PhD (Wilfrid Laurier) [jjprno@lakeheadu.ca](mailto:jjprno@lakeheadu.ca)

**Faculty - Orillia Campus***Associate Professors:*

- Florin Pendea, PhD (McGill) [ifpendea@lakeheadu.ca](mailto:ifpendea@lakeheadu.ca)

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<sup>2</sup> Chair (Faculty information as of July 1, 2021)

<sup>3</sup> Cross-appointed with Anthropology



Rosario Turvey, PhD (Waterloo)

rturvey@lakeheadu.ca

*Assistant Professor (Non-Tenure Track):*

Reginald Horne, PhD (Lancaster, UK)

reg.horne@lakeheadu.ca

Social and economic life in industrial Orillia 1870-1940

Social and health Issues in Simcoe County

## 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](mailto:nigel.roulet@mcgill.ca)

Website: <https://www.mcgill.ca/geography/>

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

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### Department Offers

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

### Faculty

#### *Professors Emeriti:*

#### *Email Address:*

Tim Moore, PhD (Aberdeen)

[tim.moore@mcgill.ca](mailto:tim.moore@mcgill.ca)

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

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

Soils and global change

Detection of graves by trace gases

Sherry Olson, PhD (John Hopkins)

[sherry.olson@geog.mcgill.ca](mailto:sherry.olson@geog.mcgill.ca)

A GIS platform for studying the 19th-century city

Public health issues in Montreal 1880 and today

Work environments in the 19th-century city

Wayne Pollard, PhD (Ottawa)

[wayne.pollard@mcgill.ca](mailto:wayne.pollard@mcgill.ca)

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

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

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

Polar landscapes as analogues for Mars

George Wenzel, PhD (McGill)

[george.wenzel@mcgill.ca](mailto:george.wenzel@mcgill.ca)

Northern peoples—renewable resource harvesting in Arctic Canada

Canadian public policy and indigenous people

Hunter-Gatherer subsistence and social economy

Inuit memories of geophysical phenomena

#### *Professors:*

Gail Chmura, PhD (Louisiana State)

[gail.chmura@geog.mcgill.ca](mailto:gail.chmura@geog.mcgill.ca)

Wetland dynamics

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

Oliver Coomes, PhD (Wisconsin-Madison) [oliver.coomes@mcgill.ca](mailto: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 Roulet<sup>1</sup>, PhD (McMaster) [nigel.roulet@mcgill.ca](mailto: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](mailto: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](mailto: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](mailto: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](mailto:sebastien.breau@mcgill.ca)  
 Economic geography  
 Spatial dimensions of inequality  
 Regional development  
 Quantitative methods

- Benjamin Forest, PhD (UC Los Angeles) [benjamin.forest@mcgill.ca](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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

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 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](mailto: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

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### 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)

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Janok Bhattacharya <sup>1</sup> , PhD (McMaster) 3D facies architecture of shallow marine Paralic, fluvial depositional systems Sequence stratigraphy	<a href="mailto:bhattaj@mcmaster.ca">bhattaj@mcmaster.ca</a>
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 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

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 Health geography  
 Spatial data analysis and statistics  
 Transportation modelling

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 Geoarchaeology  
 Geographic information systems  
 Isotope geochemistry  
 Marine archaeology  
 Micropaleontology (foraminifera)  
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 Paleoenvironmental analysis

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 Built environment  
 Geographic info systems for transportation (GIS-T)

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 Contaminant hydrogeology  
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 Soil physics and hydrogeology  
 Vadose zone hydrology  
 Water flow and contaminant transport in the subsurface

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 Informal/family caregiving  
 Home/community health care

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 Women's health  
 Sense of place  
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 Program planning and evaluation  
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 Environmental magnetism  
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 Immigrant Integration  
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 Migration and Development  
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 Community-engaged research for northern sustainability  
 Human dimensions of environmental change  
 Indigenous knowledge  
 Inuit Nunangat (Inuit homelands)  
 Northern governance and co-management  
 Cross-cultural research ethics and methodologies  
 Suzanne Mills\*, PhD (Saskatchewan) smills@mcmaster.ca  
 Aboriginal identity and work in natural resource, labour and the environment  
 Construction trades unions  
 Equity and unions  
 Gender  
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 Paleoceanography and paleoclimatology  
 Sedimentary geology  
 Stable isotope geochemistry  
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Tectonic processes	
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Field geology	
Magmatism	
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Child health	
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Pedagogical studies including the assessment of the effectiveness of teaching and learning methods	
Philosophies of teaching	
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Critical identity, ethnic, and race studies	
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Immigration	
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Diploma in Geographic Information Sciences\*

## Faculty

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Joel Finnis, PhD (Colorado)  
Arn Keeling<sup>1</sup>, PhD (British Columbia)  
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### Department Offers

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### Faculty

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Brad Walters<sup>1</sup>, PhD (Rutgers)  
Human ecology  
Mangrove forests and people  
Tropical deforestation and land use change  
Climate change politics and policy  
Research methodology in human ecology

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Past climate change  
Paleolimnology  
Environmental stressors and pollution  
Ecosystem monitoring of inland waters

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David Lieske, PhD (Calgary)  
Species distribution modelling  
Biodiversity monitoring and conservation  
Environmental hazard and risk assessment  
Geographic Information Systems

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Freshwater ecosystems  
Branaavan Sivarajah, PhD (Queens)  
Palaeolimnology / limnology  
Heavy metal pollution of freshwater

## Mount Royal University

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### Department Offers

Mount Royal University is 100+ year institution that focuses on quality undergraduate Education, with relatively small classes and personalized teaching. Undergraduates are also directly involved in faculty research programs. MRU has a Geography Minor, and a Geography Concentration in General Science. There are various programs with Geography content: a GIS cognate in Computer Science, Geography courses within the Aviation and Ecotourism and Outdoor Leadership programs, and option courses in many other programs of study (Biology, Canadian Studies, Environmental Humanities, and Social Studies Minor).

### Faculty

#### *Professors:*

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### Department Offers

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### Faculty

#### *Professors Emeriti:*

Roman Brozowski, PhD (Western)

Dave Rees, PhD (Ottawa)

Keith Topps, PhD (Kansas)

#### *Professors:*

Jeff Dech, PhD (Western)

Forest and community ecology

Dendrochronology

Ecological modeling

Silviculture

April James<sup>1</sup>, PhD (McGill)

Watershed and isotope hydrology

Hydrological modeling

Mukund Jha, PhD (Saskatchewan)

Chemical synthesis

Green and medicinal chemistry

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Dan Walters<sup>2</sup>, PhD (Western)

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Email: [lindsey.morey@queensu.ca](mailto: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)

[godlewsk@queensu.ca](mailto:godlewsk@queensu.ca)

Indigenous-Settler relations in Canada

Literary geographies

The history of geography

Colonialism and imperialism

The map and society

Geographies of Chocolate

Peter Goheen, PhD (Chicago)

[goheenp@queensu.ca](mailto:goheenp@queensu.ca)

Historical

Urban

John Holmes, PhD (Ohio State)

[holmesj@queensu.ca](mailto:holmesj@queensu.ca)

Urban and regional political economy

Economic geography

Labour geography

Audrey Kobayashi, PhD (UC Los Angeles)

[kobayasi@queensu.ca](mailto:kobayasi@queensu.ca)

Activism

Social justice

Housing

Racism

Human rights

Feminism

Immigration

Critical disability studies

Law and geography, theory

Canada and Ireland

Hok-Lin Leung, PhD (Reading)

[leungh@queensu.ca](mailto:leungh@queensu.ca)

Land use planning

Urban design

Policy planning and evaluation

Cultural comparison

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](mailto: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](mailto:david.gordon@queensu.ca)  
Suburbs in Canada, Australia and USA  
Planning history, especially Ottawa  
Capital cities  
Urban redevelopment, especially waterfronts  
Community design
- Melissa Lafrenière<sup>1</sup>, PhD (Alberta) [melissa.lafreniere@queensu.ca](mailto:melissa.lafreniere@queensu.ca)  
Biogeochemistry of cold environments  
Hydrology  
Carbon and nutrient cycling in alpine and arctic catchments
- Warren Mabee<sup>1</sup>, PhD (Toronto) [warren.mabee@queensu.ca](mailto:warren.mabee@queensu.ca)  
Forests and energy  
Bioenergy and biofuel technology  
Regional energy systems
- Beverly Mullings, PhD (McGill) [mullings@queensu.ca](mailto:mullings@queensu.ca)  
Feminist political economy and Social reproduction,  
Decolonial/Anti-colonial geographies  
Labour geographies  
Racial capitalism  
Diaspora governance, Caribbean
- Mark Rosenberg<sup>2</sup>, PhD (LSE) [mark.rosenberg@queensu.ca](mailto:mark.rosenberg@queensu.ca)  
Aging across Canada  
Geographies of voluntarism  
Health and medical geography  
Public policy
- Paul Treitz, PhD (Waterloo) [paul.treitz@queensu.ca](mailto: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](mailto:ajay.agarwal@queensu.ca)  
Travel behaviour of Generation Y  
Determinants of changes in urban spatial structure  
Promoting public transit in midsize Canadian cities

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<sup>1</sup> Head (Faculty information as of July 1, 2022)

<sup>2</sup> 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 <sup>1</sup> , 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 <sup>3</sup> , 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 <sup>4</sup> , 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

---

<sup>1</sup> Canada Research Chair

<sup>3</sup> Acting Director of SURP – Winter 2022

<sup>4</sup> Director of SURP – Fall 2021



Surface-atmosphere interactions influenced by management and human-induced modification of ecosystems

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)  
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- 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

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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:*

#### *Email Address:*

Robert J. McCalla, PhD (Hull)

Hugh Millward, PhD (Western Ontario)

#### *Professors:*

Catherine Conrad, PhD (Wilfrid Laurier)

[cconrad@smu.ca](mailto:cconrad@smu.ca)

West Africa: Irregular migration

Climate change and environmental migration

Perceptions of climate change and environmental change

Philip Giles<sup>1</sup>, PhD (Calgary)

[philip.giles@smu.ca](mailto: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](mailto:cristian.suteanu@smu.ca)

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

Epistemological aspects of our relations with the environment

Future education towards sustainability

Danika van Proosdij, PhD (Guelph)

[dvanproo@smu.ca](mailto: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

---

<sup>1</sup> Chairperson

*Associate Professors:*

- Jason Grek-Martin, PhD (Queen's) [jason.grekmartin@smu.ca](mailto: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<sup>th</sup>-century Canadian West
- Min-Jung Kwak, PhD (British Columbia) [min-jung.kwak@smu.ca](mailto: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](mailto: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](mailto:peter.bush@smu.ca)  
 Landscape ecology  
 Old-growth forests  
 Geomatics  
 Protected areas
- Karen Harper, PhD (Alberta) [karen.harper@smu.ca](mailto:karen.harper@smu.ca)  
 Plant biogeography  
 Forest edges  
 Landscape heterogeneity  
 Spatial pattern analysis
- Khan Rahaman, PhD (Tokyo; Calgary) [khan.rahaman@smu.ca](mailto:khan.rahaman@smu.ca)  
 Climate change modeling, impacts, and vulnerability assessment  
 Application of GIS and remote sensing in local warming modeling, disaster impacts and management  
 Environmental management, sustainability, and urban health  
 Urban built environment, pedestrianization, and non-motorized transportation planning
- HM Tuihedur Rahman, PhD (McGill) [hm.rahman@mail.mcgill.ca](mailto:hm.rahman@mail.mcgill.ca)  
 Climate vulnerability and adaptation  
 Sustainable natural resource management  
 Nature-based solutions  
 Sustainable rural development

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---

## Department Offers

BA, BSc, BEnv, MA, MSc, PhD

## Faculty

### *Professors Emeriti:*

Robert C. Brown, Leonard J. Evenden, Alison Gill, Roger Hayter, Edward (Ted) Hickin, Peter Keller, 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<sup>1</sup>, PhD (Bristol)

blomley@sfu.ca

Law

Space and power

Property and space

Tracy Brennand, 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<sup>2</sup>, 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 complex spatial dynamic systems

GeoSimulation, Geo-AI and soft computing

Modeling land use and land cover changes

---

<sup>1</sup>Department Chair / <sup>2</sup>Associate VP Research

Paul Kingsbury <sup>3</sup> , PhD (Kentucky) Cultural Geography Psychoanalysis Social theory Paranormal cultures	kingsbury@sfu.ca
Lance Lesack, PhD (UC Santa Barbara) Biochemistry of lakes in the MacKenzie Delta Ecosystem biogeochemistry Land and water interactions Limnology	llesack@sfu.ca
Geoff Mann, PhD (UC Berkeley) Macroeconomic policy Poverty & unemployment Politics of climate change Political economy	geoffm@sfu.ca
Eugene McCann, PhD (Kentucky) Geographies of policy mobilities Urban politics and policy-making Geographies of drug policy Urban development	emccann@sfu.ca
Nadine Schuurman, PhD (British Columbia) Spatial epidemiology Health geography Critical GIScience GIS Ontologies	nadine@sfu.ca
Kirsten Zickfeld, PhD (Potsdam) Climate science Earth system modeling Climate-carbon cycle feedbacks Carbon budgets Carbon dioxide removal	kzickfel@sfu.ca

*Associate Professors:*

Rosemary Collard, PhD (British Columbia) Political ecology Feminist political economy Capitalism Wildlife management Biodiversity loss	rcollard@sfu.ca
---	-----------------

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<sup>3</sup> Special Advisor to the AVP Learning & Teaching

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	
Leigh Joseph, PhD (University of Victoria)	leigh_joseph@sfu.ca
Ethnobotany	
Indigenous Geographies	
Indigenous Ecology	
Place-based Knowledge	
Community-based Research	
Bing Lu, PhD (Toronto)	b_lu@sfu.ca
Remote sensing	
Ecosystem modelling	
Coastal dynamics	
Environmental change	
Spatial analysis	

*University Lecturer:*

Shivanand Balram, PhD (McGill)	sbalram1@sfu.ca
Spatial & Geographic Information Science	
Learning & Teaching in Higher Education	
Spatial Decision Support System	

