

The Canadian Association of Geographers Directory

2021

L'Annuaire de l'Association Canadienne des Géographes

PO Box 35047 Westgate
Ottawa, ON K1Z 1A2

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



Canadian Association of Geographers
Association Canadienne des Géographes



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PO Box 35047 Westgate
Ottawa, ON K1Z 1A2

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

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

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Geography Department Program Enrolment

Academic Year 2020-2021

University	Undergraduate			Graduate	
	Honours	Majors	Minors	MA/MSc	PhD
Brandon University	2	22	42	–	–
Brock University	167	14	36	18	–
Carleton University	78	27	34	35 ⁽¹⁾	35
Concordia University	33	1115 ⁽²⁾	–	134	38
McGill University	42	209	235	36	41
McMaster University	354	54	–	37	50
Memorial University	9	123	86	41	17
Mount Allison University	6	88	56	3	–
Nipissing University	62	–	–	5	–
Queen's University	83 ⁽³⁾	105	92	103	61
Ryerson University	590 ⁽⁴⁾	–	84	33 ⁽⁵⁾	–
Saint Mary's University	3	35	24	10	–
Simon Fraser University	1	427	58	22	30
The King's University	–	–	3	–	–
Trent University	67	6	12	–	–
Trinity Western University	–	25 ⁽⁶⁾	4 ⁽⁷⁾	–	–
University of Alberta	25	262	56	97	53
University of Alberta, Augustana	–	66	7	–	–
University of British Columbia (UBC)	23	526	174	47	79
UBC, Okanagan	–	56	9	19 ⁽⁸⁾	–
University of Calgary	–	316	–	82 ⁽⁹⁾	27
University of the Fraser Valley	–	44	19	–	–
University of Guelph	–	268	91	38 ⁽¹⁰⁾	32
University of Lethbridge	29	127	5	29	21
University of Manitoba	24	96	80	5	41
UNBC	–	109	73	20	7
University of Ottawa	88	22	34	18	28
University of Regina	1	39	13	4 ⁽¹¹⁾	1
University of Saskatchewan	36 ⁽¹²⁾	118 ⁽¹²⁾	–	21	22
University of Toronto, Mississauga	–	993	380	–	–
University of Toronto, Scarborough	10 ⁽¹³⁾	477	301	–	–
University of Toronto, St. George	64	344	510	113 ⁽¹⁴⁾	122 ⁽¹⁴⁾
University of Victoria	16	624	35	38	45
University of Waterloo	694	54	48	123	76
University of Winnipeg	4	146	60	–	–
Vancouver Island University	–	76 ⁽¹⁵⁾	13 ⁽¹⁶⁾	88 ⁽¹⁷⁾	–
York University	622	–	–	32 ⁽¹⁸⁾	32

Note: footnotes are on the following page iv.

Inscription aux départements de géographie

Année académique 2020-2021

Université	1 ^e cycle	en maj.	en min.	2 ^e cycle	3 ^e cycle	M	PhD
Université de Montréal	246	31	37	8 ^(a)	–	51	30
Université du Québec à Chicoutimi (UQAC)	27	–	–	–	–	16	3
Université du Québec à Rimouski (UQAR)	61	3	3	2	–	27	8
Université du Québec à Trois- Rivières (UQTR)	49	–	–	–	–	10	5
Université Laval	140	–	–	43	27	–	–

(a) Microprogramme en géomatique et analyse spatiale + DESS en géographie et études environnementales

Footnotes for table on page iii

- (1) 10 MA, 25 MSc
- (2) Majors / Specializations / Minors combined
- (3) Certificate in Geographic Information Science = 69, Certificate in Urban Planning Studies = 70
- (4) 244 BA Geographic Analysis + 346 BA Environment and Urban Sustainability, full-time
- (5) 25 full-time + 8 part-time MSA (Spatial Analysis)
- (6) 5 Geography, 5 Environmental Studies BA, 15 Environmental Studies BSc
- (7) 2 Geography, 1 Environmental Studies BA, 1 Environmental Studies BSc
- (8) Combined graduate students
- (9) 46 MGIS, 36 MA/MSc
- (10) 14 MA, 19 MSc, 5 Master of Conservation Leadership
- (11) 1 MA, 3 MSc
- (12) Includes students in the following degree programs: Environment and Society, Hydrology, Environmental Earth Science, Regional and Urban Planning.
- (13) Specialist
- (14) Tri-campus: Includes 60 MSc Planning, 32 PhD Planning
- (15) 37 BA Major in Geography, 39 BSc Major in Geoscience
- (16) 10 BA Minor in Geography, 3 BSc Minor in Geography
- (17) 33 Master of Geographic Information Systems Applications, 55 Geographic Information Systems Advanced Diploma
- (18) Geography Graduate Program only. Environmental Studies program includes an additional 168 MES students and 70 PhD students.

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). 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, PhD (Western Ontario)

Email Address:

William.Osei@algomau.ca

Associate Professor(s):

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

Nairne.Cameron@algomau.ca

Chunhua Zhang, PhD (Saskatchewan)

Chunhua.Zhang@algomau.ca

Remote sensing and GIS applications (Agriculture and ecosystem recovery)

Adjunct Professor(s):

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

Sessional Faculty:

Kimberley Whitmore, M.E.S. (Lakehead)

Kimberley.Mihell@algomau.ca

Interactions between people and the built and natural environments

Community sustainability and vitality

Inclusive spaces

¹ Department Chair

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

Department Offers

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

Faculty

Professors Emeriti:

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

Email Address:

dbooth@ubishops.ca
crose@ubishops.ca

Professors:

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

dbardati@ubishops.ca

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

njones@ubishops.ca

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

elevac@ubishops.ca

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

mperos@ubishops.ca

Assistant Professor:

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

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

² Tier II Canada Research Chair in Climate and Environmental Change

Lecturers:

Bruno Courtemanche, MSc (Sherbrooke)
GIS

bcourtem@ubishops.ca

Limnology and oceanography
Remote sensing and instrument design

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

jdowning@ubishops.ca

Sustainable agriculture and food systems
Permaculture design
Urban and community agriculture

Brandon University

Department of Geography and Environment

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

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

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

Department Offers

BA or BSc Environmental Studies Concentration

BA or BSc Geomatics Concentration

BA or BSc Honours

Faculty

Professors Emeriti:

John Everitt, PhD (UC Los Angeles)

Human geography, tourism

Rod McGinn, PhD (Manitoba)

Hydrology, glacial geomorphology, meteorology

Email Address:

everitt@brandonu.ca

mcginn@brandonu.ca

Professor:

Douglas Ramsey¹, PhD (Guelph)

Agricultural restructuring

Rural community well-being

Rural tourism

ramsey@brandonu.ca

Associate Professors:

Derrek Eberts², PhD (York)

Canadian brewing industry

Tourism impacts

Downtown revitalization

Ethnic recreational landscapes

ebertsd@brandonu.ca

Rachel Herron³, PhD (Queens)

Rural health

Aging

Dementia

Care and caregiving

Voluntarism

Gender and health

herronr@brandonu.ca

¹ Member of the Department of Rural Development

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

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

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

Assistant Professors:

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

Instructional Associate:

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

Adjunct Professors:

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

Brock University

Department of Geography and Tourism Studies

St. Catharines, ON L2S 3A1

(905) 688-5550, ext. 3484

Email: geography@brocku.ca

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

Department Offers

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

Faculty

Professor Emeritus:

Email Address:

Hugh J. Gayler, PhD (British Columbia)

hjgayler@brocku.ca

Niagara's emerging wine culture

Planning issues on the rural-urban fringe

Smart growth

Urbanisation and agricultural land preservation

Catherine Jean Nash, PhD (Queen's)

catherine.nash@brocku.ca

Feminist geography

Gender and sexuality

LGTTQ issues

Queer theory

Social and cultural geography

Anthony B. Shaw, PhD (Western)

tshaw@brocku.ca

Climate change impacts, mitigation, and adaptation

Delimiting wine appellations and sub-appellations

Climatic and topographic analysis for specialty crops

Passive and active freeze protection methods for crop production

Energy efficient buildings and energy conservation

Wind resource assessment for wind power

Professors:

David Butz, PhD (McMaster)

dbutz@brocku.ca

Road construction, mobility and social change in the global south

Community level social organisation in northern Pakistan

Mobility justice

Qualitative methodology

Sound and spatiality

Social and cultural geography

David Fennell, PhD (Western)

dfennell@brocku.ca

Ecotourism

Nature-based tourism

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

Associate Professors:

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

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

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

Adjunct Professors:

Jayson Childs, PhD (Wilfrid Laurier)

jchilds@brocku.ca

Coastal geomorphology

Aeolian geomorphology

Water resources

Geography and education

Coastal management

Carleton University

Department of Geography and Environmental Studies

1125 Colonel By Drive, Ottawa, ON K1S 5B6

(613) 520-2561 — Fax (613) 520-4301

Email: Chair_Geography@carleton.ca

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

Department Offers

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

Faculty

Distinguished Research Professors:

Email Address:

John Clarke, PhD (Western Ontario)
Ethnicity and agriculture

John.Clarke@carleton.ca

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

D. R. Fraser Taylor, PhD (Edinburgh)

Fraser.Taylor@carleton.ca

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

Professors Emeriti:

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

Chancellor's Professors:

Chris Burn, DSc (Durham), P.Geo.
Permafrost and ground ice

Christopher.Burn@carleton.ca

Physical geography of the Yukon and western Arctic Canada

Professors:

Patricia Ballamingie, PhD (Carleton)
Food policy and food systems governance

Patricia.Ballamingie@carleton.ca

Michael Brklacich, PhD (Waterloo)
Human dimensions of global environmental change
Rural and agricultural communities

Michael.Brklacich@carleton.ca

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

Stephan.Gruber@carleton.ca

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

Associate Professors:

Emilie Cameron, PhD (Queen's)	Emilie.Cameron@carleton.ca
Critical northern geographies	
Geographies of Indigenous/non-Indigenous relations, colonialism, and	
Geographies of resource extraction	
Indigenous self-determination	
Karen Hébert, PhD (Michigan)	Karen.Hebert@carleton.ca
Environmental politics in the subarctic North	
Resource industries and commercial fisheries	
Struggles over sustainability	
Pablo Mendez, PhD (British Columbia)	Pablo.Mendez@carleton.ca
Housing and metropolitan change	
Informality and urban livelihoods	
Urbanization and grassroots politics	
Scott Mitchell ¹ , PhD (Toronto)	Scott.Mitchell@carleton.ca
Land cover and vegetation mapping in managed landscapes	
Spatial analysis of landscape pattern and environmental processes	
Impacts of climate change and extreme weather on agriculture	
Derek Mueller, PhD (Laval)	Derek.Mueller@carleton.ca
Arctic ice shelves and ice islands	
Breakup of landfast sea ice	
Ice-ocean and ice-atmosphere interaction	
Peter Pulsifer, PhD (Carleton)	Peter.Pulsifer@carleton.ca
Inuit ecological knowledge	
Cross-cultural collaborative research methodologies and ethics	
Linking Inuit and scientific knowledge in decision-making	
Murray Richardson, PhD (Toronto)	Murray.Richardson@carleton.ca
Geomatics and environmental geo-computation	
High-resolution landscape analysis	
Northern watershed ecosystems, cold region hydrology and water quality	
Wetlands	
Jennifer Ridgley, PhD (Toronto)	Jennifer.Ridgley@carleton.ca
Migrants' rights and citizenship in the city	
Urban policing and law enforcement	
Derek A. Smith, PhD (Kansas)	Dereka.Smith@carleton.ca
Cultural geography	
Indigenous knowledges	
Forest use and conservation	
Participatory mapping	

¹ Chair (Faculty information as of September 1, 2021)

Sophie Tamas, PhD (Carleton)	Sophie.Tamas@carleton.ca
Arts-based and narrative-based research	
Emotion, affect, identity and change	
Post-traumatic bodies, places and things	
Jill Wagle, PhD (Toronto)	Jill.Wagle@carleton.ca
Informality and urban governance in Latin America	
Geographies of housing, spatial regulation, and precarity in Mexico City	
Land, housing and the Right to the City	
Jesse Vermaire, PhD (McGill)	Jesse.Vermaire@carleton.ca
Aquatic ecology	
Environmental change	
Paleolimnology	

Assistant Professors:

David Hugill, PhD (York)	David.Hugill@carleton.ca
Colonial Urbanisms, Urban Political Ecology, Indigenous Urbanization, Political Organizing, Socio-Economic Exclusion, North American Inner Cities	
Koreen Millard, PhD (Carleton)	KoreenMillard@carleton.ca
Remote Sensing of environmental change	
GIS, statistics, time series analysis, machine learning classification	
Dipto Sarkar, PhD (McGill)	Dipto.sarkar@carleton.ca
GIScience, Social Network Analysis, OpenStreetMap, Biodiversity Conservation	
Sheryl-Ann Simpson, PhD (Cornell)	SherylAnn.Simpson@carleton.ca
Migration, place and citizenship	
Environmental justice, health and well-being	
Spatial analysis (participatory, quantitative, qualitative, interpretive)	

Instructors:

Khaled Hamdan, PhD (Simon Fraser)	Khaled.Hamdan@carleton.ca
Physical geography/soil science	
Biogeography	
Climate Change	
John Milton, MA (Carleton)	John.Milton@carleton.ca
Grassroots innovation	
Technology, society and the environment	
Innovation studies	
Paul Williams, PhD (Queen's)	Paul.Williams@carleton.ca
Cultural/historical geography	
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. Donaldson, S. Fast, E. Gregorich, B. Harvey, B. Hipwell, J. Ives, S. Kokelj, V. Konrad, C. Levkoe, K. Lindsay, G. Ljubicic, S. Marshall, H. McNairn, P. Morse, P. Mount, S. Nickels, M. Pisaric, J. Spence, P. Sutherland, A. Tivy, A. Vanderzaag, R. Waldick, S. Wolfe

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

Concordia University

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

Email: Geogplanenviro@concordia.ca

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

Department Offers

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

Faculty

Distinguished Professors Emeritus:

Email Address:

Brian Slack, PhD (McGill)

brian.slack@concordia.ca

Transport geography with a focus on maritime transportation

Port planning and container shipping

Patricia A. Thornton, PhD (Aberdeen)

patricia.thornton@concordia.ca

Population geography

Historical Geography of 19th Century Montreal

Mortality as an indicator of social and environmental justice

Emeritus Professors:

S. Robert Aiken, PhD (Penn State)

robert.aiken@concordia.ca

Tropical deforestation

Cultural geography

Developing country environmental issues

Jacqueline M. Anderson, PhD (Wisconsin)

jackie.anderson@concordia.ca

Cartographic visualization and design

Map user abilities

Map skills education

Max Barlow, PhD (McGill)

geogplanenviro@concordia.ca

Metropolitan governance

Political geography

Leonard Sklar, PhD (California, Berkeley)

leonard.sklar@concordia.ca

Fluvial, Hillslope, and Tectonic Geomorphology

Engineering Geology

Hydrology

Ecosystem Restoration

Professors:

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

Associate Professors:

Sébastien Caquard, PhD (Saint-Etienne)	sebastien.caquard@concordia.ca
Mapping narratives	
Geomedia and the geoweb	
Geographic information systems	
Pierre Gauthier, PhD (McGill)	pierre.gauthier@concordia.ca
Urban morphogenesis	
History of development and planning practices in Quebec	
Impact of normative planning theories on urban form	
Transportation infrastructure and the quality of urban form	
Kevin Gould, PhD (British Columbia)	kevin.gould@concordia.ca
Political ecology	
Critical geography	
Conservation and development	
Cold War Latin America, Guatemala	
Jochen Jaeger, Dr. Sc. Nat. (Zurich)	jochen.jaeger@concordia.ca
Landscape ecology	
Road ecology	
Monitoring of landscape change	
Urban sprawl	
Ecological modelling	
Impact assessment	

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

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

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

Assistant Professors:

Bengi Akbulut PhD (Massachusetts, Amherst) bengi.akbulut@concordia.ca
 Ecological economics
 Political ecology
 Political economy of development
 Feminist economics

Silvano De la Lata, 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

Youjung Kim PhD (Texas A&M) youjung.kim@concordia.ca
 Land change science
 Land use planning
 Planning methods
 Community resilience
 Urban design

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

Alexandra Lesnikowski, PhD (McGill) alexandra.lesnikowski@concordia.ca
 Climate change adaptation,
 Adaptation governance
 Adaptation policy analysis
 Comparative policy analysis
 Urban and regional planning
 Systematic evidence synthesis

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

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

Affiliate Professors:

Ursula Eicker, PhD (Heriot-Watt University) ursula.eicker@concordia.ca
 Smart and sustainable cities
 Resilient communities and cities

Govind Gopakumar, PhD (Rensselaer Polytechnic) govind.gopakumar@concordia.ca
 Science and technology studies
 Urban infrastructure
 Water supply
 Automobility

Shauna Janssen, PhD (Concordia University) shauna.Janssen@concordia.ca
 Performative explorations with and within the urban realm
 Site-responsive performances/ installations
 Urban interventions, Community collaborations