## Quantitative Geography

### *Senior Lecturers:*

Andrew Perkins, PhD (Simon Fraser) Hazards Geochronology Paleoglacialology	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
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### *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](mailto: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](mailto:kstrauss@sfu.ca)  
 Labour geography  
 Economic geography  
 Feminist political economy  
 Social reproduction  
 Legal geography  
 Pensions
- Joseph E. Taylor III, PhD (Washington) [taylorj@sfu.ca](mailto:taylorj@sfu.ca)  
 Environmental history of fisheries  
 Recreation  
 Gentrification  
 Outdoor sports  
 Public lands
- Jeremy Venditti, PhD (British Columbia) [jeremy\\_venditti@sfu.ca](mailto: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](mailto:tday@okanagan.bc.ca)  
 Geography education  
 The nature of physical geography
- Alexandra Flynn, PhD (Osgoode) [flynn@allard.ubc.ca](mailto:flynn@allard.ubc.ca)  
 Legal geography  
 Space and power  
 Property law  
 Urban governance
- Jeremy Fyke, PhD (Victoria University of Wellington) [fykej@ae.ca](mailto:fykej@ae.ca)  
 Climate change modelling and application
- Nathan Gillet, D. Phil (Oxford) [nathan.gillett@canada.ca](mailto:nathan.gillett@canada.ca)  
 Climate change modelling and attribution
- Brandon Heung, PhD (Simon Fraser) [Brandon.Heung@dal.ca](mailto: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](mailto:olav.lian@ufv.ca)  
 Quaternary sedimentology and stratigraphy  
 Luminescence dating
- Andrew MacDougall, PhD (University of Victoria) [amacdoug@stfx.ca](mailto:amacdoug@stfx.ca)  
 Climate science

Earth system modelling	
Climate-carbon cycle feedbacks	
Global Biogeochemical Cycles	
Zero Emissions Commitment	
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	
Margaret Marietta Ramirez, PhD (Washington)	mm_ramirez@sfu.ca
Racial geographies	
Social justice movements	
Urban and cultural geographies	
Decolonial geographies	
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	

## The King's University

### Geography Program

9125 50 Street NW, Edmonton, AB T6B 2H3

(780) 465-3500 — Fax (780) 465-3534

Email: [nancy.burford@kingsu.ca](mailto:nancy.burford@kingsu.ca)

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---

### Department Offers

BA and BSc in Environmental Studies, Geography minor only

### Faculty

#### *Professor Emeritus:*

#### *Email Address:*

Harry Spaling, PhD (Guelph)

[harry.spaling@kingsu.ca](mailto:harry.spaling@kingsu.ca)

Sustainability of rural resource-based livelihoods in East Africa

Community-based environmental assessment of NGO development projects

African creation wisdom

#### *Professor:*

Vern Peters, PhD (Alberta)

[vern.peters@kingsu.ca](mailto:vern.peters@kingsu.ca)

Cross-Appointed with Biology

Reproductive ecology of conifers

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

Fire ecology of boreal, montane, and subalpine ecosystems

#### *Associate Professor:*

Joanne M. Moyer, PhD (Manitoba)

[joanne.moyer@kingsu.ca](mailto:joanne.moyer@kingsu.ca)

Environmental sustainability within faith communities

Learning for sustainability (Transformative Learning Theory)

Community-based sustainability initiatives, public participation, and governance

#### *Assistant Professor:*

Adrian Beling, PhD (Humboldt – Berlin)

[adrian.beling@kingsu.ca](mailto:adrian.beling@kingsu.ca)

Cross-Appointed with Sociology

Sustainability transition: theory, agents, conditions

Politics, society, and culture in sustainability governance theory

Civil society, religion & church and the public sphere

Social-ecological sustainability discourses

#### *Work Integrated Learning Coordinator (ENVS):*

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

Environmental career development

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Geography and Environmental Studies Program,  
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---

## Department Offers

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

## Faculty

### *Professors:*

### *Email Address:*

Darryl Carlyle-Moses, PhD (Toronto)

dcarlyle@tru.ca

Ecohydrology

Micrometeorology

Urban hydrology and meteorology

David Hill,<sup>1</sup> PhD (Illinois at Urbana-Champaign)

dhill@tru.ca

Data mining

Environmental sensing

Spatiotemporal modelling

Natural resource management

Michael Mehta, PhD (York)

mmehta@tru.ca

Air quality

Citizen science

Risk

Renewable energy

Sustainability

### *Associate Professors:*

Tom Waldichuk, PhD (York)

twaldichuk@tru.ca

Geography of Japan

Rural-urban fringe

Field education

Rural Sustainability

---

<sup>1</sup> Co-ordinator-2

*Associate Teaching Professor:*

Crystal Huscroft,<sup>2</sup> MSc (Simon Fraser) [chuscroft@tru.ca](mailto: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](mailto: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](mailto:knaqvi@tru.ca)  
Sustainable development theory and practice  
Changing economic and cultural landscapes  
Colonial and post-colonial geography  
The Americas

---

<sup>2</sup> Co-ordinator-1

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

### **Faculty**

#### *Professors Emeriti:*

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

#### *Professors:*

#### *Email Address:*

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

- Globalisation and territory  
 Environmental perception  
 Statistical methods  
 Economic geography
- K. Wayne Forsythe, PhD (Salzburg) [forsythe@torontomu.ca](mailto:forsythe@torontomu.ca)  
 Assessing Great Lakes sediment contamination  
 Geospatial analysis and geovisualization  
 Change detection using remote sensing and GIS
- Andrew Millward<sup>1</sup>, PhD (Waterloo) [millward@torontomu.ca](mailto:millward@torontomu.ca)  
 Biogeography  
 Disturbance ecology (ice storms, wind storms, hurricanes)  
 Environmental applications of remote sensing  
 Land Geographic Information Systems (LGIS)  
 Urban forestry
- Claus Rinner<sup>2</sup>, PhD (Bonn) [crinner@torontomu.ca](mailto: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](mailto: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](mailto: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, PhD (Queen's, Canada) [datkinson@torontomu.ca](mailto: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](mailto:bceh@torontomu.ca)  
 Urban and Regional Development  
 Urban Sustainability  
 Spatial Methods and Analyses  
 Business, Commercial, and Retail Geography

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<sup>1</sup> Undergraduate Program Director, Environment and Urban Sustainability

<sup>2</sup> Undergraduate Program Director, Geographic Analysis

- Quantitative Geography  
 Sutama Ghosh<sup>3</sup>, 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
- Tor Oiamo<sup>4</sup>, PhD (Western Ontario) tor.oiamo@torontomu.ca  
 Exposure assessment  
 Environmental modelling  
 Health risk assessment  
 GIS and spatial statistics  
 Health and medical geography
- Claire Oswald<sup>5</sup>, 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
- Greg Oulahen, PhD (Western Ontario) greg.oulahen@torontomu.ca  
 Human-environment interaction  
 Hazards, Flood  
 Risk, vulnerability
- Eric Vaz<sup>6</sup>, 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

*Assistant Professors:*

- Evan Cleave<sup>7</sup>, PhD (Western Ontario) evan.cleave@torontomu.ca  
 Place branding and marketing  
 Local economic development planning, policymaking, and practice  
 Immigration in a Canadian context
- Emmanuel Kyeremeh, PhD (Western Ontario) ekyeremeh@torontomu.ca  
 Immigrant Integration  
 Migrant Networks  
 Food Insecurity

<sup>3</sup> Chair of the CAG Diversity, Migration, Ethnicity and Race Study Group

<sup>4</sup> Department Chair (as of July 1, 2024)

<sup>5</sup> Vice-President, Canadian Geophysical Union

<sup>6</sup> Graduate Program Director, Spatial Analysis

<sup>7</sup> President, Canadian Association of Geographers - Ontario Division (CAGONT) and  
 Chair of the CAG Urban Geography Study Group



Return Migration Network Analysis Transnationalism Immigrant and Population Health Climate change adaptation	
Cheryl Rogers, PhD (Toronto)	cheryl.a.rogers@torontomu.ca
Remote sensing Terrestrial carbon cycle Global change ecology Ecophysiology	
Christopher Wellen, PhD (Toronto)	christopher.wellen@torontomu.ca
Watershed hydrology and biogeochemistry Watershed modelling and analysis Environmental statistics and uncertainty analysis Agroecosystem hydrology and water quality Urban hydrology and water quality	
Madeline Whetung, PhD (UBC-Vancouver)	madeline.whetung@torontomu.ca
Decolonization, gender, race, law, and violence Violence and harm across multi-scalar, intercultural, and interethnic queer relationships	
Ismahan Yusuf, PhD (Western)	ismayusuf@torontomu.ca
Black and racialized geographies Black Feminist Thought Intersectionality Queer theory Critical geopolitics	

*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 Geography of Toronto Globalisation and territory Immigration and transnationalism Relocation/dislocation of residents in the urban gentrification process	
Christopher Daniel, PhD (Toronto Metropolitan)	c2daniel@torontomu.ca
Business/Retail Geography Land Economics	

Urban Planning  
 Spatial Databases  
 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  
 Hugh Simmonds, PhD (Waterloo) hugh.simmonds@torontomu.ca  
 Recreation, Leisure and Tourism  
 Sustainability, Climate Change and Regional Geographies  
 Policy, Planning and Community Development  
 Cultural Industries, Internationalization, Intersectionality and Inclusion

*Adjunct Professors:*

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

*Administrative Staff:*

Lisa Benadiba spatial@torontomu.ca  
*Graduate Program Administrator—Spatial Analysis*  
 Natasha Chawdhry natasha.chawdhry@torontomu.ca  
*Undergraduate Program Administrator—Geographic Analysis*  
 Anastasia Komarovska akomarovska@torontomu.ca  
*Department Administrator*  
 Mindy Vuong mindy.vuong@torontomu.ca  
*Undergraduate Program Administrator—Environment and Urban Sustainability*

## Trent University

School of the Environment  
1600 West Bank Drive, Peterborough, ON K9L 0G2  
(705) 748-1011, ext. 7686

Email: [tse@trentu.ca](mailto:tse@trentu.ca)

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

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### Department Offerings

#### Bachelor's Degrees

- [Climate Change Science and Policy \(BSc\)](#)
- [Ecological Restoration \(BSc\)\\*](#)
- [Environmental Chemistry \(BSc\)](#)
- [Environmental and Resource Science/ Studies \(BA or BSc\)\\*](#)
- [Environmental Science and Studies \(BESS\)\\*](#)
- [Environmental Geoscience \(BSc\)](#)
- [Geography \(BA or BSc\)](#)
- [Indigenous Environmental Studies and Sciences \(BA or BSc\)](#)
- [Sustainable Agriculture and Food Systems \(BA or BSc\)\\*](#)
- [Water Sciences \(BSc\)](#)

#### Diplomas

- [Circumpolar Studies \(Diploma\)](#)
- [Indigenous Environmental Science/ Studies \(Diploma\)](#)

#### Options

- [Circumpolar Studies \(Option\)](#)
- [Climate Change Communication](#)
- [Geography](#)

#### Specializations

- [Climate Change Science and Policy \(Specialization\)](#)
- [Small-Scale Farming](#)

#### Faculty

*Professors Emeriti:*

*Email Address:*

Alan G. Brunger, PhD (Western Ontario)

[abrunger@trentu.ca](mailto:abrunger@trentu.ca)

Heritage landscapes and regions – recording and interpretation

Historical geography of Ontario

- James Buttle, PhD (Southampton) [jbuttle@trentu.ca](mailto:jbuttle@trentu.ca)  
 Forest hydrology  
 Hydrological effects of land use change  
 Solute transport in the unsaturated zone
- Steven E. Franklin, PhD (Waterloo) [sfranklin@trentu.ca](mailto:sfranklin@trentu.ca)  
 Remote sensing, environmental management, habitat and biodiversity mapping
- Frederick M. Helleiner, PhD (Western Ontario) [fhelleiner@trentu.ca](mailto:fhelleiner@trentu.ca)
- Peter M. Lafleur, PhD (McMaster) [plafleur@trentu.ca](mailto:plafleur@trentu.ca)  
 Atmosphere-biosphere energy exchange on arctic tundra ecosystems  
 Energy water and carbon fluxes from boreal wetlands
- John S. Marsh, PhD (Calgary) [jmarsh@trentu.ca](mailto:jmarsh@trentu.ca)  
 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
- George A. Nader, PhD (Durham) [gnader@trentu.ca](mailto:gnader@trentu.ca)  
 A History of the Syrian-Lebanese Community in Trinidad and Tobago
- Colin H. Taylor, PhD (McGill) [ctaylor@trentu.ca](mailto:ctaylor@trentu.ca)

*Professors:*

- M. Catherine Eimers, PhD (Waterloo) [ceimers@trentu.ca](mailto:ceimers@trentu.ca)  
 Water quantity and quality  
 Soil biogeochemistry  
 Hydroclimatic change  
 Landuse change
- Cheryl L. McKenna Neuman, PhD (Queen's) [cmckneuman@trentu.ca](mailto: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](mailto:heathernicol@trentu.ca)  
 Economic development and regionalism in Canada  
 Geopolitics and security in the Circumpolar North
- Mark W. Skinner, PhD (Queen's) [markskinner@trentu.ca](mailto: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](mailto:ianpower@trentu.ca)  
 Carbon dioxide mineralization and sequestration  
 Enhanced rock weathering for CO<sub>2</sub> removal  
 Geochemical and geomicrobial processes within mine wastes  
 Natural analogues for inorganic carbon storage
- Roger M. Picton, PhD (Toronto) [rogerpicton@trentu.ca](mailto: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](mailto: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](mailto: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](mailto: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](mailto:mnehemy@trentu.ca)  
Forest Hydrology  
Isotope Hydrology  
Hillslope Ecohydrology

## Trinity Western University

Department of Geography and Environment  
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(604) 888-7511

Email: [jayne.cummins@twu.ca](mailto:jayne.cummins@twu.ca)

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

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### Department Offers

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

### Faculty

#### *Professor Emeritus:*

#### *Email Address:*

Carl Tracie, PhD (Alberta)

[tracie@twu.ca](mailto:tracie@twu.ca)

Doukhobor village settlement in western Canada  
Landscape and literature in western Canada

#### *Professors:*

David Clements<sup>1</sup>, PhD (Queen's)

[clements@twu.ca](mailto:clements@twu.ca)

Ecology of invasive plants and other species  
Restoration ecology focusing on Garry oak ecosystems

#### *Associate Professors:*

Karen Steensma<sup>2</sup>, MS (Western Washington)

[steensma@twu.ca](mailto:steensma@twu.ca)

Ecologically sustainable management of bird damage to agriculture  
Conservation of the Oregon forest snail (*Allogona townsendiana*)

Bruce Shelvey<sup>2</sup>, PhD (Arizona State)

[shelvey@twu.ca](mailto:shelvey@twu.ca)

Environmental history

#### *Assistant Professors:*

Maxwell Ofosuhene<sup>3</sup>, PhD (Saskatoon)

[maxwell.ofosuhene@twu.ca](mailto:maxwell.ofosuhene@twu.ca)

Community/regional development strategies  
Rural and urban home-based business

#### *Part-Time Instructors:*

Christopher Hall,

[Christopher.Hall@twu.ca](mailto:Christopher.Hall@twu.ca)

Land Manager and Instructor

Aimee McGowan,

[Aimee.mcGowan@twu.ca](mailto:Aimee.mcGowan@twu.ca)

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<sup>1</sup> Cross-appointed with Department of Biology

<sup>2</sup> Cross-appointed with Department of History

<sup>3</sup> Department Co-Chair

Land Use Planner  
Stuart Jones, MCIP, RPP  
Senior Policy and city Planner

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@umoncton.ca](mailto:hist-geo@umoncton.ca)

Site web : <http://www.umoncton.ca/umcm-fass-histgeo>

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### Le département n'offre

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

### Personnel enseignant (Edmundston, Moncton, Shippagan)

#### *Professeurs titulaires :*

Guillaume Fortin<sup>1 2</sup>, Ph. D. (INRS-ETE)  
Climatologie appliquée  
Changements climatiques  
Risques naturels et événements extrêmes  
Aménagement des bassins versants

#### *Adresse électronique :*

[guillaume.fortin@umoncton.ca](mailto:guillaume.fortin@umoncton.ca)

Majella Simard<sup>1</sup>, Ph.D. (UQAR)

[majella.simard@umoncton.ca](mailto:majella.simard@umoncton.ca)

Évaluation et pérennisation sociocommunautaire de la démarche Municipalités et Communautés amies des aînés (MADA-CADA) au Nouveau-Brunswick  
Le processus de dépeuplement continu dans la perspective d'un aménagement territorial durable au cours de la période 1971-2021: enjeux et impacts sur la reconfiguration spatiale du tissu de peuplement à l'est du Canada  
La contribution des commissions de services régionaux au développement territorial du Nouveau-Brunswick: facteurs de réussite et d'insuccès

#### *Professeurs agrégés :*

André Robichaud<sup>3</sup>, Ph. D. (Laval)

[andre.j.robichaud@umoncton.ca](mailto:andre.j.robichaud@umoncton.ca)

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

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<sup>1</sup> Campus de Moncton

<sup>2</sup> Directeur adjoint du Département d'histoire et de géographie

<sup>3</sup> Campus de Shippagan



*Professeure Adjointe :*

Geisa Silveira da Rocha<sup>1</sup>, Ph.D (Universidade Federal do Paraná, Brésil)

geisa.rocha@umoncton.ca

Analyse socio-environnementale du Grand Moncton : organisation, évaluation et production de données géospatiales

Évaluation de la qualité socio-environnementale urbaine dans le Grand Moncton, NB

Vulnérabilité socio-spatiale aux vagues de chaleur à Grand Moncton, NB

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<sup>1</sup> Campus de Moncton

## 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/>

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### 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 :*

claudio.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

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

*Professeurs adjoints :*

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

*Professeurs associés :*

Claude Marois, PhD (Laval)

---

<sup>1</sup> 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](mailto:geomatique@usherbrooke.ca)

Site web : [usherbrooke.ca/geomatique](http://usherbrooke.ca/geomatique)

---

### Programmes d'études offerts

Baccalauréat en géomatique appliquée à l'environnement; Microprogramme de 1<sup>er</sup> cycle en géographie; Microprogramme de 1<sup>er</sup> cycle en géomatique appliquée; Certificat en géographie; Certificat en géomatique et télédétection  
Microprogramme de 2<sup>e</sup> cycle en sciences géomatiques; Diplôme d'études supérieures spécialisées de 2<sup>e</sup> 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 :*

#### *Adresse électronique :*

Philippe Apparicio, PhD (Maine)  
Justice et équité environnementale  
Justice en transport  
Mobilité durable  
Vélo  
Géomatique appliquée aux études urbaines

Philippe.Apparicio@USherbrooke.ca

Richard Fournier, PhD (Laval)  
Géomatique thématique et SIG

Richard.Fournier@USherbrooke.ca

Cartographie des attributs de peuplements forestiers à l'aide d'imagerie satellitaire  
Méthodes de cartographie des écosystèmes végétaux en appui aux questions environnementales ou de conservation

Traitement d'images

Photographies hémisphériques

Physique de la télédétection

Utilisation du lidar terrestre pour les mesures en forêt

Kalifa Goïta, PhD (Sherbrooke)

Kalifa.Goita@USherbrooke.ca

Télédétection, SIG et risques environnementaux (inondations, feux de forêts, dégradation du milieu)

Télédétection micro-ondes (hydrologie du couvert nival, végétation, état des routes, changements climatiques)

Altimétrie par télédétection (Topographie, hauteur du couvert végétal, biomasse)

SIG, télédétection très haute résolution et mise à jour cartographique (cadastre, cartographie topographique)

Détection et analyse des changements à long terme

- Yannick Huot, PhD (Dalhousie) Yannick.Huot@USherbrooke.ca  
 Écophysiologie du phytoplancton  
 Télédétection de l'océan
- Alexandre Langlois, PhD (Manitoba) Alexandre.Langlois2@USherbrooke.ca  
 Télédétection optique et radar  
 Géomatique et géorisques  
 Géomatique et changements climatiques  
 Régions polaires et manteau neigeux
- Ramata Magagi, PhD (Institut de mécanique des fluides)  
 Ramata.Magagi@USherbrooke.ca  
 Télédétection micro-onde des paramètres de surface (sol, végétation, neige)  
 Milieux semi-arides  
     Synergie données optique et radar  
     Modélisation et développement de méthodes inverses  
     Détection du changement
- Forêts boréales  
     Modélisation et fusion d'information  
     Évolution saisonnière du signal radar  
     Estimation de l'humidité du sol en micro-onde passive (AMSR-E)
- Couvert nival  
     Modélisation  
     Discrimination neige sèche-neige humide (RADARSAT -1)  
     Effet de la végétation sur la rétrodiffusion (RADARSAT -1 et AIRSAR-POLSAR)  
     Méthodes d'estimation de l'équivalent en eau de la neige
- Pluies estimées par satellite
- Jérôme Théau, PhD (Laval) Jerome.Theau@USherbrooke.ca  
 Détection et inventaire faunique  
     Traitement d'imagerie à très hautes résolutions par réseaux de neurones convolutifs  
     Méthodes d'inventaire de la grande faune par imagerie
- Caractérisation des habitats fauniques  
     Distribution et disponibilité des ressources  
     Qualité des habitats et indicateurs environnementaux  
     Effets des pratiques de gestion sur l'état des écosystèmes  
     Fragmentation du paysage
- Caractérisation des services écologiques  
     Cartographie spatio-temporelle des services écologiques  
     Services écologiques liés aux milieux humides et hydriques  
 Évaluation de l'efficacité des réseaux d'aires protégées

*Professeurs agrégés :*

- 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

Mickaël Germain, PhD (Sherbrooke) [Mickael.Germain@USherbrooke.ca](mailto: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](mailto: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

*Professeurs adjoints :*

Frédéric Bouchard, PhD (INRS) [Frederic.Bouchard5@USherbrooke.ca](mailto: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](mailto: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

## Université du Québec à Chicoutimi

Département des sciences humaines et sociales  
Unité d'enseignement en sciences des sociétés et des territoires  
555, boulevard de l'Université, Chicoutimi (Québec)  
Adresse électronique : [s1ue\\_societes-territoires@uqac.ca](mailto:s1ue_societes-territoires@uqac.ca)  
Site Web : <https://www.uqac.ca/programme/7688-baccalaureat-en-geographie-et-en-amenagement-durable/>

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### Programmes d'études offerts

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

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

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

### Faculté

#### *Professeurs :*

#### *Adresse électronique :*

Maxime Boivin, PhD (UQAR & ENS-Lyon)

[maxime2\\_boivin@uqac.ca](mailto:maxime2_boivin@uqac.ca)

Géographie physique

Hydrogéomorphologie

Écogéomorphologie

Restauration des rivières

Relation habitat du poisson et hydrogéomorphologie

Risques naturels

Marie Fall, PhD (Montréal)

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Gouvernance, démocratie et développement durable

Développement territorial

Changements climatiques, vulnérabilité et résilience des communautés

Genre et développement

Coopération internationale, solidarité internationale et aide au développement

Martin Simard, PhD (Laval)

[mgsimard@uqac.ca](mailto:mgsimard@uqac.ca)

Géographie urbaine et régionale

Aménagement et développement territorial

Villes petites et moyennes en milieu périphérique ou nordique

Formes urbaines et développement durable



## Université du Québec à Montréal

Département de géographie

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Courriel secrétariat : [dept.geographie@uqam.ca](mailto:dept.geographie@uqam.ca)

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---

### Programmes d'études offerts

**1er cycle** : Baccalauréat en géographie, Majeure en géographie, Certificat en géographie internationale, Certificat en planification territoriale et gestion des risques

Le Département de géographie offre aussi des cours et assure la direction des programmes de 1<sup>er</sup> cycle suivants :

Baccalauréat en enseignement secondaire – Concentration sciences humaines/Univers social, 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 géomatique, DESS en résilience, risques et catastrophes, Programme court de 2e cycle en résilience, risques et catastrophes.

**3e cycle** : Doctorat en géographie

### Faculté

*Professeurs :*

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Épistémologie

Géographie culturelle

Géographie régionale

Paysage

Sens du lieu

Territorialité

Stéphane Bernard

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Géographie des systèmes agraires

Réformes foncières

Systèmes agricoles alternatifs

Souveraineté alimentaire

Environnement

Expansion agricole/déforestation

Démondialisation des territoires

Résilience socio écologique

Asie du Sud-Est, Indonésie, Malaisie

Développement

Étienne Boucher boucher.etienne@uqam.ca  
*Directeur des unités de programmes d'études de cycles supérieurs (maîtrises et doctorat)*

Climatologie et météorologie  
 Dendrochronologie  
 Eau et environnement  
 Géomorphologie fluviale  
 Paléoclimatologie  
 Paléohydrologie  
 Risque hydro et glacial  
 Sciences de la terre

Olivier Caron caron.olivier@uqam.ca

Système d'information géographique (SIG)  
 Base de données spatiale  
 Géovisualisation, photogrammétrie et LiDAR  
 Applications géomatiques dans la gestion de risques  
 Webmapping  
 Modélisation géologique tridimensionnelle  
 Cartographie géologique  
 Géomorphologie  
 Stratigraphie quaternaire  
 Géochronologie

Claude Codjia codjia.claude@uqam.ca

Systèmes d'information géographique  
 Télédétection

Mélanie Doyon doyon.melanie@uqam.ca

*Directrice des unités de programmes d'études de cycles supérieurs (DESS)*

Développement local  
 Milieux ruraux  
 Agriculture  
 Communauté nourricière  
 Sécurité alimentaire  
 Planification territoriale  
 Géographie sociale

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](mailto:germain.daniel@uqam.ca)  
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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
- Rodolphe Gonzalès [Gonzales.rodolphe@uqam.ca](mailto:Gonzales.rodolphe@uqam.ca)  
Science des données spatiales  
Analyse et modélisation  
Systèmes complexes  
Nouvelles formes cartographiques  
Automatisation des processus de collecte, d'analyse et de visualisation des données géographiques  
Logement et santé publique  
Géographie humaine
- Laurie Guimond [guimond.laurie@uqam.ca](mailto: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](mailto: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
- Sylvie Joublot-Ferré [joublot-ferre.sylvie@uqam.ca](mailto:joublot-ferre.sylvie@uqam.ca)  
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Géographie  
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Géographie sociale

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Humanisation de la ville  
Sociologie

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*Personnel professionnel et technique :*

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*Animatrice pédagogique / Coordinatrice des stages*

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*Technicien en informatique*

Mourad Gacem

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## Université du Québec à Rimouski

Département de biologie, chimie et géographie  
300 Allée des Ursulines, Rimouski (Québec), G5L 3A1  
418 723-1986, poste 1616 (géographie)

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

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### Programmes d'études offerts

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

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

### Faculté

#### *Professeurs titulaires :*

#### *Adresse électronique :*

Simon Bélanger<sup>1</sup>, PhD (Pierre et Marie Curie)

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Téledétection environnementale

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

Impacts du changement climatique sur les environnements côtiers arctiques et subarctiques

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

Pascal Bernatchez, PhD (Laval)

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

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

Réseaux de suivi environnemental des côtes du Québec maritime

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

Thomas Buffin-Bélanger, PhD (Montréal)

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Approche hydrogéomorphologique pour la gestion des cours d'eau

Étude des dynamiques glacielles dans les cours d'eau

Évaluation des bilans sédimentaires et ligneux dans les systèmes fluviaux

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<sup>1</sup> Directeur du module (1<sup>er</sup> cycle)

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



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### **Programmes d'études offerts**

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

### **Faculté**

#### *Professeurs :*

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

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#### *Chargés d'enseignement :*

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## Université Laval

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### Programmes d'études offerts

**Programmes de 1<sup>er</sup> 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 :** Maitrise avec mémoire; Maitrise avec essai (géographie appliquée); PhD; Maitrise en biogéosciences de l'environnement, Microprogramme de 2<sup>e</sup> cycle en changements climatiques; Maitrise sur mesure en action climatique

**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 :*

#### *Adresse électronique :*

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<sup>1</sup> Directrice (Information sur le département, 1<sup>er</sup> juillet 2023)

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Leila Harris, PhD (Minnesota)	lharris@ires.ubc.ca
Kuni Kamizaki (Hitotsubashi)	kuni.kamizaki@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, Jyotirmoy Barman, Scott Nordstrom