Amy Luers, PhD (Stanford) amy.luers@futureearth.org
 Global Sustainability
 Climate & Resilience
 Big Data & AI

Julie Podmore, PhD (McGill) jpodmore@johnabbott.qc.ca
 Lesbian historical geographies
 Feminist geography
 Comparative queer urbanism
 LGBT neighbourhood studies
 LGBT youth and generational studies

Amy Twigge-Molecey PhD (INRS) amy.twigge-molecey@concordia.ca
 Urban Planning
 Neighbourhood and Community Planning
 Urban Sociology

Dalhousie University
Department of Earth and Environmental Sciences
Faculty of Science
Halifax, NS B3H 4R2
Email: earth.sciences@dal.ca
Website: <https://www.dal.ca/faculty/science/earth-environmental-sciences.html>

Department Offers¹

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

Faculty of Architecture and Planning

Email Address:

Professors:

Sarah Bonnemaïson, PhD (British Columbia)	sarah.bonnemaïson@dal.ca
<i>School of Architecture</i>	
Architecture and temporary urbanism of festivals; commemorative architecture; vernacular landscapes; design of interactive exhibition	
Ahsan Habib, PhD (Toronto)	ahsan.habib@dal.ca
<i>School of Planning and Department of Civil and Resource Engineering</i>	
Travel behaviour modelling; transportation-land use interactions; travel demand forecasting; microsimulation of urban systems; physical activity; road safety	
Patricia Manuel, PhD (Dalhousie)	patricia.manuel@dal.ca
<i>School of Planning</i>	
Climate change adaptation planning for coastal regions; coastal community planning; marine spatial planning; social vulnerability and climate change; watershed and wetland planning	

Associate Professors:

Eric Rapaport, PhD (RIT, Stockholm)	eric.rapaport@dal.ca
<i>School of Planning</i>	
Climate change adaptation planning; environmental and land use change using spatial analysis technology; visualization for planning applications; sustainable infrastructure planning; multiple criteria evaluation in environmental planning	

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

Faculty of Arts and Social Sciences

Associate Professors:

- Robert Huish, PhD (Simon Fraser) huish@dal.ca
Department of International Development Studies
Geographies of development; geographies of health and health care; sport and geography; activism; experiential learning
- Martha Radice, PhD (INRS) martha.radice@dal.ca
Department of Sociology and Social Anthropology
Urban anthropology; anthropology of space/place; public space; public art; public culture; interethnic relations; neighbourhood change; cosmopolitanism; Quebec; Canada; New Orleans
- Matthew Schnurr, PhD (British Columbia) matthew.schnurr@dal.ca
Department of International Development Studies
Environmental geography; political ecology; agricultural technology; farmer decision-making; historical geography; environmental security and conflict

Faculty of Health

Associate Professors:

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

Faculty of Management

Professor Emeriti:

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

Professors:

- Karen F. Beazley, PhD (Dalhousie) karen.beazley@dal.ca
School for Resource and Environmental Studies
Landscape/seascape conservation planning; protected area system design; wildlife habitat connectivity; spatial analysis; Indigenous knowledge systems; conservation and reconciliation; research ethics
- Kate Sherren, PhD (Australian National) kate.sherren@dal.ca
School for Resource and Environmental Studies
Energy landscapes; built infrastructure; climate adaptation; farm biodiversity; visual methods

Associate Professors:

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

Assistant Professors:

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

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

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

Instructors:

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

Lecturers:

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

Adjunct Instructors:

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

Faculty of Science

Associate Professors:

Claudio Aporta, PhD (Alberta) claudio.aporta@dal.ca
Marine Affairs Program

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

Assistant Professors:

Lawrence Plug, PhD (Alaska) lplug@dal.ca
Department of Earth and Environmental Sciences
Geomorphology

University Teaching Fellows:

Anne Marie Ryan, PhD (Dalhousie), anne.marie.mryan@dal.ca
3M National Teaching Fellow
Department of Earth and Environmental Sciences,
Metals in urban soils

Instructors:

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

Sessional Instructors:

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

GIS Centre, University Libraries

Lecturers:

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

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

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

Department Offers

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

Faculty

Email Address:

Leonora King, PhD (UBC)

leonora.king@kpu.ca

Fluvial geomorphology and the linkages between biotic and abiotic processes in mountain channels, surface hydrology of the Greenland Ice Sheet using remote sensing and geographic information system (GIS) methods

Johannes Koch, PhD (Simon Fraser)

joe.koch@kpu.ca

Glacier history, geomorphology, dendrochronology, climate change, tree line fluctuations

Parthiphan Krishnan, PhD (Reading)

parthiphan.krishnan@kpu.ca

GIS applications in social area analysis, with foci in urban agriculture, emergency planning and social services

John Martin, MSc (Simon Fraser)

john.martin@kpu.ca

Surface/subsurface hydrology, water chemistry of lakes and wetlands

Mungandi Nasitwitwi, MSc (Simon Fraser)

mungandi.nasitwitwi@kpu.ca

Air pollution and climate change

Dola Pradhan, PhD (Victoria)

dola.pradhan@kpu.ca

Natural resource management, Coastal aquaculture in India

John Rose, PhD (British Columbia)

john.rose@kpu.ca

Suburban residential/commercial redevelopment and social displacement

David Sadoway, PhD (Hong Kong)

david.sadoway@kpu.ca

Asian urbanism; civic environmentalism; urban infrastructure and technologies and community informatics

Lakehead University

Department of Geography and the Environment
955 Oliver Road, Thunder Bay, ON P7B 5E1
(807) 343-8010 ext. 8357 — Fax (807) 343-8380

Email: geography@lakeheadu.ca

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

Department Offers

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

Faculty - Thunder Bay Campus

Professors Emeriti:

Email Address:

Robert S. Dilley, PhD (McMaster)

Robert.Dilley@lakeheadu.ca

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

Weather in the novels of Arthur Ransome

David D. Kemp, PhD (Edinburgh)

David.Kemp@lakeheadu.ca

19th and 20th century climate change in Northwestern Ontario

Global environmental issues

Weather, climate and the fur trade

Brian J. Lorch, PhD (Queen's)

Brian.Lorch@lakeheadu.ca

Big-box retail landscapes

Reconfiguration of Canadian regional shopping centres

Brian A.M. Phillips, PhD (Wales)

brianph@shaw.ca

Ichthyofaunal and geomorphic evidence for pre-Agassiz and early Agassiz

discharges to Lake Superior through the Ontario/Minnesota borderlands

Post-Glacial Lake Needles and Lake Havasu – partly buried shorelines in the Tri-State portion of the Colorado River valley, as an explanation of the distribution of currently discovered Paleo sites

Bradley A. Wilson, PhD (Calgary)

Brad.Wilson@lakeheadu.ca

Landscape and land cover diversity mapping and change detection

Mapping food security in urban and rural environments

Research of image processing techniques to extract useful information from

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

Virtual Reality, stereoscopic visualizations for urban planning & other applications

Professor:

Todd A. Randall¹, PhD (McMaster)

Todd.Randall@lakeheadu.ca

Attitudes towards urban intensification and diversification

Impacts of demographic changes on land use in Northern urban areas

Neighbourhood-scale evaluation of urban sustainability

¹ Dean, Faculty of Science and Environmental Studies

Urban planning applications of GIS

Associate Professors:

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

Assistant Professor:

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

Adjunct Professors:

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

Faculty - Orillia Campus

Associate Professors:

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

Assistant Professor (Non-Tenure Track):

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

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

³ Cross-appointed with Anthropology

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

Department Offers

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

Faculty

Professors Emeriti:

Email Address:

Sherry Olson, PhD (John Hopkins)

sherry.olson@geog.mcgill.ca

A GIS platform for studying the 19th-century city

Public health issues in Montreal 1880 and today

Work environments in the 19th-century city

Wayne Pollard, PhD (Ottawa)

wayne.pollard@mcgill.ca

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

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

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

Polar landscapes as analogues for Mars

George Wenzel, PhD (McGill)

george.wenzel@mcgill.ca

Northern peoples—renewable resource harvesting in Arctic Canada

Canadian public policy and indigenous people

Hunter-Gatherer subsistence and social economy

Inuit memories of geophysical phenomena

Professors:

Gail Chmura, PhD (Louisiana State)

gail.chmura@geog.mcgill.ca

Wetland dynamics

Biogeochemistry of tidal wetlands: particularly blue carbon (the carbon stored in salt marshes and mangroves) and greenhouse gas flux

Paleo-environmental reconstruction, particularly of coastal systems

Research programs on coasts of Canada and New England, examining responses of salt marshes and estuaries to variations in sea level, climate, nutrient enrichment, and anthropogenic disturbance