## University of British Columbia, Okanagan Campus

Geography Program

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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)

### Faculty<sup>1</sup>

#### *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

---

<sup>1</sup> Faculty information as of September 1, 2024

- Jon Corbett, PhD (Victoria) [jon.corbett@ubc.ca](mailto:jon.corbett@ubc.ca)  
 Cartography and society  
 Community based resource management  
 Community based research  
 Social networking technologies
- Lael Parrot, PhD (McGill) [lael.parrott@ubc.ca](mailto:lael.parrott@ubc.ca)  
 Landscape resilience  
 Agent-based modelling  
 Complex human-environment systems
- Carlos Teixeira, PhD (York) [carlos.teixeira@ubc.ca](mailto: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:*
- Jonathan Cinnamon, PhD (Simon Fraser) [jonathan.cinnamon@ubc.ca](mailto:jonathan.cinnamon@ubc.ca)  
 Digital geographies  
 GIS and society  
 Health geography  
 Urban geography
- Kevin Hanna, PhD (Toronto) [kevin.hanna@ubc.ca](mailto: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](mailto: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](mailto: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](mailto:donna.senese@ubc.ca)  
 Wine and food geographies  
 Transformative Tourism  
 Rural Resilience
- Robert R. Young, PhD (Calgary) [robert.young@ubc.ca](mailto:robert.young@ubc.ca)  
 Subglacial processes  
 Quaternary stratigraphy and geomorphology  
 Tertiary and Quaternary environments/events

*Assistant Professors:*

Adeniyi Asiyebi, PhD (King's College London/ KCL) a.asiyebi@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

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

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 Department of Geography  
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**Department Offers:**

BA Geography, BSc Geography, BA Urban Studies, GIS (Embedded Certificate in Geographic Information Science – Undergraduate), CGIT (Graduate Certificate in Geospatial Information Technology), MA, MGIS, MSc, PhD

**Faculty**

*Professors Emeritus:*

Dianne Draper, PhD (Waterloo)  
 Wayne Davies, PhD (University of Wales)  
 Stuart Harris, PhD (University of London)  
 Peter Herrem, MA (Minnesota)  
 Nigel Waters, PhD (Western Ontario)

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 harriss@ucalgary.ca  
 herrem@ucalgary.ca  
 nwaters@ucalgary.ca

*Professors:*

Shelley Alexander, PhD (Calgary) 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	smalexan@ucalgary.ca
Darren Bender, PhD (Carleton), <i>current Assoc. Head</i> Geographic information systems Spatial modelling Landscape ecology	dbender@ucalgary.ca
Stefania Bertazzon, PhD (Calgary) Spatial analysis Health geography Environmental health Environmental and resource management Parks and protected areas Sustainable tourism Tourism and growth management Pedagogy, contemplative, experiential	betazzs@ucalgary.ca
Gwendolyn Blue, PhD (North Carolina) Public controversies Public engagement Science and technology studies Climate change Genomic applications Posthumanism	ggblue@ucalgary.ca

- Geoffrey Hay, PhD (Montréal) [gjhay@ucalgary.ca](mailto: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) [chhugenh@ucalgary.ca](mailto:chhugenh@ucalgary.ca)  
 Earth Science  
 Climate change
- Yvonne Martin, PhD (British Columbia) [ymartin@ucalgary.ca](mailto: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](mailto:mcdermid@ucalgary.ca)  
 Remote sensing  
 Geospatial analysis  
 Environmental monitoring  
 Forest restoration  
 Wildlife habitat assessment
- Byron Miller, PhD (Minnesota) [bavrmill@ucalgary.ca](mailto: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](mailto:moorman@ucalgary.ca)  
 Environmental geophysics  
 Glacial hydrology  
 Permafrost  
 Remote sensing
- Tricia Stadnyk, PhD, P.Eng. (Waterloo) [tricia.stadnyk@ucalgary.ca](mailto:tricia.stadnyk@ucalgary.ca)  
 Hydrology and climate change  
 Watershed modelling  
 Isotope geochemistry
- John Yackel, PhD (Manitoba) [yackel@ucalgary.ca](mailto: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](mailto: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](mailto: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) *current GPD* victoria.fast@ucalgary.ca  
Urban GIS  
Spatial accessibility  
Volunteered geographic information systems  
Smart cities  
Social justice
- Andrea Freeman, PhD (Arizona) *current Dept. Head* 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) *current GPD* etretter@ucalgary.ca  
Knowledge economy  
Urban political economy  
Digitization and Natural Resources

*Senior Instructor:*

- Aaron Williams, PhD (Calgary) current UPD awill@ucalgary.ca



*Adjuncts:*

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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
Shawn Marshall, PhD (British Columbia)	marshals@ucalgary.ca

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 Websites: <http://www.ufv.ca/geo>  
<http://www.ufv.ca/pg.es>

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## 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.

## Geoscience Department

### *Department head:*

Steven Marsh, MSc (Regina)	steven.marsh@ufv.ca
Climate Change	
Water chemistry	
Environmental science	

### *Faculty:*

Carolyn Atkins, MSc (Saskatchewan)	carolyn.atkins@ufv.ca
Physical geography	
Geomorphology	
J Hughes, PhD (Simon Fraser)	j.hughes@ufv.ca
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  
Kathy Peet, BSc (UNBC) [kathy.peet@ufv.ca](mailto:kathy.peet@ufv.ca)  
Physical geography  
Scott Shupe, PhD (Arizona) [scott.shupe@ufv.ca](mailto: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.heatherington@ufv.ca](mailto:jennifer.heatherington@ufv.ca)  
Integrated Resource Management  
Sustainable tourism  
Regional and community planning  
Human and physical environments

*Adjunct Faculty:*

Lionel Pandolfo, PhD (Yale) [lionel.pandolfo@ufv.ca](mailto:lionel.pandolfo@ufv.ca)  
Synoptic climatology  
Climate variability  
Climate modeling  
Bernhard Puecker-Ehrenbrink, PhD (Max Planck) [bpeucker@whoi.edu](mailto:bpeucker@whoi.edu)  
Global rivers  
Geochemistry

*Post-doctoral Fellows:*

Maria Schaarschmidt [maria.schaarschmidt@ufv.ca](mailto:maria.schaarschmidt@ufv.ca)  
Luminescence dating  
Geochronology  
Environmental science  
Samuel Woor [samuel.woor@ufv.ca](mailto:samuel.woor@ufv.ca)  
Luminescence dating  
Sedimentology  
Geomorphology  
Quaternary climate change

**Planning, Geography & Environmental Studies Department**

*Department head:*

Afia Raja, PhD (Texas A&M) [afia.raja@ufv.ca](mailto:afia.raja@ufv.ca)  
Urban planning  
Geographic information systems  
Sustainable transportation

Smart cities  
Affordable housing

*Program Chairs:*

- |   |                                  |
|---|----------------------------------|
| <p>Cherie Enns, RPP, PhD (Tanzania)<br/>Program Chair: Planning<br/>Tactical urbanism<br/>Urban planning policy<br/>Climate change<br/>Pandemic planning<br/>Refugee settlement and development policy<br/>Children and the city<br/>History of planning</p>        | <p>cherie.enns@ufv.ca</p>        |
| <p>Stefania Pizzirani, PhD (Massey)<br/>Program Chair: Environmental Studies<br/>Environmental resource management<br/>Community forestry<br/>Indigenous research<br/>Life cycle sustainability assessment</p>  | <p>stefania.pizzirani@ufv.ca</p> |
| <p>Mariano Mapili, PhD (UBC)<br/>Program Chair: Geography<br/>Agricultural biogeography and conservation<br/>Geographic Information Systems<br/>Biological remediation of contaminated environments<br/>Agricultural waste management<br/>Environmental studies</p> | <p>mariano.mapili@ufv.ca</p>     |

*Faculty:*

- |   |                                |
|---|--------------------------------|
| <p>Randal Arsenault, PhD<br/>Sustainability<br/>Intercultural competence<br/>Climate change</p>   | <p>randal.arsenault@ufv.ca</p> |
| <p>Daniel Iwama, PhD (University of California, Los Angeles)<br/><br/>Urban and regional planning<br/>Militarism<br/>Global Indigenous politics<br/>Planning history &amp; theory<br/>Legal/political geography</p> | <p>daniel.iwama@ufv.ca</p>     |
| <p>Lenore Newman, PhD (York)<br/>Agricultural land use<br/>Agricultural technology<br/>Global food systems</p>  | <p>lenore.newman@ufv.ca</p>    |

*Limited Term Faculty:*

- |   |                                      |
|---|--------------------------------------|
| <p>Jennifer Heatherington, MRM (Simon Fraser)</p> | <p>jennifer.heatherington@ufv.ca</p> |
|---|--------------------------------------|

Integrated Resource Management  
Sustainable tourism  
Regional and community planning  
Human and physical environments

*Emeritus Faculty:*

John Belec, PhD (Queens) Urban studies, Housing Cross-border regions	john.belec@ufv.ca
David Gibson, MA (UC Davis) Cultural geography Mexico	david.gibson@ufv.ca

*Adjunct Faculty:*

Alex Awiti, PhD (Nairobi) Ecosystem ecology Infrastructure planning	alex.awiti@aku.edu
Alissa Cook, RPP, MCIP Urban planning Planning policy & engagement Refugee housing & settlement	alissa.cook@ufv.ca
Carl Isaak, MA	carl.isaak@ufv.ca
Stephen O. Otieno, PhD	stephen.otieno@ufv.ca
Albert Nyiti Urban planning Global south urban theory Housing	albert.nyiti@ufv.ca
Dave Schaepe, PhD (UBC) Stó:lō archaeology and anthropology Cultural heritage, policy, and tourism	dave.schaepe@stolonation.bc.ca
Daniel Selbie, PhD	daniel.selbie@ufv.ca
Michael von Hausen, MA, RPP	michael.vonhausen@ufv.ca

## 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](mailto:geogundg@uoguelph.ca)

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

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### Department Offers

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

### Faculty

#### *Professors Emeriti:*

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

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reidk@uoguelph.ca  
kmiyanis@uoguelph.ca  
mmoss@uoguelph.ca  
nickling@uoguelph.ca  
bsmit@uoguelph.ca  
kctan@uoguelph.ca  
jsmithers@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	robin.roth@uoguelph.ca

Wanhong Yang, PhD<sup>1</sup> (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) rhawkins@uoguelph.ca  
 Feminist geographies  
 Everyday practices of 'global change'  
 Cultural politics of sustainability  
 Digital geographies

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

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

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<sup>1</sup> 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](mailto: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)  
Stefan Kienzle PhD (Heidelberg)

### *Email Address:*

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

### *Professors:*

Shawn Bubel, <sup>1</sup> PhD (KU Leuven)	bubest@uleth.ca
Flora and faunaturbation on the archaeological record	
Geoarchaeology and experimental archaeology	
Prehistoric archaeology of the Old and New World	
Craig Coburn, 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	

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<sup>1</sup> Co-Chair (Faculty information as of July 1, 2024)

- Ice flow dynamics and glacier surging  
 Snowpack trends in the Canadian Rockies  
 Statistical and numerical ice sheet and glacier system analysis  
 Rockslides on glaciers  
 Tributary-trunk interactions and dynamic ice flow restrictions  
 Daniel Johnson, PhD (UBC) dan.johnson@uleth.ca  
 Biodiversity  
 Ecology of semi-arid ecosystems  
 Grassland insects  
 Invasive species  
 Potato psyllid and zebra chip monitoring  
 Sustainable agriculture  
 Ecological modelling and data analysis  
 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,<sup>2</sup> PhD (Penn) mcgekm@uleth.ca  
 Historical Geography  
 Language and cultures of Near Eastern and Classical regions  
 Syro-Palestinian archaeology  
 Dena McMartin 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) townio@uleth.ca  
 Community social and economic impact of TSE's

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<sup>2</sup> Co-Chair (Faculty information as of July 1, 2024)

Community structures and the self-employment change in the Canadian and British urban systems

Employment structure of First Nations communities

Gated communities and the privatization of urban space

Geography of the voluntary sector housing initiatives

Income segregation

Population health and urban ecology of well-being

Urban and rural community differences

Wei Xu, PhD (Guelph)

wei.xu@uleth.ca

Urbanism

Labor Market and Population Dynamics

Resource and Environment Management

Regional Change and Development

Land Development

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 (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

Bronwyn Bragg, PhD (British Columbia)

bronwyn.bragg@uleth.ca

Migration

Urban and rural economic geography

Labour

Feminist political economy

Qualitative and community-based research methods

*Instructors:*

Jolene Debert  
Marcus Dostie  
Jesse Aspinall

jolene.debert@uleth.ca  
marcus.dostie@uleth.ca  
jesse.aspinall@uleth.ca

*Adjunct Faculty:*

Cárcamo, Héctor, PhD (U of C) Soil Ecology/Agricultural Entomology	hector.carcamo@canada.ca
Collingwood, Adam, PhD (Queen's) Remote Sensing	adam.collingwood@canada.ca
Kevin, Devito, PhD (York) Watershed Ecosystems/Hydrology	kevin.devito@ualberta.ca
Wayne Davies, PhD (Wales) Urban Geography Methods Exploration Geography Philosophy of Geography	wdavies@ucalgary.ca
Scott Heckbert, PhD (Melbourne) Environmental Science, student training and community engagement	scott.heckbert@aer.ca
Tom Jensen, PhD (U of A) Research, extension, and farm-level consulting experience in crops and soils.	
Larry Kawchuk, PhD (UBC) Plant Science/Botany	lawrence.kawchukl@canada.ca
Roland Kroebe, PhD (Hohenheim) Ecology Modelling	roland.kroebe@canada.ca
Ryan MacDonald, PhD (Lethbridge) Env/Sci/Hydrology	ryan.macdonald@machydro.ca
Craig Mahoney, PhD (Swansea) Wetlands, LiDAR and GIS	craig.mahoney@gov.ab.ca
Ross McKenzie, PhD (Saskatchewan) Soils and Irrigated Agriculture	rossmckenzie@shaw.ca

## University of Manitoba

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Website:

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

---

### Department Offers

MA, MSc, PhD, MEnv

### Faculty

#### *Professors:*

#### *Email Address:*

Mark Hanson\*<sup>1</sup>, PhD (Guelph)