- Oliver Coomes, PhD (Wisconsin-Madison) oliver.coomes@mcgill.ca
 Floodplain agriculture and flood risk along Amazonian rivers
 Peasant adaptation to abrupt environmental change
 Poverty, livelihoods, and resource conservation in neotropical forests
 Seed exchange among peasant farmers in Amazonia
- Tim Moore, PhD (Aberdeen) tim.moore@mcgill.ca
 Biogeochemistry and ecology of peatlands: the influence of disturbance, land use change, and climatic change
 Cycling of carbon, nitrogen, and nutrients in ecosystems: ecological stoichiometry
 Soils and global change
 Detection of graves by trace gases
- Nancy Ross, PhD (McMaster) (on leave) nancy.ross@mcgill.ca
 Contextual influences on body weight and health-related behaviours
 Inequality and the health of urban populations
 Physical and social environmental determinants of health
 The socioeconomic gradient in health
- Nigel Roulet, PhD (McMaster) nigel.roulet@mcgill.ca
 Eco hydrology and biogeochemistry of forested and wetlands ecosystems
 The carbon biogeochemistry of production peatlands and the use of peat
 Large -scale peatland dynamics: Hudson Bay Lowland
 Modelling of the development, vegetation dynamics, and carbon and nitrogen cycles of northern peatlands in natural and restored settings
 Peatlands as complex adaptive systems: patterns and process through time and over space
- Sarah Turner, PhD (Hull) turner@geog.mcgill.ca
 Livelihoods in upland Southeast Asia and southwest China
 Ethnic minority groups in the Sino-Vietnamese borderlands
 Informal trade in urban Southeast Asia
 Upland small cities and migration in Asia

Associate Professors:

- Sebastien Breau¹, PhD (UC Los Angeles) sebastien.breau@mcgill.ca
 Economic geography
 Spatial dimensions of inequality
 Regional development
 Quantitative methods
- Benjamin Forest, PhD (UC Los Angeles) benjamin.forest@mcgill.ca
 Governance, political parties, and electoral geography
 Monuments, memorials, and public memory
 Political representation and redistricting/redistribution
 Visible minorities, racial/ethnic identity, and gender
- Margaret E. R. Kalacska, PhD (Alberta) margaret.kalacska@mcgill.ca
 Remote sensing of tropical forest ecosystems, forensic applications of remote sensing, modeling of tropical forest ecosystems

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

- Michel Lapointe, PhD (British Columbia) michel.lapointe@mcgill.ca
 Geomorphic disturbances to rivers and their effects on fish habitat
 Sediment transport mechanics in rivers
 Transitions between channel pattern types
- Bernhard Lehner, PhD (Frankfurt) bernhard.lehner@mcgill.ca
 Hydrologic simulation within a GIS environment, scale effects, and generation/
 evaluation of global data sets
 Large-scale modeling of the terrestrial water cycle and the effects of climate
 change on water resources and hydrologic regimes
- Graham MacDonald, PhD (McGill) graham.macdonald@mcgill.ca
 Food systems, including urban food and agriculture
 Global land use
 Globalization of food and agriculture
 Social-ecological systems
 Human impacts on global biogeochemical cycles
- Kevin Manaugh, PhD (McGill) kevin.manaugh@mcgill.ca
 Social justice and inequality in urban areas
 Transportation planning and travel behavior
 Urban transport geography
 History and planning of urban transportation systems
 Spatial and social justice
- Thom Meredith, PhD (Cambridge) tom.meredith@mcgill.ca
 Management of ecological resources and cultural adaptation in traditional
 resource-use systems
 Environmental impact assessment
 Community-based environmental decision support
 Sustainable tourism and biodiversity conservation
 Experiential environmental education and structuring safe, supportive and
 effective field courses
 Research areas: East Africa, Latin America, Canada,
- Sarah Moser, PhD (Singapore) sarah.moser@mcgill.ca
 Cultural politics of urban mega-developments
 Urban and cultural geography, Asia and Middle East
 Transnational circulation of urban policy and aesthetics
 Geographies of exclusion
 Performativity, nation-building
- 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
 Geospatial ontologies in indigenous communities
 GIS and the Geoweb in the environmental/conservation movements
 Public participation Geographic information Systems (GIS)/participatory GIS in
 marginalized communities, community based organizations, and social
 movement groups
 Use and development of e-commerce tools for use in marginalized communities.
 Use of information and communications technology (including Web 2.0) by non-
 governmental organizations in influencing climate change policy
- Ian Strachan, PhD (Queen's) ian.strachan@mcgill.ca
 Marsh wetland carbon dynamics
 Carbon emissions from restored and drained peatlands
 Greenhouse gas emissions from agricultural systems
- Jon Unruh, PhD (Arizona) jon.unruh@mcgill.ca
 Carbon sequestration in woody biomass projects, Africa
 Change in resource use process and pattern of pastoralists in East Africa
 Customary, indigenous, traditional land law
 Environmental change and land rights
 Food security and famine, Africa
 Legal geography and the intersection of statutory and customary law
 Migration and environmental change
 Postwar land and property rights
 Small-scale agriculture in the developing world
 The peace process in the developing world

Assistant Professors:

- Mette Bendixen PhD (University of Copenhagen) mette.bendixen@mcgill.ca
 Gaining quantitative understanding of dynamic landscape
 processes and examine the impact of these on the coupled
 human- natural system.
 Understanding the Arctic landscape changes and sediment
 dynamics climate and their implications for local communities
 Document the complex relationships between a growing global
 demand for sand and gravel (aggregates) and a sustainable
 development.
- Yann le Polain de Waroux, PhD (University of Louvain) yann.lepolaindewaroux@mcgill.ca
 Qualitative and quantitative methods to explore questions of land-use change,
 development and sustainability
 Linkages between different manifestations of economic globalization, such as
 migration, trade in niche products or commodities and capital mobility
 Agent-level determinants of land-use change in dry woodland ecoregions of North
 Africa and South America
- Grant McKenzie, PhD (UC Santa Barbara) grant.mckenzie@mcgill.ca
 Geographic Information Science
 Quantitative dimensions of Place and Space
 Geospatial privacy and security
 Human mobility patterns and trajectory analysis

Mylene Riva, PhD (University of Montreal)

mylene.riva@mcgill.ca

Health geography

Social and environmental determinants of health

Housing

Energy poverty

Place effects on health

Indigenous Peoples' health

Population health intervention research

Quantitative and mixed methods

Christian von Sperber, PhD (ETH Zurich)

chris.vonsperber@mcgill.ca

Biogeochemical cycling of phosphorus and nitrogen in soils

Stable isotopes of C, N and O as tracers in environmental systems

The effect of land-use changes on soil-nutrient pools

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

School Offers

BA, BSc, MA, MSc, PhD, McMaster Center for Climate Change

Faculty

Professors:

Email Address:

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

**Geographer*

Alan P. Dickin, PhD (Oxford)	dickin@mcmaster.ca
Crustal evolution in the Grenville Province of the Canadian Shield	
Radiogenic Isotope Geology	
Carolyn H. Eyles, PhD (Toronto)	eylesc@mcmaster.ca
Environmental geology	
Glaciomarine sedimentology	
Tectonic versus climatic controls on sedimentation in glaciated basins	
Karen Kidd, PhD (Queen's)	karenkidd@mcmaster.ca
Contaminants in Aquatic Food Webs	
Forest management and stream health	
Dams and dam removal	
Kenneth Bruce Newbold ¹ *, PhD (McMaster)	newbold@mcmaster.ca
Aging issues	
Immigration: settlement, adjustment, and health	
Internal migration in Canada and the United States	
Mobility and transportation	
Hector Antonio Paez*, PhD (Japan)	paezha@mcmaster.ca
Health geography	
Spatial data analysis and statistics	
Transportation modelling	
Eduard G. Reinhardt, PhD (Carleton)	ereinhar@mcmaster.ca
Catastrophic event stratigraphy	
Geoarchaeology	
Geographic information systems	
Isotope geochemistry	
Marine archaeology	
Micropaleontology (foraminifera)	
Quaternary geology	
Paleoenvironmental analysis	
Darren M. Scott*, PhD (McMaster)	scottdm@mcmaster.ca
Active travel and sustainable transportation	
Activity-based approaches to travel analysis and modeling	
Built environment	
Geographic info systems for transportation (GIS-T)	
Gregory F. Slater ² , PhD (Toronto)	gslater@mcmaster.ca
Astrobiology, Geobiology	
Biodegradation and bioremediation	
Contaminant hydrogeology	
Environmental and Organic Geochemistry	
Stable isotope Geochemistry	