Mark.Hanson@umanitoba.ca

Ecotoxicology  
Freshwater ecosystems

Michael Campbell, PhD (Waterloo)

Michael.Campbell@umanitoba.ca

Sustainable nature-based tourism  
Recreation ecology  
Human dimensions of wildlife management  
Community tourism and development  
Parks and protected areas planning and management

Dorthe Dahl-Jensen<sup>1</sup>, PhD (Denmark)

Dorthe.Dahl-Jensen@umanitoba.ca

Climate change  
Arctic ice  
Sea levels

John Hanesiak, PhD (Manitoba)

John.Hanesiak@umanitoba.ca

Extreme/severe weather & storms  
Climate change effects on storms  
Surface-atmosphere interactions

Stephane McLachlan, PhD (York)

Stephane.Mclachlan@umanitoba.ca

Action and participatory video research  
Biogeography of invasives  
Environmental justice and Indigenous rights  
Environmental restoration  
Experiential education and community service learning  
Participatory mapping of local rural and Indigenous knowledge  
Participatory risk analysis of disease (BSE, TB) and GM crops  
Spatiotemporal impacts of industry (e.g. Oil Sands, hydro)  
Urban agriculture and agroecology  
Watershed management and land use planning

---

<sup>1</sup> Department Head

\*Not Geographers

- 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
- Julienne Stroeve<sup>1</sup>, PhD (Colorado) Julienne.Stroeve@umanitoba.ca  
 Climate Forcing of Sea Ice
- Feiyue Wang\*<sup>2</sup>, PhD (Peking) Feiyue.Wang@umanitoba.ca  
 Environmental chemistry  
 Sea ice geochemistry  
 Biogeochemistry  
 Chemical oceanography
- 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

*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  
 Geographic imagination and artistic depiction of place  
 Family geographies  
 Therapeutic landscapes
- 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.  
 Freshwater-marine interactions in Arctic and sub-Arctic coastal and shelf waters.
- 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

---

<sup>2</sup> Canada Research Chair (Tier 1)

\*Not Geographers

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)<sup>3</sup> Nicole.J.Wilson@umanitoba.ca  
 Climate justice adaptation and transformation  
 Water governance and policy  
 Water security  
 Indigenous governance and politics  
 Community-Based Research

Juliana M. Marson, PhD (Brazil) Juliana.MariniMarson@umanitoba.ca  
 Polar physical oceanography  
 Land ice-ocean interactions  
 Role of freshwater in the polar oceans  
 Icebergs  
 Ocean and iceberg numerical modelling

Karen Alley, Ph.D. (Colorado) karen.alley@umanitoba.ca  
 Remote sensing of glaciers and ice sheets  
 Ice shelf and ice sheet dynamics  
 Glacier-ocean interaction

David Walker, PhD (Manitoba) David.Walker@umanitoba.ca  
 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

Alex Crawford, PhD (Colorado) Alex.Crawford@umanitoba.ca  
 Arctic climate system  
 Climate modeling and climate change projections  
 Synoptic-scale storms, including extreme events  
 Seasonal and long-term variability of Arctic sea ice

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<sup>3</sup> Canada Research Chair (Tier 2)

Kristina Brown, PhD (U British Columbia)<sup>4</sup> Kristina.Brown@umanitoba.ca  
Arctic Oceanography  
Marine biogeochemistry  
Freshwater-marine coupling  
Coastal ecosystems  
Carbon cycle  
Community-led observations

*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

*Distinguished Professor Emeritus:*

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

---

<sup>4</sup> Canada Research Chair (Tier 2)



## University of Northern British Columbia

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Website: [www.unbc.ca//department-geography-earth-and-environmental-sciences](http://www.unbc.ca//department-geography-earth-and-environmental-sciences)

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### Department Offers

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

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

MA & MSc (Interdisciplinary Studies)

### Faculty

#### *Professors Emeriti:*

Gail Fondahl, PhD (UC Berkeley)

Michael Rutherford, PhD (Alberta)

#### *Professors:*

#### *Email Address:*

Stephen Déry, IRC, PhD (McGill)

[stephen.dery@unbc.ca](mailto: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](mailto: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](mailto: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](mailto: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, PhD (UBC)

[brian.menounos@unbc.ca](mailto:brian.menounos@unbc.ca)

Paleo-environmental reconstruction

Past and present glacier fluctuations

Sediment budgeting and sediment transport in mountain environments

- Catherine Nolin<sup>1</sup>, PhD (Queen's) [catherine.nolin@unbc.ca](mailto:catherine.nolin@unbc.ca)  
 'Development', impunity, and political violence in Guatemala  
 Memory, trauma, and testimony in Guatemala  
 Qualitative methods  
 Social geography of forced migration and refugee movements  
 Social impacts of Canadian mining in Guatemala
- Philip Owens, PhD (Exeter) [philip.owens@unbc.ca](mailto: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](mailto: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](mailto: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](mailto: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:*

- Hossein Kazemian, PhD (Isfahan University) [hossein.hazemian@unbc.ca](mailto:hossein.hazemian@unbc.ca)  
 Air Pollution Measurement, Analysis, and Control (environmental and workplace-industrial hygiene)  
 Environmental Applications of porous materials  
 Nanomaterials, green technologies  
 Water and wastewater treatment technologies
- Zoë Meletis, PhD (Duke) [zoe.meletis@unbc.ca](mailto: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, CRC, PhD (Guelph) [tristan.pearce@unbc.ca](mailto:tristan.pearce@unbc.ca)  
 Arctic and South Pacific Islands Region  
 Climate change vulnerability and adaptation  
 Community-based research  
 Traditional ecological knowledge

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<sup>1</sup> Chair (faculty information as of July 1, 2024)

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

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

Adam Hawkins, PhD (UNBC) adam.hawkins@unbc.ca  
Geochronologic methods, especially cosmogenic surface exposure dating  
Geohazards in mountainous environments  
Late Pleistocene through Holocene glacier and climate change

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

*Senior Research Scientist:*

Raquel Portes, PhD (Federal University of Viçosa) raquel.portes@unbc.ca  
Geochemical erosion tracers  
Geochronology dating tools  
Soil erosion processes in natural and disturbed environments  
Soil formation and landscape evolution in post-glacial landscapes

*Senior Lab Instructors:*

Ping Bai, BSc (Beijing), MSc (Windsor) ping.bai@unbc.ca  
Christine Jackson, BSc (UBC), BEd (Western Ontario) chris.jackson@unbc.ca

*Adjunct Faculty:*

Nikhil Aravindakshan, Bill Floyd, Nikolaus Gantner, Anthony Jjumba, Sean Markey, Brendan Miller, Marleen Morris, Jason Raine, Peter Reiners, John Rex, Grahame Russell, Corinne Schiller, Daniel Selbie, and Ronald Stewart

*Associated Faculty:*

Margot Parkes

**University of Ottawa / Université d'Ottawa**  
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### Programmes d'études / Department Offers

BA, BSc, MA, MSc, PhD

### Corps professoral / Faculty

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

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Peter Johnson, PhD (Leeds)	<a href="mailto:peterj@uottawa.ca">peterj@uottawa.ca</a>
Léon Ploegaerts, PhD (Montréal)	<a href="mailto:lpgeo@uottawa.ca">lpgeo@uottawa.ca</a>
Denis St-Onge, PhD (Louvain)	<a href="mailto:dst-onge@gsc.nrcan.gc.ca">dst-onge@gsc.nrcan.gc.ca</a>
Barry Wellar, PhD (Northwestern)	<a href="mailto:wellarb@uottawa.ca">wellarb@uottawa.ca</a>
Konrad Gajewski, PhD (Wisconsin)	<a href="mailto:gajewski@uottawa.ca">gajewski@uottawa.ca</a>
Antoni Lewkowicz, PhD (Ottawa)	<a href="mailto:alewkowi@uottawa.ca">alewkowi@uottawa.ca</a>

*Professeurs titulaires / Full Professors:*

Marc Brosseau, PhD (Paris)	<a href="mailto:mbrossea@uottawa.ca">mbrossea@uottawa.ca</a>
Ecrire la ville multiculturelle	
La frontière au quotidien : l'expérience des lieux à Ottawa-Gatineau (CRSH)	
Les rencontres de la géographie et de la littérature	
Lieux et écriture : une lecture géographique de l'œuvre de Charles Bukowski	
Huhua Cao, PhD (Laval)	<a href="mailto:caohuhua@uottawa.ca">caohuhua@uottawa.ca</a>
ICCCASU International think-tank: The International Council on Canadian, Chinese and African Sustainable Urbanization ( <a href="https://icccasu.com/">https://icccasu.com/</a> )	
Luke Copland, PhD (Alberta)	<a href="mailto:luke.copland@uottawa.ca">luke.copland@uottawa.ca</a>
Dynamics, mass balance and recent changes of arctic ice caps and tidewater glaciers	
Controls on short-term variations in glacier velocity (Canadian Arctic, Yukon)	
Drift and deterioration of icebergs	
Connections between Arctic shipping, sea ice and icebergs	
Jackie Dawson, PhD (Waterloo)	<a href="mailto:jackie.dawson@uottawa.ca">jackie.dawson@uottawa.ca</a>
Climate change	
Arctic marine governance	
Arctic shipping and tourism	
Economic Development in the Arctic	
Denis Lacelle, PhD (Ottawa)	<a href="mailto:dlacelle@uottawa.ca">dlacelle@uottawa.ca</a>

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

Brenda Macdougall, PhD (Saskatchewan) [brenda.macdougall@uottawa.ca](mailto: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 Saner, PhD (Basel, Switzerland) [msaner@uottawa.ca](mailto:msaner@uottawa.ca)  
 Environmental ethics and justice  
 Governance and risk management  
 Science-policy interface

Michael Sawada, PhD (Ottawa) [msawada@uottawa.ca](mailto: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  
 Spatial controls and mechanisms of late Quaternary rapid plant migrations

André Viau, PhD (Ottawa) [aviau@uottawa.ca](mailto: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.

Luisa Veronis, PhD (Toronto) [lveronis@uottawa.ca](mailto:lveronis@uottawa.ca)  
 International migration drivers and trajectories  
 Immigration, settlement, and integration in Canadian cities  
 Francophone immigration in minority contexts  
 Experiences of skilled workers, temporary migrants, international students, and refugees

*Professeurs agrégés / Associate Professors:*

Kenza Benali, PhD (Montréal) [kbenali@uottawa.ca](mailto: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<sup>1</sup>, PhD (Waterloo) [aknudby@uottawa.ca](mailto:aknudby@uottawa.ca)

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<sup>1</sup> Department Chair

Earth Observation  
 Satellite-derived Bathymetry  
 Applications of satellite imagery to environmental and health science  
 Brian Ray, PhD (Queens) [bray@uottawa.ca](mailto: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  
 Sonia Wesche, PhD (Wilfrid Laurier) [swesche@uottawa.ca](mailto: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 adjoints/ Assistant Professors*

Charles Brunette, PhD (McGill) [charles.brunette@uottawa.ca](mailto:charles.brunette@uottawa.ca)  
 Climate change in the polar regions and the Canadian North  
 Sea ice dynamics  
 Critical remote sensing

*Senior Specialist*

Jean Bjornson, MSc (Ottawa) [bjorn@uottawa.ca](mailto:bjorn@uottawa.ca)  
 Cold environments geomorphology

*Lecturer*

Renate Sander-Regier, PhD (Ottawa) [rsander-regier@uottawa.ca](mailto:rsander-regier@uottawa.ca)  
 Environmental management  
 Environmental activism

*Professeurs auxiliaires / Adjunct Professors:*

David Burgess, PhD (Alberta) [david.burgess@nrcan.gc.ca](mailto:david.burgess@nrcan.gc.ca)  
 Michelle Chaput, PhD (Ottawa) [chaput@rcgs.org](mailto:chaput@rcgs.org)  
 Laurence Gray, PhD (Calgary) [gray@nrcan.gc.ca](mailto:gray@nrcan.gc.ca)  
 Stephen Howell, PhD (Calgary) [stephen.howell@ec.gc.ca](mailto:stephen.howell@ec.gc.ca)  
 Elena Ponomarenko, PhD (Moscou) [eponoma3@uottawa.ca](mailto:eponoma3@uottawa.ca)  
 Carolyn Whitzman (McMaster) [cwhitzma@uottawa.ca](mailto:cwhitzma@uottawa.ca)  
 Meisam Amani, PhD (Memorial) [meisam.amani@wsp.com](mailto:meisam.amani@wsp.com)  
 Erica Phipps, PhD (Queen's) [ephipps@uottawa.ca](mailto:ephipps@uottawa.ca)  
 Nicole Arbour, PhD (Ottawa) [nicole.arbour@belmontforum.org](mailto:nicole.arbour@belmontforum.org)

## University of Regina

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### Department Offers

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

### Faculty

#### *Professors Emeriti:*

#### *Email Address:*

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

Alexander.Paul@uregina.ca

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

Randy.Widdis@uregina.ca

#### *Instructor Emerita:*

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

Marilyn.Lewry@uregina.ca

#### *Professors:*

Louis Awanyo<sup>1</sup>, PhD (Queen's)  
Biodiversity change in Ghana  
Environmental health in Ghana  
In-situ housing adjustments in Accra, Ghana  
Political ecology

Louis.Awanyo@uregina.ca

Emily Eaton<sup>2</sup>, 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

---

<sup>1</sup> Luther College

<sup>2</sup> 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 geocological 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<sup>3</sup>, 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

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<sup>3</sup> Faculty of Graduate Studies and Research



## 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](mailto:geography.planning@usask.ca)

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

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### 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:*

Abraham Akkerman, PhD (Waterloo)  
O.W. (Bill) Archibold, PhD (Simon Fraser)  
Dirk H. de Boer, PhD (Alberta)  
Robert M. (Bob) Bone, PhD (Nebraska)  
Lawrence W. Martz, PhD (Saskatchewan)

#### *Email Address:*

[avi.akkerman@usask.ca](mailto:avi.akkerman@usask.ca)  
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[dirk.deboer@usask.ca](mailto:dirk.deboer@usask.ca)  
[robert.bone@usask.ca](mailto:robert.bone@usask.ca)  
[lawrence.martz@usask.ca](mailto:lawrence.martz@usask.ca)