¹ Director

² Associate Director, Graduate

*Geographer

James E. Smith, PhD (Waterloo)	smithja@mcmaster.ca
Multiphase flow through porous media Soil physics and hydrogeology Vadose zone hydrology Water flow and contaminant transport in the subsurface	
James Michael Waddington, PhD (York)	wadding@mcmaster.ca
Climate change and hydrology Peatlands, drought, wildfire, groundwater Watershed ecohydrology	
Allison Williams*, PhD (York)	awill@mcmaster.ca
Therapeutic landscapes Informal/family caregiving Home/community health care Urban health/quality of life Health determinants Women's health Sense of place Rural health/care Health care services/policy Program planning and evaluation	
Robert D. Wilton ³ , PhD (Southern California)	wiltonr@mcmaster.ca
Geographies of addiction and mental health Geographies of disability Social geographies of exclusion	

Associate Professors:

Joseph I. Boyce, PhD (Toronto)	boycej@mcmaster.ca
Climate and paleoenvironmental reconstruction using magnetic proxies Environmental (near-surface) Geophysics Environmental magnetism Paleomagnetism	
Sang-Tae Kim, PhD (McGill University)	sangtae@mcmaster.ca
Biomineralization Chemical Oceanography Cosmochemistry Experimental Geochemistry Marine and Aqueous Geochemistry Paleoclimatology Stable Isotope Geochemistry	

³ Associate Director, Undergraduate
 *Geographer

- Gita Ljubicic*, PhD (Toronto) gita.ljubicic@mcmaster.ca
 Community-engaged research for northern sustainability
 Human dimensions of environmental change
 Indigenous knowledge
 Inuit Nunangat (Inuit homelands)
 Northern governance and co-management
 Cross-cultural research ethics and methodologies
- Suzanne Mills*, PhD (Saskatchewan) smills@mcmaster.ca
 Aboriginal identity and work in natural resource, labour and the environment
 Construction trades unions
 Equity and unions
 Gender
- Maureen Padden, PhD (Tech Ins. Zurich) paddenm@mcmaster.ca
 Paleoceanography and paleoclimatology
 Sedimentary geology
 Stable isotope geochemistry
 Teaching and learning environments
- Niko Yiannakoulis*, PhD (Alberta) yiannan@mcmaster.ca
 Agent-based modelling
 Crime geomatics
 Cluster detection methods and theory
 Child health
 Injury epidemiology
 Medical geography
- Assistant Professors:*
- Melanie Bedore*, PhD (Alberta) bedorema@mcmaster.ca
 Urban and economic geography
 Geographies of globalization
 Social and cultural geography
 Socio-economic dynamics of cities
 Food access, inequality and urban life
- Luc Bernier, PhD (McMaster) berniejm@mcmaster.ca
 Biological controls on climate change
 Environmental geochemistry of redox sensitive elements
 Geomicrobiology, Virology
 Global biogeochemical cycles
- Alemu Gonsamo, PhD, (Helsinki) gonsamoa@mcmaster.ca
 Remote Sensing of Vegetation
 Phenology
 Global Change Ecology
 Terrestrial Carbon Cycle
 Climate Change Impact

**Geographer*

Michael Mercier*, PhD (McMaster)	mercieme@mcmaster.ca
Changing social geographies of Canadian cities	
Pedagogical studies including the assessment of the effectiveness of teaching and learning methods	
Philosophies of teaching	
Teaching and learning environments	
Alexander Peace, PhD (Durham)	peacea2@mcmaster.ca
Structural geology	
Tectonic processes	
Applied geophysics	
Field geology	
Magmatism	
Seismic hazards	

Professors Emeriti:

Paul M. Clifford, PhD (London)	clifford@mcmaster.ca
James H. Crocket, PhD (MIT)	crocketj@mcmaster.ca
John Drake, PhD (McMaster)	drake@mcmaster.ca
John D. Eyles*, PhD (London)	eyles@mcmaster.ca
Derek C. Ford, DPhil (Oxford) F.R.S.C.	dford@mcmaster.ca
Douglas Grundy, PhD (McMaster)	grundy@mcmaster.ca
Fred L. Hall*, PhD (MIT)	hallfl@mcmaster.ca
Richard S. Harris*, PhD (Queen's)	harrisr@mcmaster.ca
Leslie J. King, PhD (Iowa) F.R.S.C.	kinglj@mcmaster.ca
James R. Kramer, PhD (Michigan)	kramer@mcmaster.ca
Kao-Lee Liaw*, PhD (Clark University)	rliaw@mcmaster.ca
Gerard V. Middleton, PhD (London) F.R.S.C.	middleto@mcmaster.ca
William A. Morris, PhD (Open U, UK)	morriswa@mcmaster.ca
Yorgos Y. Papageorgiou*, PhD (Ohio State)	yorgos@mcmaster.ca
William Jack Rink, PhD (Florida State)	rinkwj@mcmaster.ca
Michael J. Risk, PhD (Southern California)	riskmj@mcmaster.ca
Wayne R. Rouse, PhD (McGill)	rouse@mcmaster.ca
Henry P. Schwarcz, PhD (California)	schwarcz@mcmaster.ca
Roger G. Walker, DPhil (Oxford) F.R.S.C.	walkerrg@cadvision.com
Ming-Ko Woo, PhD (British Columbia)	woo@mcmaster.ca

Adjunct Professors:

Matthew Adams*, PhD (McMaster)	adamsmd@ryerson.ca
Patricia Beddows, PhD (McMaster)	patricia@earth.northwestern.edu
Jing Chen, PhD (Reading, UK)	chenj@geog.utoronto.ca
Susan J. Elliott*, PhD (McMaster)	elliotts@mcmaster.ca
Beverly Goodman-Tchernov, PhD (McMaster)	bgoodman@univ.haifa.ac.il
Peter Kitchen*, PhD (McMaster)	kitchen@mcmaster.ca

**Geographer*

Chris McLaughlin, PhD (McMaster)
 Hamid Mehmood*, PhD (Bangkok)
 Nidhi Nagabhatla, PhD (Pune, India)
 Duminda Perera, PhD (Kyushu)
 Matthew Peros*, PhD (Toronto)
 Manzoor Qadir, PhD (Faisalabad)
 Dominique Rissolo, PhD (California)
 James Roy, PhD (Waterloo)
 Matthias Sweet, PhD (McMaster)
 Lina Taing, PhD (Cape Town)
 Martin Taylor*, PhD (Victoria)
 Shusen Wang, PhD (Alberta)
 Lesley A. Warren, PhD (Toronto)
 Amin Yazdani, PhD (Waterloo)

mclaug@mcmaster.ca
 hamid.mehmood@unu.edu
 Nidi.Nagbhatla@unu.edu
 perere1@mcmaster.ca
 mperos@ubishops.ca
 Manzoor.Qadir@unu.edu
 dominique@waittinstitute.org
 jim.roy@canada.ca
 sweet@mcmaster.ca
 taingl@mcmaster.ca
 vpr@uvic.ca
 Shusen.Wang@Canada.ca
 warrenl@mcmaster.ca
 yazdania@mcmaster.ca

Associate Members:

Tristan Carter, PhD (UCL)
 James Dunn*, DPhil (Simon Fraser)
 Gail Krantzberg, PhD (Toronto)
 Saiedeh Razavi, PhD (Waterloo)
 Olive Wahoush, PhD (Toronto)

stringy@mcmaster.ca
 dunnjam@mcmaster.ca
 krantz@mcmaster.ca
 razavi@mcmaster.ca
 wahousho@mcmaster.ca

Industry Professor:

John Maclachlan, PhD (McMaster)

maclacjc@mcmaster.ca

**Geographer*

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

Department Offers

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

Faculty

Professors Emeriti:

Gordon Handcock, PhD (Birmingham)
Joyce Macpherson, PhD (McGill)
Chesley Sanger, PhD (Dundee)

Email Address:

ghandcoc@mun.ca
jmacpher@mun.ca
csanger@mun.ca

Honorary Research Professors:

John Jacobs, PhD (Colorado)
Christopher Sharpe, PhD (Toronto)
Keith Storey, PhD (Western Ontario)
Roger White, PhD (North Carolina)

jjacobs@mun.ca
casharpe@mun.ca
kstorey@mun.ca
roger@mun.ca

Professors:

Alistair Bath, PhD (Calgary)
Trevor Bell, PhD (Alberta)
Norm Catto, PhD (Alberta)
Ratana Chuenpagdee, PhD, (British Columbia)
Evan Edinger, PhD (McMaster)
Arn Keeling¹, PhD (British Columbia)
Charles Mather, PhD (Queen's)
Josh Lepawsky, PhD (Kentucky)

abath@mun.ca
tbell@mun.ca
ncatto@mun.ca
ratanac@mun.ca
eedinger@mun.ca
akeeling@mun.ca
cmather@mun.ca
jlepawsky@mun.ca