#### *Professors:*

Alec Aitken, PhD (McMaster)	<a href="mailto:alec.aitken@usask.ca">alec.aitken@usask.ca</a>
Marine benthic ecology, Canadian Arctic	
Geoarchaeology of Paleo-Indian habitation sites	
Canadian Prairies	
Quaternary geology, Canadian Arctic Archipelago	
Scott Bell, PhD (UC Santa Barbara)	<a href="mailto:scott.bell@usask.ca">scott.bell@usask.ca</a>
Behavioural and cognitive geography	
Geographic education	
Geographic information science	
Jill Blakley, PhD (Saskatchewan)	<a href="mailto:jill.blakley@usask.ca">jill.blakley@usask.ca</a>
Regional-scale impact assessment	
Cumulative effects assessment (CEA)	
Strategic environmental assessment (SEA)	
Food security in impact assessment	
Indigenous-led cumulative effects assessment	
Xulin Guo <sup>1</sup> , PhD (Kansas)	<a href="mailto:xulin.guo@usask.ca">xulin.guo@usask.ca</a>
Grassland health monitoring	
Woody plant encroachment in grassland	

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<sup>1</sup> Department Head

- Effects of disturbances in grassland  
Remote Sensing applications in different ecosystems  
Bram F. Noble<sup>2</sup>, PhD (Memorial) [b.noble@usask.ca](mailto: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](mailto:robert.patrick@usask.ca)  
Indigenous planning  
Integrated watershed planning and management  
Drinking water source protection and management  
Source water protection
- John W. Pomeroy<sup>3</sup>, PhD (Saskatchewan) [john.pomeroy@usask.ca](mailto: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](mailto: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](mailto:cherie.westbrook@usask.ca)  
Beaver  
Ecohydrology  
Montane peatlands  
Wetlands and riparian areas

*Associate Professors:*

- Paul Hackett, PhD (Manitoba) [paul.hackett@usask.ca](mailto:paul.hackett@usask.ca)  
Diabetes in First Nations populations  
Health geography  
History of Aboriginal health  
Intimate Partner Violence  
Tuberculosis
- Corinne Schuster-Wallace<sup>4</sup>, PhD (Wilfrid Laurier) [cschuster.wallace@usask.ca](mailto:cschuster.wallace@usask.ca)  
Water and human health  
Local water security in marginalised communities  
Water-related diseased and climate change  
Coupled human-water systems and approaches

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<sup>2</sup> Vice Dean, Research, Scholarly and Artistic Work, College of Arts and Science

<sup>3</sup> Distinguished Professor, Canada Research Chair, Director, Centre for Hydrology, Director, Global Water Futures Initiative

<sup>4</sup> Executive Director, Global Institute for Water Security, starting September 1, 2023

*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@ucalgary.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
Zhihua He, PhD (Tsinghua)	Zhihua.he@wsp.com
Hydraulic Engineering	
Hydrological Modelling	
Michael Hill, PhD (Western Ontario)	mrjhill3@gmail.com
Wetlands and urban planning (with B. Noble)	
Wildlife management planning	
Wetland mitigation and policy	
Glynnis Hood, PhD (Alberta)	ghood@ualberta.ca
Environmental biology and ecology	
Beavers	
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 Marsh, PhD (Saskatchewan)	chris.marsh@usask.ca
Climate processes, climate change	
Hydrological modelling	
Chris Spence, PhD (McMaster)	chris.spence@canada.ca
Canadian Shield hydrology and hydrometeorology	
The role of storage in Canadian Prairie hydrology	

Vincent Vionnet, PhD (University Paris Est) Hydrological and snowpack modelling	Vincent.vionnet@canada.ca
Elaine Wheaton, MSc (Saskatchewan) Adaptation to climate impacts especially for agriculture and water resources Climatic extremes, especially drought and extreme precipitation Climate change	elainewheaton@sasktel.net
John Wilmshurst, PhD (Guelph) Protected areas management Remote sensing and ecology of grassland communities Species at risk recovery	jfw427@mail.usask.ca

*Professional Affiliates:*

Dr. Scott Barnes	limnosenviro@gmail.com
Tim Steuart	tjs395@mail.usask.ca
Lorelei Ford	lorelei.ford@wsask.ca
Tayyab Shah	Tayyab.shah@usask.ca

*School of Environment and Sustainability*

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

Department of Geography, Geomatics and Environment

3359 Mississauga Road, William Davis Building,

Mississauga, ON L5L 1C6

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

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### Department Offers<sup>1</sup>

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

### Faculty

#### *Emeritus Professors:*

S. Munro, V. Robinson

#### *Professors, Tenure Stream:*

#### *Email Address:*

Ronald Buliung, PhD (McMaster) 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

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<sup>1</sup> 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](mailto: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](mailto: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](mailto:laurel.besco@utoronto.ca)  
 Environment/sustainability law and policy  
 Green economy and corporate environmental norms  
 Socio-legal dimensions of climate change

Laura Brown<sup>2</sup>, PhD (Waterloo) [lc.brown@utoronto.ca](mailto: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](mailto:pierre.desrochers@utoronto.ca)  
 Energy policy  
 Food policy  
 Business-environment interface  
 Regional development  
 History of environmental thought

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

Vincent Kuuire, PhD (Western) [vincent.kuuire@utoronto.ca](mailto:vincent.kuuire@utoronto.ca)  
 Migration  
 Transnationalism and integration  
 Population health  
 Environment and health  
 Sub-Saharan Africa

Igor Lehnherr, PhD (Alberta) [igor.lehnherr@utoronto.ca](mailto:igor.lehnherr@utoronto.ca)  
 Environmental contaminants (mercury, perfluoroalkyl substances, etc.)  
 Climate change impacts in Northern/Arctic watersheds

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<sup>2</sup> Chair, Department of Geography, Geomatics and Environment, University of Toronto  
 Mississauga

Nutrient and carbon cycling  
 Aquatic biogeochemistry  
 Trevor Porter, PhD (Carleton) [trevor.porter@utoronto.ca](mailto:trevor.porter@utoronto.ca)  
 Dendrochronology  
 Paleoclimatology  
 Stable water isotopes  
 Northern Canada

*Assistant Professors, Tenure Stream:*

Praneeta Mudaliar, PhD (Ohio State) [praneeta.mudaliar@utoronto.ca](mailto:praneeta.mudaliar@utoronto.ca)  
 Human-environment interactions  
 Commons and collective action  
 Climate justice  
 Decolonizing Conservation

Jue Wang, PhD (Illinois) [gis.wang@utoronto.ca](mailto:gis.wang@utoronto.ca)  
 GIScience and geovisualization  
 Big data and spatiotemporal analysis  
 Environmental health and health geography  
 Transportation and human mobility

*Assistant Professor, Tenure Stream (Contractually Limited Term Appointment):*

Ghazal Fazli, PhD (Toronto) [ghazal.fazli@utoronto.ca](mailto:ghazal.fazli@utoronto.ca)

*Associate Professors, Teaching Stream:*

Monika Havelka, PhD (Western Ontario) [monika.havelka@utoronto.ca](mailto:monika.havelka@utoronto.ca)  
 Restoration ecology  
 Ecosystem Services  
 Urban ecology  
 Environmental education

Nicole Laliberte, PhD (Pennsylvania State) [nicole.laliberate@utoronto.ca](mailto:nicole.laliberate@utoronto.ca)  
 Anti-oppression pedagogies  
 Critical human rights  
 Feminist geopolitics

Joseph Leydon, PhD (Toronto) [joseph.leydon@utoronto.ca](mailto:joseph.leydon@utoronto.ca)  
 Pedagogy  
 Geography of retail and marketing

*Assistant Professor, Teaching Stream:*

Xiaoyong Xu, PhD (Waterloo) [xiaoyong.xu@utoronto.ca](mailto:xiaoyong.xu@utoronto.ca)  
 Hydrological Modeling and Remote Sensing  
 Water Resources and Water Cycle

Tingting Zhu, PhD (Toronto) [tingting.zhu@utoronto.ca](mailto:tingting.zhu@utoronto.ca)  
 Spatial data science  
 Environmental Remote Sensing  
 Ecosystems and environment change  
 Mineral, microbial and ecological engineering

*Assistant Professor, Teaching Stream (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
- Andrea Rishworth, PhD (Waterloo)      andrea.rishworth@utoronto.ca  
Geographies of health and care  
Environment and health  
Gender and health  
Global health  
Political ecology
- Alexis Robinson, PhD (Toronto)      alexis.robinson@mail.utoronto.ca  
Lake ice, snow and climate interactions  
GIS and spatial analysis  
Numerical modelling of lake ice  
Hydroclimatology of cold regions



## University of Toronto Scarborough

Department of Human Geography

1265 Military Trail, Toronto, ON M1C 1A4

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

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### Department Offers<sup>1</sup>

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

### Faculty

#### *Professors Emeriti:*

M. Bunce  
E. Relph  
J. Miron

#### *Professors:*

#### *Email Address:*

Mark Hunter, PhD (UC Berkeley)

[mark.hunter@utoronto.ca](mailto:mark.hunter@utoronto.ca)

AIDS in South Africa  
Education and class  
Geographies of health inequality  
Geographies of sexuality  
South African political economy

Thembela Kepe, PhD (Western Cape)

[thembela.kepe@utoronto.ca](mailto: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](mailto: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

Sharlene Mollett, PhD (Toronto)

[sharlene.mollett@utoronto.ca](mailto: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

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<sup>1</sup> 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

- Feminist and postcolonial geographies  
Residential tourism  
Steven Farber, PhD (McMaster) [steven.farber@utoronto.ca](mailto:steven.farber@utoronto.ca)  
Transportation  
Spatial analysis  
GIS
- Alison Mountz, PhD (University of British Columbia) [alison.mountz@utoronto.ca](mailto:alison.mountz@utoronto.ca)  
Political geographies of migration and displacement;  
Border studies;  
Geographies of detention, political asylum, and war resistance;  
Island studies;  
Methodologies and migration;  
Feminist, queer histories of geography
- Imre Szeman, PhD (Duke) [imre.szeman@utoronto.ca](mailto:imre.szeman@utoronto.ca)  
Energy and environmental humanities  
Politics of climate change  
Critical and cultural theory  
Social and political philosophy  
Nationalism and post-nationalism  
Technology and Society
- Associate Professors:*
- Michelle Buckley, PhD (Oxford) [michelle.buckley@utoronto.ca](mailto: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](mailto:susannah.bunce@utoronto.ca)  
Geography and planning of urban communities and neighbourhoods  
Urban sustainability and sustainable communities  
Environmental gentrification
- Mike Ekers, PhD (Oxford) [michael.ekers@utoronto.ca](mailto:michael.ekers@utoronto.ca)  
Antonio Gramsci and geography  
Ecological fixes  
Geographies of environmental work and landscapes  
Labour in the alternative food movement
- Kenneth Iain MacDonald, PhD (Waterloo) [ken.macdonald@utoronto.ca](mailto: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
- Sergio Montero Munoz, PhD (UC, Berkeley) [s.montero@utoronto.ca](mailto:s.montero@utoronto.ca)  
Urban & regional planning and governance  
Inclusive economies  
Local economic development  
Policy mobilities  
Sustainable livelihoods  
Global comparative methods

Natalie Oswin, PhD (British Columbia)	natalie.oswin@utoronto.ca
Queer and postcolonial geographies	
Global urbanism	
Geographic thought	
Politics of knowledge production	
Rajyashree Narayanareddy, PhD (Minnesota)	rajyashree.narayanareddy@utoronto.ca
Geographies of waste and labour	
Urban political ecology	
Global urbanism	

*Assistant Professors:*

Hulya Arik, PhD (York)	hulya.arik@utoronto.ca
feminist geographies of the body	
feminist geopolitics	
security and risk studies	
critical geographies of secularism and Islam	
cultural geography	
cultural industries	
Fernando Calderón Figueroa, PhD (U of T)	f.calderonfigueroa@utoronto.ca
Social infrastructure and social capital	
Urban social policy	
Neighbourhood change	
Mapping technologies for urban policy	
Urban theory	
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

Julie Mah, PhD (University of Toronto) [julie.mah@utoronto.ca](mailto:julie.mah@utoronto.ca)  
Affordable housing provision  
Evictions and eviction prevention approaches  
Gentrification and displacement (direct and indirect)  
Value capture tools (e.g., density bonusing; inclusionary zoning)  
Equitable planning approaches

*Professors, Teaching Stream:*

Ahmed Allahwala, PhD (York) [ahmed.allahwala@utoronto.ca](mailto: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

*Associate Professor, Teaching Stream:*

Glenn Brauen, PhD (Carleton) [glenn.brauen@utoronto.ca](mailto: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)**  
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Website: [www.geography.utoronto.ca](http://www.geography.utoronto.ca)

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### Department Offers<sup>1</sup>

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<sup>2,3</sup>

#### *Emeritus Professors:*

L.S. Bourne (FRSC), UTSG, J. Britton, UTSG, R. Bryan, UTSG, M. Bunce, UTSC, I. Burton (FRSC), UTSG, A. Daniere, 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. Maclaren, UTSG, T. Price, UTSC, E. Relph, UTSC, S.T. Roweis, S. Ruddick, UTSG, A. Waterhouse, UTSG

#### *Professors:*

#### *Email Address:*

George B. Arhonditsis, PhD (Aegean), UTSC	<a href="mailto:georgea@utsc.utoronto.ca">georgea@utsc.utoronto.ca</a>
Ronald Buliung, PhD (McMaster), UTM	<a href="mailto:ron.buliung@utoronto.ca">ron.buliung@utoronto.ca</a>
Karen Chapple, PhD (UC Berkeley), UTSG Economic Geography, GIS, Spatial Analysis & Modelling, Policy & Planning and Urban	<a href="mailto:karen.chapple@utoronto.ca">karen.chapple@utoronto.ca</a>
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	<a href="mailto:jing.chen@utoronto.ca">jing.chen@utoronto.ca</a>

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<sup>1</sup> 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

<sup>2</sup> UTM= University of Toronto Mississauga, UTSG=University of Toronto St George, UTSC=University of Toronto Scarborough

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

## Nested global inversion for North America carbon budgets

- Tenley Conway, PhD (Rutgers), UTM [tenley.conway@utoronto.ca](mailto:tenley.conway@utoronto.ca)  
 Deborah Cowen, PhD (Toronto), UTSG [deb.cowen@utoronto.ca](mailto:deb.cowen@utoronto.ca)  
 Geographies of citizenship, militarism, and war  
 Security and cities  
 Sub/urban politics
- Joe Desloges, PhD (British Columbia), UTSG [desloges@geog.utoronto.ca](mailto: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](mailto: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](mailto: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](mailto: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](mailto:gough@utsc.utoronto.ca)  
 Jason Hackworth, PhD (Rutgers), UTSG [jason.hackworth@utoronto.ca](mailto:jason.hackworth@utoronto.ca)  
 Political economy  
 Comparative urban policy  
 Declining cities  
 Urban abandonment
- Danny Harvey, PhD (Toronto), UTSG [harvey@geog.utoronto.ca](mailto:harvey@geog.utoronto.ca)  
 Climatic change due to human activities – scenarios and impacts  
 Global scale potential to reduce greenhouse gas emissions through energy  
 efficiency
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 Paul Hess, PhD (Washington), UTSG [hess@geog.utoronto.ca](mailto: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](mailto:mhunter@utsc.utoronto.ca)  
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*Professors, Teaching Stream:*

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 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

*Associate Professors:*

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 Peasant livelihoods in tropical forests  
 Human responses to environmental change  
 Cultural ecology, environment and development issues in Latin America

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 The policy implications of cluster evolution in the face of changing trade environments

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 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  
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Environmental behavior and subjectivity

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Health and transportation geographies  
GIS, agent-based modelling, and spatial optimization

Jun Zhang, PhD (Minnesota), UTSG	zhang@geog.utoronto.ca
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Urban and regional economic development  
Geographic theorizing of markets, states, and institutions  
Geography of innovation and entrepreneurship

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### Department Offers

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

### Faculty

#### *Professor Emeriti:*

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Synoptic climatology  
Northern Indigenous perspectives on weather  
Weather system impacts of coastal regions

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Continuum of care  
Mixed methods  
Housing insecurity  
Housing, transportation, and services  
Community-engaged research

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Water optics  
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Feminist geography, queer geography and sexuality
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Parks and protected areas  
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 Aerosol-climate interaction  
 Cryosphere-climate interaction
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 Mobile devices  
 Open data  
 The geospatial web 2.0
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 Impacts of neighborhood scale urban design on microclimates and human health
- Grant Gunn, PhD (Waterloo) [g2gunn@uwaterloo.ca](mailto:g2gunn@uwaterloo.ca)  
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- Chantel Markle, PhD (Arizona) [cmarkle@uwaterloo.ca](mailto:cmarkle@uwaterloo.ca)  
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- Seth Wynes, PhD (University of British Columbia) [swynes@uwaterloo.ca](mailto:swynes@uwaterloo.ca)  
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*Lecturers:*

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- Su-Yin Tan, PhD (Cambridge) [sy2tan@uwaterloo.ca](mailto:sy2tan@uwaterloo.ca)  
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Richard Butler, PhD (Glasgow)  
Robert Cecil, PhD (McGill)  
William Code, PhD (Berkeley)  
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Suzanne Greaves, PhD (Waterloo)  
Milford Green, PhD (Ohio State)  
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Urban development and policy analysis	
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Community responses to hazards	
Environmental risks from hazards	
Health	
Methodology	
Noxious facility siting	
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Chantelle Richmond, PhD (McGill) Aboriginal health Community-based research Health impacts of environmental change Mixed methods Social determinants of health Social support	chantelle.richmond@uwo.ca
Dan Shrubsole, PhD (Waterloo) Integrated resource management (water)	dashrubs@uwo.ca
James Voogt, PhD (British Columbia) Urban climatology	javoogt@uwo.ca
Jinfei Wang, PhD (Waterloo) GIS Remote sensing	jfwang@uwo.ca
Tony Weis, PhD (Queen's) Environmental conservation in equitable landscapes Globalization and agriculture Land reform and social movements Political ecology	aweis@uwo.ca

*Associate Professors:*

Michael Buzzelli, PhD (McMaster) Environment and health GIS Housing; Urban planning	michael.buzzelli@uwo.ca
Jeff Hopkins, PhD (McGill) Cultural geography Gender Public places	jhopkins@uwo.ca
Carol Hunsberger, PhD (Carleton) Biofuels	chunsber@uwo.ca

- East Africa  
Political ecology  
Agnieszka Leszczynski, PhD (Washington) aleszczy@uwo.ca  
Digital geographies  
GIScience & Society  
Digital location  
Geolocation  
Platform economy  
Natasha MacBean, PhD (University College London) nmacbean@uwo.ca  
Global environmental and climate change  
Carbon and biogeochemical cycles  
Vegetation dynamics  
Terrestrial biosphere/land surface modeling  
Environmental remote sensing  
Model-data fusion/data assimilation  
Geneviève Metson, PhD (McGill) gmetson@uwo.ca  
Urban ecology  
Sustainability  
Biogeochemistry (phosphorus and nitrogen)  
Organic waste management  
Food systems  
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<sup>1</sup>, PhD (McMaster) kmoser@uwo.ca  
Climate change  
Limnology  
Paleoecology  
Paleolimnology  
Quaternary environments  
Water quantity and quality  
Lewis Williams, PhD (Massey, NZ) lewis.williams@uwo.ca  
Indigenous and cultural studies  
Cultural-ecology and globalization  
Socio-ecological resilience  
Social innovation

*Assistant Professors:*

- Vanessa Ambtman Smith, PhD Candidate (Western) vambtman@uwo.ca  
Indigenous traditional healing spaces within hospital contexts  
Examining relationships to health  
Healing and reconciliation

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<sup>1</sup> Department Chair

Evan Bowness, PhD (UBC) Food sovereignty Agroecology Agri-tech	ebowness@uwo.ca
Sâkîhitowin Awâsis / Cortney Golkar-Dakin, (Western University) Indigenous geographies Political ecology Energy justice	cdakin2@uwo.ca
Jinhyung Lee, PhD (Ohio State University) Transportation Human mobility Accessibility Public transit Geographic Data Science	jinhyung.lee@uwo.ca
Natasha MacBean, PhD (University College, UK) Global environmental and climate change Carbon and biogeochemical cycles Vegetation dynamics Terrestrial Biosphere/Land Surface Modeling Environmental remote sensing Model-data fusion/data assimilation	nmacbean@uwo.ca
Roza Tchoukaleyska, PhD (University of Sheffield, UK)  Urban planning Cultural geography Public spaces	rtchouka@uwo.ca

*Limited Duty Instructors:*

Evans Batung, PhD Candidate (Western)	ebatung@uwo.ca
Daniel Bednar, PhD (Western)	dbednar@uwo.ca
Olivia Caruso, PhD Candidate (Western)	ocaruso@uwo.ca
Wendy Dickinson, PhD (Western)	whdickin@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
Mark Moscicki, MA (Western)	mmoscic@uwo.ca
Gabor Sass, PhD (Western)	gabor.sass@uwo.ca
Joe Shaw, MBA (Windsor)	jshaw86@uwo.ca
Marcello Vecchio, MA (Western)	mvecchi@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>

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### Department Offers

BA, BSc, MA, MSc, MEnv

### Faculty

#### *Professors:*

#### *Email Address:*

Danny Blair, PhD (Manitoba)

d.blair@uwinnipeg.ca

Prairie Climate Centre (Co-Director)

Climate Atlas of Canada (climateatlas.ca)

Visualization of climate change data

Climate change and variability in the Western Interior

Bill Buhay, PhD (Waterloo)

b.buhay@uwinnipeg.ca

Development and application of stable-isotope methods for evaluating isotopic

compositions of organic and inorganic materials from natural archives such as groundwater, lake sediments, and terrestrial organic matter

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

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

Edward A. Cloutis, PhD (Alberta)

e.cloutis@uwinnipeg.ca

Composition of main belt asteroids

Design of planetary spectrometers and mission concepts

Hyperspectral remote sensing data analysis

Remote sensing detection of organic geological materials

Spectroscopic studies of art work for forgery and underpainting detection

Surficial geological properties of Mars

Jino Distasio, PhD (Manitoba)

j.distasio@uwinnipeg.ca

Downtown redevelopment

Homelessness and mental health

Housing markets

Urban Indigenous policy

Urban and community planning

Patricia Fitzpatrick, PhD (Waterloo)

p.fitzpatrick@uwinnipeg.ca

Impact assessment

Public participation and learning

Post approvals, including monitoring, follow-up, and adaptive management

Environmental governance, including voluntary initiatives and corporate social responsibility

Resource management in the mineral and hydroelectric sectors

- Christopher Storie, PhD (Wilfrid Laurier) [c.storie@uwinnipeg.ca](mailto: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](mailto: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

*Associate Professors:*

- Jacqueline Binyamin, PhD (McMaster) [j.binyamin@uwinnipeg.ca](mailto: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](mailto:n.casson@uwinnipeg.ca)  
 Interactions between hydrological and biogeochemical processes across ecosystems
- Matt Dyce, PhD (UBC) [m.dyce@uwinnipeg.ca](mailto:m.dyce@uwinnipeg.ca)  
 Western Canada  
 Environmental history  
 Photography and representation  
 Archives and knowledge  
 History of geography  
 Place and public memory
- Gina Sylvestre, PhD (Manitoba) [g.sylvestre@uwinnipeg.ca](mailto:g.sylvestre@uwinnipeg.ca)  
 Winter pedestrianism  
 Rural aging, mobility and community sustainability  
 Aging and social exclusion
- Marc Vachon, PhD (Ottawa) [m.vachon@uwinnipeg.ca](mailto: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](mailto: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

## Vancouver Island University

900 Fifth Street, Nanaimo, BC V9R 5S5

(250) 753-3245 — Fax (250) 740-6550

Email: [geochair@viu.ca](mailto: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

#### Regular Faculty:

#### Email Address:

- |   |  |
|---|--|
| Matthew Bowes, PhD (U. Victoria)  | <a href="mailto:matthew.bowes@viu.ca">matthew.bowes@viu.ca</a>         |
| Human dimensions of natural resource management   |  |
| Urban & Regional planning and management  |  |
| Sustainability  |  |
| Social and cultural geography   |  |
| Juliane Collard, PhD (UBC)  | <a href="mailto:juliane.collard@viu.ca">juliane.collard@viu.ca</a>     |
| 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>  |  |
| Alan Gilchrist, PhD (U. Liverpool)  | <a href="mailto:alan.gilchrist@viu.ca">alan.gilchrist@viu.ca</a>       |
| Macroscale geomorphology  |  |
| Watershed restoration in coastal British Columbia   |  |
| Water resources management on Vancouver Island  |  |
| Michael Govorov, PhD (Siberian State Academy)   | <a href="mailto:michael.govorov@viu.ca">michael.govorov@viu.ca</a>     |
| GIS and spatial analysis  |  |
| Remote sensing  |  |
| GIS programming   |  |
| Jeff Lewis, PhD (U. Victoria)   | <a href="mailto:jeff.lewis@viu.ca">jeff.lewis@viu.ca</a>               |
| Awareness of climate change through education and research – public outreach  |  |
| Climate change impacts and adaptation   |  |
| Vancouver Island weather station network  |  |
| Michele Patterson, MA (Royal Roads)   | <a href="mailto:michele.patterson@viu.ca">michele.patterson@viu.ca</a> |
| Climate adaptation policy   |  |
| Social and cultural values in seafood and seafood communities   |  |
| <i>Member, VIU President's Task Force on Climate Action and Sustainability</i>  |  |
| <i>Chair, Geography Department and GIS Programs</i>   |  |
| Sean Sloan, PhD (U. Melbourne)  | <a href="mailto:sean.sloan@viu.ca">sean.sloan@viu.ca</a>               |
| Conservation and Development  |  |

Rural transitions and forest management  
Social-political and agrarian dimensions of land-cover transitions  
Forest transition science (sub-field of sustainability science)  
*VIU Tier 2 Canada Research Chair in the Human Dimensions of Sustainability and Resilience*

Hannah Wilson, PhD (Waterloo) [hannah.wilson@viu.ca](mailto: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](mailto: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](mailto:don.alexander@viu.ca)

Theory and practice of urban sustainability/ livability  
Urban governance and the climate crisis  
Universities as vehicles for sustainability theory and practice  
*Honorary Research Associate, VIU Master of Community planning program*

Bill Floyd, PhD (UBC) [bill.floyd@viu.ca](mailto: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

Maddox, Wyatt, PhD (ABD) (University of Victoria) [wyatt.maddox@viu.ca](mailto:wyatt.maddox@viu.ca)

Geography, Natural Resource Management, Coastal geomorphology  
Environmental Sustainability

Michael Tripp, PhD (Victoria) (Retired regular faculty) [michael.tripp@viu.ca](mailto: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](mailto:jessica.craig@viu.ca)

Macroscale geomorphology  
Quaternary geology  
Geography education

# Wilfrid Laurier University

Department of Geography and Environmental Studies

75 University Avenue West, Waterloo, ON N2L 3C5

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

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## Department Offers<sup>1</sup>

BA, BSc, MA, MES, MSc, PhD

## Faculty – Waterloo Campus

### *Professors Emeriti:*

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

### *Retired Professors:*

Jody Decker, Judy Bates, Bob Sharpe, Rob Milne, Simon Dalby, D. Scott Slocombe, James Hamilton

### *Faculty on Leave:*

Michael Imort  
Margaret Walton-Roberts

### *Professors:*

### *E-mail Address:*

Alison Blay-Palmer, PhD (Waterloo) UNESCO Chair in Food, Biodiversity and Sustainability Studies Globalization Sustainable food systems Circular economy	ablaypalmer@wlu.ca
Mary-Louise Byrne <sup>2</sup> , PhD (McMaster) Aeolian geomorphology Coastal geomorphology GIS application in coastal environment Great Lakes sand dunes Stratification in coastal sand dunes	mlbyrne@wlu.ca
Sean T. Doherty, PhD (Toronto) Applications of Global Positioning Systems Diabetes management and decision support systems Experience sampling methods Healthy parks and physical activity	sdoherthy@wlu.ca

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<sup>1</sup> Directory listing last updated in 2024

<sup>2</sup> Chair (faculty information as of July 1, 2024)