Associate Professors:

Dean Bavington, PhD (Wilfrid Laurier)
Carissa Brown, PhD (Saskatchewan)
Joel Finnis, PhD (Colorado)
Julia Christensen² PhD (McGill)

dbavington@mun.ca
carissa.brown@mun.ca
jfinnis@mun.ca
jchristensen@mun.ca

¹ Department Head

² CRC Northern Governance and Public Policy (Tier II)

Max Liboiron, PhD (New York University)	mliboiron@mun.ca
Yolande Pottie-Sherman, PhD (British Columbia)	ypottiesherm@mun.ca

Assistant Professors:

Nicholas Lynch PhD (British Columbia)	nicholasl@mun.ca
Paul Ledger (Aberdeen)	pledger@mun.ca

Term Appointments:

Dr. Gerald Singh PhD (British Columbia)	geralds@mun.ca
---	----------------

Cross-Appointments:

Mario Blaser, PhD (McMaster)	mblaser@mun.ca
Katleen Robert, PhD (Southampton)	katleen.robert@mi.mun.ca
Roza Tchoukaleyska (Sheffield)	rozat@grenfell.mun.ca
Sarah Martin PhD (Waterloo)	sarahjmartin@mun.ca

Adjunct Professors:

Steve Bonnell, PhD (Dundee)	stephen.bonnell@canada.ca
Donald Forbes, PhD (British Columbia)	dlforbes@mun.ca
Pam Hall, PhD (Memorial)	p.hall@mun.ca
David Liverman, PhD (Alberta)	liverman@mun.ca
Ian Turnbull, PhD (Chicago)	ian.turnbull@card-arctic.ca
Rodolphe Devillers, PhD (Laval & Marne-la Vallée)	rodolphe.devillers@ird.fr

Post-Doctoral Fellows:

Evan Andrews	evana@mun.ca
Emily Reid Musson	ereidmusson@uwaterloo.ca
Daniel Banoub	d.banoub@mun.ca
Susane Havelka	susane.havelka@mail.mcgill.ca
Monica Engel	mntse1@mun.ca
Zaman Sajid	Zamin.sajid@mun.ca

Staff:

Glenn Crewe, GIS/RS Specialist	gcrewe@mun.ca
Valarie James, Administrative Assistant	vjames@mun.ca
Dominique Lavers, Administrative Program Assistant	lavers@mun.ca
Lynn Murphy, Administrative Staff Specialist III	lmurphy13@mun.ca
Pamela Murphy ³ , Administrative Staff Specialist III	pamela@mun.ca

³ on secondment

Mount Allison University

Department of Geography & Environment

144 Main St., Sackville, NB E4L 1A7

(506) 364-2326 — Fax (506) 364-2625

Email: aestabro@mta.ca

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

Department Offers

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

Faculty

Professors Emeritus:

Peter Ennals, PhD (Toronto)
David J. Mossman, PhD (Otago)

Email Address:

pennals@mta.ca
dmossman@mta.ca

Professors:

Jeff Ollerhead, PhD (Guelph)
Coastal geomorphology
Saltmarsh restoration

jollerhead@mta.ca

Brad Walters¹, PhD (Rutgers)
Aquaculture and changing property rights in the Bay of Fundy
Climate change politics and policy
Human-environment interactions in mangrove forests in the Philippines
Human-forest interactions in the Caribbean
Research methodology in human ecology

bwalters@mta.ca

Associate Professors:

Leslie Kern², PhD (York)
Gentrification
Gender and cities
Emotional and embodied geographies
Gender and work
Neoliberal urbanism
Urban revitalization
Activism and resistance

lkern@mta.ca

¹ Coordinator, Environmental Studies

² Coordinator, Women's and Gender Studies

Joshua Kurek, PhD (UNB)	jkurek@mta.ca
Aquatic ecology	
Past climate change	
Paleolimnology	
Environmental stressors and pollution	
Ecosystem monitoring of inland waters	
David Lieske ³ , PhD (Calgary)	dlieske@mta.ca
Species distribution modelling	
Biodiversity monitoring and conservation	
Environmental hazard and risk assessment	
Geographic Information Systems	
Geovisualization	
Tim Reiffenstein, PhD (Simon Fraser)	treiffen@mta.ca
Japan	
Cultural industries	
Ramen geographies	

Assistant Professors:

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

Lab Instructor/Technician

Ben Phillips, MSc (Mount Allison University)	bphillips@mta.ca
Climate change	
Acadian forest disturbance history	
Dendrochronology	
Dendroarchaeology	
Christina Tardif (NBCC)	ctardif@mta.ca
Geographic Information Systems	
Spatial Analysis	
Cartography	

Adjunct Professors:

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

³ Geography and Environment Department Head

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

Mount Royal University

Department of Earth and Environmental Sciences

Calgary, AB, T3E 6K6

403-440-6257

Website:

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

Department Offers

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

Faculty

Professors:

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

Email Address:

lmoorman@mtroyal.ca

Associate Professors:

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

mburnett@mtroyal.ca

Pam MacQuarrie, MSc
Cartography and GIS analysis
Weather and Climate

pmacquarrie@mtroyal.ca

Sessional Instructors:

Robin Cuthbert
Allison Gunther
Dana Naldrett
Susan Reid

rcuthbertson@mtroyal.ca
agunther@mtroyal.ca
dnalgrett@mtroyal.ca
sjried1@mtroyal.ca

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

Department Offers

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

Faculty

Professors Emeriti:

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

Professors:

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

Email Address:

johnmk@nipissingu.ca
aprilj@nipissingu.ca
danw@nipissingu.ca

Associate Professors:

Odwa Atari, PhD (Western)
Health Geography and GIS
Air pollution and modeling
Kirsten Greer³, PhD (Queen's)
Environmental history
Historical geography
Sean O'Hagan, PhD (Western)
Corporate and economic geography

odwaa@nipissingu.ca
kirsteng@nipissingu.ca
seano@nipissingu.ca

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

² Associate Dean, Arts & Science

³ CRC Global Environmental Histories and Geographies

Assistant Professors:

James Abbott, PhD (Duke)	jamesa@nipissingu.ca
Highly variable environments	
Rural livelihoods	
Leif Eric Mattson, PhD (Waterloo)	ericm@nipissingu.ca
Snow and ice hydrology	
David Rowbotham, PhD (Waterloo)	davidr@nipissingu.ca
Natural hazards and terrain analysis	

Instructors:

Mary Jackson, BEd (Nipissing)	maryj@nipissingu.ca
Ysabel Castle, MEd (Nipissing)	

GIS Technologist:

Qingyuan (Chin) Xue, MGIS (Calgary)	chinx@nipissingu.ca
-------------------------------------	---------------------

Queen's University

Department of Geography and Planning
Mackintosh-Corry Hall, Kingston, ON K7L 3N6

(613) 533-6030 — Fax (613) 533-6122

Email: knoxj@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:

Email Address:

Henry Castner, PhD (Wisconsin-Madison) Childrens' cartography and geographic education	hcastner@nc.rr.com
Peter Goheen, PhD (Chicago) Historical Urban	goheenp@queensu.ca
John Holmes, PhD (Ohio State) Urban and regional political economy Economic geography Labour geography	holmesj@queensu.ca
Hok-Lin Leung, PhD (Reading) Land use planning Urban design Policy planning and evaluation Cultural comparison	leungh@queensu.ca
W. George Lovell, PhD (Alberta) Pedro de Alvarado and the Illusive Conquest of Peru Indigenous survival in Latin America Historical Geography of Spanish Central America	lovellg@queensu.ca
Gerald McGrath, MA (Cambridge)	mcgrathg@queensu.ca
Eric Moore, PhD (Queensland) Population Urban Public policy	mooree@queensu.ca
Brian Osborne, PhD (Southampton) Historical Cultural Heritage studies	osborneb@queensu.ca
Mohammad Qadeer, PhD (Columbia) Multiculturalism, cities and planning for diversity Urban development and planning in the Global South Social and cultural developments in Pakistan	qadeerm@queensu.ca