- Local food messaging systems  
 Mobility and health
- Philip Marsh<sup>3</sup>, PhD (McMaster) pmarsh@wlu.ca  
 Canada Research Chair in Cold Regions Water Science  
 Arctic hydrology  
 Snow accumulation, melt and runoff  
 Climate change impacts on the hydrology of the Arctic  
 Physics based hydrological modelling  
 Changing permafrost hydrology  
 Hydrology of thermokarst lakes and removal from the landscape  
 Impacts of beavers on the hydrology of Arctic watersheds  
 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

*Cross-Appointed Professors:*

- Jen Baltzer, PhD (Toronto) jbaltzer@wlu.ca  
 CRC in Forests and Global Change  
 Forest ecology  
 Global change  
 Stress ecophysiology
- 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
- Debora Van Nijnatten, PhD (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) clemieux@wlu.ca  
 Dr. J. McMurry Research Chair in Environmental Geography  
 Resource and Environmental Policy and Management  
 Parks, Protected, and Conserved Areas  
 International Biodiversity Policy

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<sup>3</sup> Canada Research Chair

- Nature, Human Health and Well-being  
 Climate Change  
 Management Effectiveness  
 Science-Policy Interface
- Sheri Longboat, PhD (Wilfrid Laurier) slongboat@wlu.ca  
 First Nations water planning, management and governance  
 Water security, justice, sustainability and change  
 Indigenous policy and planning  
 Resource and environmental management  
 Transdisciplinary and community-driven research
- Steven Roberts, PhD (Waterloo) sroberts@wlu.ca  
 Applied graph theory and oriented matroids  
 Combinatorial optimization  
 Genetic algorithms  
 Landscape ecology  
 Parallel computing  
 Spatial data models and data structures
- Miguel Sioui, PhD (Carleton) msioui@wlu.ca  
 Indigenous knowledge (IK) in the Americas  
 Indigenous land and water stewardship  
 Climate policy and action
- 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
- Jason Goetz, PhD (Waterloo) jgoetz@wlu.ca  
 Geographic Information Science  
 Statistical and machine learning for predictions in geosciences  
 Spatial model validation and transferability  
 Landslide susceptibility modelling  
 Earth surface processes monitoring and change detection  
 Structure-from-motion photogrammetry and uncertainties
- Homa Kheyrollah Pour<sup>4</sup>, PhD (Waterloo) hpour@wlu.ca  
 Canada Research Chair in Remote Sensing of Environmental Change  
 Remote sensing of Environmental Change

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<sup>4</sup> Canada Research Chair

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](mailto: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](mailto:tsportel@wlu.ca)

Development geography

Political ecology / economy

Labour geography

Sustainable livelihoods

South Asia

India

**York University<sup>1</sup>**  
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

Certificates in: Geomatics: Geographic Information Systems and Remote Sensing; Climate Solutions and Sustainable Energy.  
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).

## Faculty

### *Professors Emeriti<sup>2</sup>:*

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

### *Professors Emeriti<sup>3</sup>:*

### *Email Address:*

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

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<sup>1</sup> Faculty listing reflects membership of the Graduate Program in Geography in the Faculty of Environmental and Urban Change (EUC). Listing does not include the Graduate Program in Environmental Studies, also located in EUC.

<sup>2</sup> Listing is for past members appointed to the Graduate Program in Geography

<sup>3</sup> Retirees actively recruiting/supervising graduate students



- Geographical construction of technology  
 Diverse geographies of industry and of its globalization  
 Performance of the economy  
 Linda Peake, PhD (Reading) [lpeake@yorku.ca](mailto:lpeake@yorku.ca)  
 Caribbean geography, especially Guyana  
 Critical methodologies, especially transnational feminist praxis  
 Feminist, social, and urban geography  
 Mental health and the academy  
 Valerie Preston, PhD (McMaster) [vpreston@yorku.ca](mailto: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](mailto:pvander@yorku.ca)  
 Agrarian change  
 Alternative agriculture  
 Environmental governance  
 Fisheries and forestry  
 Southeast Asia  
 Douglas Young, PhD (York) [dogoyo@yorku.ca](mailto:dogoyo@yorku.ca)  
 Legacies of modernist and socialist urbanism  
 Suburban decline and renewal  
 Urban infrastructure  
 Urban planning and development processes

*Professors:*

- Alison Bain<sup>4</sup>, PhD (Cambridge) [abain@yorkku.ca](mailto:abain@yorkku.ca)  
 Creative city theory and cultural planning  
 Gender and sexual identity politics  
 Geographies of artistic labour, creative practice, and cultural production  
 Public space contestations and interventions  
 Redevelopment and social inclusion in neighbourhoods, cities, and suburbs  
 Urban social, urban cultural, and feminist geography  
 Ranu Basu, PhD (Toronto) [ranubasu@yorku.ca](mailto: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](mailto:kean@yorku.ca)  
 Economic geography  
 Technoscientific capitalism  
 Assetization and rentiership  
 Political economy of innovation

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<sup>4</sup> Graduate Program Director

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	
Alice Hovorka <sup>5</sup> , 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	

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<sup>5</sup> Dean, Faculty of Environmental & Urban Change

- Immigration and labour in Canada  
 Migration and transnationalism  
 Socio-economic change in the Philippines and Southeast Asia  
 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  
 Justin Podur, PhD (Toronto) jpodur@yorku.ca  
 Forest fires  
 Geographic information systems  
 International development and conflict  
 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  
 Anna Zalik, PhD (Cornell) azalik@yorku.ca  
 Critical geopolitics of the oil industry  
 Political ecology  
 (Post) coloniality  
 Radical/resource geographies

*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

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# **Appendix 1 / Annexe 1**

## **THE CANADIAN ASSOCIATION OF GEOGRAPHERS CONSTITUTION**

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### **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

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### Article I - Nom

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

### Article II - Objectifs

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

### Article III - Langues

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

### Article IV - Membres

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

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

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

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

### **Article VI - Fonctions du Comité directeur**

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

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

### **Article VII - Responsabilités du Comité directeur**

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

### **Article VIII - Élections**

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

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

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

#### **Article IX - Amendements à la Constitution**

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

#### **Article X - Assemblée générale annuelle**

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

#### **Article XI - Sections régionales**

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

#### **Article XII - Groupes d'étude**

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

#### **Article XIII - Prix**

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

2. Les membres du Comité des prix sont nommés chaque année par le Comité directeur. Le Comité a pour mission de 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

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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	2024	Memorial University of Newfoundland
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

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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
		2024	Susan Elliott, University of Waterloo

\* Deceased



## Appendix 4 / Annexe 4

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

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#### ***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		Paul Villeneuve
1973	Louis-Edmond Hamelin	1999	Roger Hayter
1974	Andrew H. Clark	2000	Terence G. McGee
1975	John H. Warkentin	2001	Philip Howarth
1976	no award/non attribué	2002	Trevor John Barnes
1977	Leslie Curry		John Herbert Galloway
1978	Derek C. Ford	2003	John N. H. Britton
1979	F. Kenneth Hare		Glen B. Norcliffe
1980	R. Cole Harris	2004	Edward Relph
1981	W. R. Derrick Sewell	2005	Brian Luckman
1982	Maurice H. Yeates	2006	Geraldine Pratt
1983	J. Gordon Nelson	2007	Barry Boots
1984	Leslie J. King		Meric S. Gertler
1985	Larry S. Bourne	2008	André G. Roy
1986	Timothy R. Oke	2009	Graeme Wynn
1987	No Award	2010	Barry Smit
1988	David F. Ley	2011	Geoffrey Wall
1989	James R. Gibson	2012	Robin Davidson-Arnott
1990	Paul-Yves Denis	2013	Richard Harris
	Michael Goodchild	2014	George Lovell
1991	Kenneth Hewitt	2015	Olav Slaymaker
1992	James Simmons	2016	Philip Dearden
	Ming-Ko ("Hok") Woo	2017	Jing Chen
1993	no award/non attribué	2018	Daniel Scott
1994	Jean-Claude Dionne	2019	Maureen Reed
	Bruce Mitchell	2020	Linda Peake
1995	Hugh French	2021	Susan Elliott
	R. Louis Gentilcore (posthumous)	2022	Jason Gilliland
1996	Pierre Richard	2023	Christopher Burn
1997	James T. Lemon	2024	Dongmei Chen
1998	Wayne Robert Rouse		

### ***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	2000	Denis St-Onge
	J. Lewis Robinson	2001	Margaret North
1977	Trevor Lloyd	2002	Bryan H. Massam
1978	J. Wreford Watson	2003	Jean-Marie Dubois
1979	Thomas R. Weir	2004	Audrey Kobayashi
1980	Lloyd G. Reeds	2005	Peter G. Johnson
1981	J. Howard Richards	2006	Philip J. Howarth
1982	Richard I. Ruggles	2007	John C. Everitt
	William C. Wonders	2008	Len Evenden
1983	Ralph R. Krueger	2009	no award/non attribué
1984	Peter J. Smith	2010	Bob Sharpe
1985	William J. Dean	2011	Iain Wallace
	Norman L. Nicholson	2012	Hugh Millward
1986	J. Brian Bird	2013	Evelyn Peters
1987	Marie E. Sanderson	2014	Bernard Thraves
1988	Geoffrey J. Matthews	2015	Dan J. Smith
	Robert W. Packer	2016	Valerie Preston
1989	Ludger Beauregard	2017	Marilyne Jollineau
1990	Jacob Spelt	2018	no award/non attribué
1991	Helen Rowland	2019	Wayne Forsythe
	Roger Tomlison	2020	Dan Shrubsole
1992	Donald Kerr	2021	no award/non attribué
1993	Fernand Grenier	2022	no award/non attribué
1994	Leszek Kosinski	2023	no award/non attribué
1995	Olav Slaymaker	2024	Tracy Brennand

### ***Award for Excellence in Teaching Geography***

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

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

### ***Le Prix d'excellence pour l'enseignement en géographie***

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

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

1997	Stuart W. Semple	2010	William Gough
1998	Neil Field	2011	Kathi Wilson
1999	André Roy	2012	Michael J. Fox
2000	Lorne Bennett	2013	Catherine Nolin
	Jean Andrey	2014	Robert Milne
2001	Robert Rogerson	2015	Don Boyes
2002	no award/non attribué	2016	Ian O'Connell
2003	Ben Moffat	2017	Jeff Hopkins
	James E. Randall	2018	Alana Boland
2004	Geoff McBoyle	2019	Shivanand Balram
2005	Fes de Scally	2020	CindyAnn Rose-Redwood
2006	Brent Hall	2021	Nicole Laliberté
2007	Michael F. Fox	2022	Lynn Moorman
2008	Susan E. Wurtele	2023	Shannon Fargey
2009	Norman R. Catto	2024	Brent Doberstein
2010	Jody Decker		

### ***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	2016	no award/non attribué
1998	no award/non attribué	2017	David Phillips
1999	Alistair McVey	2018	no award/non attribué
2000	Anthony Lea	2019	no award/non attribué
2001	Frank Quinn	2020	no award/non attribué
2002	no award/non attribué	2021	no award/non attribué
2003	Charles Hostovsky	2022	no award/non attribué
2004	Barry Wellar	2023	Jean-Yves Lalande
2005	Robert Pampalon	2024	no award/non attribué
2006	no award/non attribué		
2007	Quentin Chiotti		
2008	no award/non attribué		
2009	Terry Prowse		
2010	Joan Marsha Schwartz		
2011	Donald Forbes		
2012	Donna Williams		
2013	Daniel Hiebert		
2014	Stephen Woodley		
2015	Peter G. Bush		

***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  
 2024 Guy Vincent

## 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

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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
- 1997-1999<sup>1</sup> 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

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<sup>1</sup> 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
- 2024 Kristi Leora Gansworth

## Appendix 6 / Annexe 6

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

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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 Ruty
2011	Jeffrey Masuda	2022	Sarah Rotz
2012	Rachel Bezner-Kerr	2023	Rachel Herron
2013	Martin A. Andresen	2024	Elijah Bisung



## Appendix 7 / Annexe 7

### The 2024 CAG Undergraduate Award Winners / Gagnant(e)s du Prix du premier cycle de l'ACG 2024

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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	Rebecca Bolen
University of Alberta, Augustana	Hannah Resch
Bishop's University	Anne Laberge
Brandon University	Jaqueline Ramirez Aranza
University of British Columbia	Dafne Kaynak
UBC - Okanagan Campus	Anna Haglund
Brock University	Emily Mills
University of Calgary	no submission / aucune soumission
Carleton University	Nata Culhane
Concordia University	Natalie Thorne
University of the Fraser Valley	Nicole Drewitz
University of Guelph	no submission / aucune soumission
Kwantlen Polytechnic University	Brooke Alexander
Lakehead University	Aleksandra Marie Nemy
Université Laval	no submission / aucune soumission
University of Lethbridge	no submission / aucune soumission
University of Manitoba	Sergiy Myastkivskyy
McGill University	Ryan Cho
McMaster University	no submission / aucune soumission
Memorial University	Aderinola Olamiju
Université de Moncton	no submission / aucune soumission
Université de Montréal	no submission / aucune soumission
Mount Allison University	Christophe (Chris) Lirette
Nipissing University	Elizabeth Junger
University of Northern BC	Will Hanlon
University of Ottawa	Erika Brummell
Université du Québec à Montréal	no submission / aucune soumission
Queen's University	Harrison Morton
University of Regina	Jessica Smith
Saint Mary's University	Olivia Kokkinen
University of Saskatchewan	Maahi Shah
Université de Sherbrooke	no submission / aucune soumission
Simon Fraser University	Pierre Etienne Banville
Thompson Rivers University	Heidi Wismath
Toronto Metropolitan University	Aria Corinna Brown
University of Toronto-Mississauga	Amélie Desroches / Tasmia Jamil
University of Toronto-Scarborough	no submission / aucune soumission
University of Toronto-St George	Emily Sakaguchi
Trent University	Cerra Jocelyn Simmons
Trinity Western University	Kasmira Warawa
Vancouver Island University	Catherine Norman
University of Victoria	Katya Leslie Adams

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

Ben Woodward  
Henry Clifford Shaver  
Stewart Brenner  
Michael Brown  
Jacky Duong

## Appendix 8 / Annexe 8

### Study Groups / Groupes d'étude

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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, maperez@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@torontomu.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@torontomu.ca