- | | |
|--|-------------------------|
| 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 | |
| Maurice Yeates, PhD (Northwestern) | mhyeates@yahoo.ca |
| Commercial Structure | |
|
<i>Professors:</i> | |
| Laura Jean Cameron, PhD (Cambridge) | cameron@queensu.ca |
| Cultures of nature | |
| Historical geographies of science | |
| Sonic methods | |
| DongMei Chen, PhD | chendm@queensu.ca |
| (San Diego State/UC Santa Barbara) | |
| Change detection | |
| Remote sensing image analysis | |
| Spatial analysis and modeling | |
| Environmental and health applications | |
| Betsy Donald, PhD (Toronto) | betsy.donald@queensu.ca |
| Urban and regional political economy | |
| Economic geography | |
| Urban governance | |
| Cultural economies of food and food systems planning | |
| Anne Godlewska, PhD (Clark) | godlewsk@queensu.ca |
| Indigenous-Settler relations in Canada | |
| Literary geographies | |
| The history of geography | |
| Colonialism and imperialism | |
| The map and society | |
| Geographies of Chocolate | |
| David Gordon, D.Des. (Harvard) | david.gordon@queensu.ca |
| Suburbs in Canada, Australia and USA | |
| Planning history, especially Ottawa | |
| Capital cities | |
| Urban redevelopment, especially waterfronts | |
| Community design | |

Audrey Kobayashi, PhD (UC Los Angeles)	audrey.kobayasi@queensu.ca
Activism	
Social justice	
Housing	
Racism	
Human rights	
Feminism	
Immigration	
Critical disability studies	
Law and geography, theory	
Canada and Ireland	
Melissa Lafrenière, PhD (Alberta)	melissa.lafreniere@queensu.ca
Biogeochemistry	
Hydrology	
Carbon and nutrient cycling in alpine and arctic catchments	
Scott Lamoureux, PhD (Alberta)	scott.lamoureux@queensu.ca
Permafrost	
Geomorphology	
Hydrology and climate, especially in cold regions	
Warren Mabee ¹ , PhD (Toronto)	warren.mabee@queensu.ca
Forests and energy	
Bioenergy and biofuel technology	
Regional energy systems	
Beverley Mullings, PhD (McGill)	mullings@queensu.ca
Feminist political economy and Social reproduction,	
Decolonial/Anti-colonial geographies	
Labour geographies	
Racial capitalism	
Diaspora governance, Caribbean	
Mark Rosenberg ¹ , PhD (LSE)	mark.rosenberg@queensu.ca
Aging	
Population studies	
Health and medical geography	
Public policy	
Paul Treitz ² , PhD (Waterloo)	paul.treitz@queensu.ca
Biophysical remote sensing of Arctic and boreal environments	
Environmental monitoring using satellite optical and synthetic aperture radar (SAR) data	
Airborne laser scanning for forestry	

Associate Professors:

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

¹ Canada Research Chair

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

- 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
- Heather Castleden¹, 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 Collins³, 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. Meligrana⁴, PhD (Simon Fraser) jmeligra@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
- 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

¹ Canada Research Chair

³ Acting Director of SURP – Winter 2022

⁴ Director of SURP – Fall 2021

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
Economic geography	
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 cities	
Economic resilience	
Christopher Omelon, PhD (Toronto)	c.omelon@queensu.ca
Microbial/aqueous geochemistry	
Geomicrobiology	
Hydrogeology	
Microbialites	
Endolithic habitats	
Polar landscapes	
Climate change	

Carolyn Prouse, PhD (UBC)	carolyn.prouse@queensu.ca
Anticolonial urbanism	
Social reproduction	
Political ecology	
Critical race feminism	
Bioeconomies	
Infrastructure	
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	

Ryerson University

Department of Geography & Environmental Studies

350 Victoria Street, Toronto, ON M5B 2K3

416-979-5038 — Fax 416-979-5362

Website: <http://www.ryerson.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@ryerson.ca

Sustainable fashion

Environmental education

Nepal

Valuation of wetlands and wetlands management

Harald Bauder¹, PhD (Wilfrid Laurier)

hbauder@ryerson.ca

Critical border studies

Critical geographic practice

Immigration in Canada and Germany

Sanctuary and solidarity cities

¹ Graduate Program Director, MA in Immigration and Settlement Studies

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

Associate Professors:

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

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

³ Undergraduate Program Director, Geographic Analysis

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

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

⁵ Undergraduate Program Director, Environment and Urban Sustainability

⁶ President, Canadian Geophysical Union - Hydrology Section

Assistant Professors:

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

Acting Assistant Professors:

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

Contract Lecturers:

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

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

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

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

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

Adjunct Professors:

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

Administrative Staff:

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

Saint Mary's University

Department of Geography and Environmental Studies

Halifax, NS B3H 3C3

(902) 420-5737 — Fax (902) 496-8213

Email: geography@smu.ca

Website: <http://www.smu.ca/academics/departments/geography.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

Faculty

Professors Emeriti:

E. E. Douglas Day, PhD (Sheffield)

Robert J. McCalla, PhD (Hull)

Hugh Millward, PhD (Western Ontario)

Professors:

Email Address:

Catherine Conrad, PhD (Wilfrid Laurier)

cconrad@smu.ca

Sub-Saharan Africa: Irregular migration

Climate change and environmental migration

Perceptions of climate change and environmental change

Philip Giles, PhD (Calgary)

philip.giles@smu.ca

Morphology of alluvial fans

Morphometric analysis of digital elevation models

Analysis of remotely-sensed images for geomorphological interpretation

Cristian Suteanu, PhD (Bucharest)

cristian.suteanu@smu.ca

Environmental system analysis and modeling:

climate variability, natural hazards, renewable energy

Information processes in environmental systems

Danika van Proosdij, PhD (Guelph)

dvanproo@smu.ca

Coastal climate change vulnerability assessment and adaptation

Coastal geomorphology and morphodynamics

Natural Infrastructure

Saltmarsh biophysical processes

Geomatics and remotely piloted aircraft systems

Associate Professors:

Jason Grek-Martin¹, PhD (Queen's)

jason.grekmartin@smu.ca

Historical and cultural geographies of tourism in Nova Scotia and beyond

¹ Chair

- Nature, place, and meaning in Halifax parks
 Survey science and statecraft in the 19th-century Canadian West
 Min-Jung Kwak, PhD (University of BC) min-jung.kwak@smu.ca
 Globalization and transnational migration
 International education industry
 Immigrant entrepreneurship
 Immigrant health care services
 Mathew Novak, PhD (Western Ontario) m.novak@smu.ca
 Urban planning & development
 Retail geography
 The built environment/urban morphology
- Adjunct Professors:*
- Thomas Bouman, PhD (Göttingen) thomas_bouman@cbu.ca
 Sustainable agriculture: soil organic matter and nutrients in perennial pasture
 Sustainable forestry: tree diversity in forests; advance regeneration of tree
 species; willow short rotation coppice; soil acidification, soil amelioration
 Participatory development of agriculture and forestry
 Peter Bush, PhD (Western Ontario) peter.bush@novascotia.ca
 Landscape ecology
 Old-growth forests
 Geomatics
 Protected areas
 Michael Fox, PhD (McGill) mfox@mta.ca
 University-community relations
 Transportation issues
 Geographic education
 Community-based planning
 Ryan Gibson, PhD (Memorial) gibsonr@uoguelph.ca
 Rural development
 Economic geography
 Governance
 Gavin Mason, PhD (University of Guelph) gavin.mason@canada.ca
 Marine environmental geoscience
 Khan Rahaman, PhD khan.rahaman@smu.ca
 (University of Tokyo; University of Calgary)
 Climate change modeling, impacts, and vulnerability assessment
 Application of GIS and Remote Sensing in local warming modeling, disaster
 impacts and management
 Environmental management, sustainability, and urban health
 Urban built environment, pedestrianization, and non-motorized transportation
 planning
 HM Tuihedur Rahman, PhD (McGill) hm.rahman@mail.mcgill.ca
 Climate vulnerability and adaptation
 Sustainable natural resource management
 Nature-based solutions
 Sustainable rural development

Kate Sherran

kate.sherran@dal.ca

Rural social science

Sustainability transitions

Landscape change

Visual and spatial methods

Karen Harper, PhD (Alberta)

karen.harper@smu.ca

Plant biogeography

Forest edges

Landscape heterogeneity

Spatial pattern analysis

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

Department Offers

BA, BSc, BEnv, MA, MSc, PhD

Faculty

Professors Emeriti:

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

Retired:

Robert Horsfall, Ian Hutchinson, Paul M. Koroscil, Janet Sturgeon, Ivor Winton

Professors:

Email Address:

Nicholas Blomley, PhD (Bristol)

blomley@sfu.ca

Law

Space and power

Property and space

Tracy Brennand¹, PhD (Alberta)

tabrenna@sfu.ca

Application of shallow geophysical surveys to geomorphic problems

Glacial geomorphology and sedimentology

Paleoenvironmental change

Paleoglaciology

Paleohydrology

Quaternary environments

Alex Clapp, PhD (UC Berkeley)

aclapp@sfu.ca

Forest conservation and conflict resolution

Carbon pricing and climate change mitigation

Environmental science, policy and open data

Valorie Crooks, PhD (McMaster)

crooks@sfu.ca

Disability and chronic illness

Medical tourism

Palliative health and social care

Primary health care

¹ Chair

Suzana Dragicevic, PhD (Montreal)	suzanad@sfu.ca
GIS and GIScience	
Modeling spatial dynamic processes	
Complex systems, AI and soft computing	
Modeling land use and land cover changes	
Peter Keller, PhD (Western Ontario)	cpkeller@sfu.ca
Spatial analysis and decision support	
Geographic Information Sciences	
Health Geography	
Tourism	
Paul Kingsbury, PhD (Kentucky)	kingsbury@sfu.ca
Cultural Geography	
Psychoanalysis	
Social theory	
Paranormal cultures	
Lance Lesack, PhD (UC Santa Barbara)	llesack@sfu.ca
Biochemistry of lakes in the MacKenzie Delta	
Ecosystem biogeochemistry	
Land and water interactions	
Limnology	
Geoff Mann, PhD (UC Berkeley)	geoffm@sfu.ca
Macroeconomic policy	
Poverty & unemployment	
Politics of climate change	
Political economy	
Eugene McCann, PhD (Kentucky)	emccann@sfu.ca
Geographies of policy mobilities	
Urban politics and policy-making	
Geographies of drug policy	
Urban development	
Nadine Schuurman, PhD (British Columbia)	nadine@sfu.ca
Spatial epidemiology	
Health geography	
Critical GIScience	
GIS	
Ontologies	
Jeremy Venditti, PhD (British Columbia)	jeremy_venditti@sfu.ca
Fluvial geomorphology	
River dynamics	
Hydroacoustics	
Morphodynamic modelling	
Kirsten Zickfeld, PhD (Potsdam)	kzickfel@sfu.ca
Climate science	
Earth system modeling	
Climate-carbon cycle feedbacks	
Carbon budget	
Climate tipping points	

Associate Professors:

Rosemary Collard, PhD (British Columbia)	rcollard@sfu.ca
Political ecology	
Feminist political economy	
Capitalism	
Wildlife management	
Biodiversity loss	
Nick Hedley, PhD (Washington)	hedley@sfu.ca
Augmented reality	
Cartography	
Geographic information science	
Geospatial interface research	
Geospatial virtual environments	
Geovisualization	
Serious games for geospatial applications	
Spatial cognition	
Margaret Schmidt, PhD (British Columbia)	margaret_schmidt@sfu.ca
Digital and predictive soil mapping	
Forest soils/forest ecology	
Rehabilitation of degraded soils	
Soil-plant relationships	
Spatial patterns of soil properties	
Developing educational tools for soil science	

Assistant Professors:

May Farrales, PhD (British Columbia)	may_farrales@sfu.ca
Queer geographies	
Racial geographies	
Diaspora and migration	
William (Jesse) Hahm, PhD (UC – Berkeley)	whahm@sfu.ca
Hydrology	
Geomorphology	
Forest ecology	
Bing Lu, PhD (Toronto)	b_lu@sfu.ca
Remote sensing	
Ecosystem modelling	
Coastal dynamics	
Environmental change	
Spatial analysis	
Margaret Ramirez, PhD (Washington)	mm_ramirez@sfu.ca
Racial geographies	
Social justice movements	
Urban and cultural geographies	
Decolonial geographies	

University Lecturer:

Shivanand Balram, PhD (McGill)	sbalram1@sfu.ca
Spatial Information Science	
Quantitative Geography	
Spatial Decision Making	

Senior Lecturer:

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

Lecturers:

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

Associate Members:

Martin Andresen, PhD (British Columbia)	andresen@sfu.ca
Applied spatial statistics	
Spatial crime analysis	
Crime and place	
Yildiz Atasoy, PhD (Toronto)	yatasoy@sfu.ca
Global political economy	
Political sociology	
State restructuring	
Social change and development	
Political economy of agrifood systems	
Neo-liberal urbanism	
Clint Burnham, PhD (York University)	clint_burnham@sfu.ca
Cultural Studies	
Psychoanalytic theory	
Contemporary poetry	
Jeff Derksen, PhD (Calgary)	jderksen@sfu.ca
Urbanism and literature	
Social housing	
Gentrification	
Globalization & neoliberalism	
Peter Hall, PhD (UC Berkeley)	pvhall@sfu.ca
Port cities	
Logistics	

Employment	
Community development	
Urban economies	
Pascal Haegeli, PhD (British Columbia)	phaegeli@sfu.ca
Avalanche risk management	
Backcountry recreation	
Risk communication	
Climate change	
Kirsten McAllister, PhD (Carleton)	kmcallis@sfu.ca
Racialization, anti-colonialism and political violence	
Memory Studies	
Visual Studies	
Refugee Studies	
Japanese Canadian Internment	
Autoethnography	
Kendra Strauss, PhD (Oxford)	kstrauss@sfu.ca
Labour geography	
Economic geography	
Feminist political economy	
Social reproduction	
Legal geography	
Pensions	
Joseph E. Taylor III, PhD (Washington)	taylorj@sfu.ca
Environmental history of fisheries	
Recreation	
Gentrification	
Outdoor sports	
Public lands	

Adjunct Professors

Jeremy Fyke, PhD (Victoria University of Wellington)	fykej@ae.ca
Climate change modelling and application	
Nathan Gillet, D. Phil (Oxford)	nathan.gillett@canada.ca
Climate change modelling and attribution	
Brandon Heung, PhD (Simon Fraser)	Brandon.Heung@dal.ca
Soil science	
GIS	
Spatial analysis and modelling	
Digital soil mapping	
Machine Learning	
Olav Lian, PhD (Western Ontario)	olav.lian@ufv.ca
Quaternary sedimentology and stratigraphy	
Luminescence dating	
Christiana Miewald, PhD (Kentucky)	cmiewald@sfu.ca
Food security	
Urban agriculture	
Gender and sexuality	
Gentrification	

Lenore Newman, PhD (York)	lenore.newman@ufv.ca
Food security	
Sustainable cities	
Culinary geography	
Nature/culture interface	
Laura Pulido, PhD (UC-Los Angeles)	lpulido@uoregon.edu
Critical human geography	
Race, environmental justice, labor	
Chicana/o studies	
Popular education	
Janet Sturgeon, PhD (Yale)	sturgeon@sfu.ca
Environmental politics	
Governance, ethnicity, and land use transformations	
on the borders of China, Laos, Burma and Thailand	
Political ecology	
Kevin Ward, PhD (Manchester)	kevin.ward@manchester.ac.uk
Economic development	
Policy mobilities	
Urban and regional policy economy	

The King's University
Geography Program
9125 50 Street NW, Edmonton, AB T6B 2H3
(780) 465-3500 Ext. 8081 — Fax (780) 465-3534
Email: nancy.burford@kingsu.ca
Website: <https://www.kingsu.ca/programs/geography>

Department Offers

BA and BSc in Environmental Studies, Geography minor only

Faculty

Professor Emeritus:

Email Address:

Harry Spaling, PhD (Guelph)	harry.spaling@kingsu.ca
Sustainability of rural resource-based livelihoods in East Africa	
Community-based environmental assessment of NGO development projects	
African creation wisdom	

Associate Professors:

Joanne M. Moyer, PhD (Manitoba)	joanne.moyer@kingsu.ca
Environmental sustainability within faith communities	
Learning for sustainability (Transformative Learning Theory)	
Community-based sustainability initiatives, public participation, and governance	
Michael Ferber, PhD (West Virginia)	michael.ferber@kingsu.ca
Geography of Religion; Religion & the Environment	
Poverty and International Development	
Geographic Education; Student Development	

Work Integrated Learning Coordinator (ENVS):

Nancy Burford, B.Des.(ACAD), CCDP, Career Development Certificate (Concordia)	
Environmental career development	nancy.burford@kingsu.ca

Thompson Rivers University

Department of Geography and Environmental Studies

805 TRU Way, Kamloops, BC, V2C 0C8

(250) 828-5000

Website: <https://www.tru.ca/arts/departments/geography.html>

Department Offers

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

Faculty

Professors:

Email Address:

Darryl Carlyle-Moses, PhD (Toronto)

dcarlyle@tru.ca

Ecohydrology

Micrometeorology

Urban hydrology and meteorology

David Hill, PhD¹ (Illinois at Urbana-Champaign)

dhill@tru.ca

Data mining

Environmental sensing

Spatiotemporal modelling

Natural resource management

Michael Mehta, PhD (York)

mmehta@tru.ca

Air quality

Citizen science

Risk

Renewable energy

Sustainability

Associate Professors:

Gilles Viaud, PhD (Saskatchewan)

gviaud@tru.ca

Quality of life in small cities

Social structural of urban residential areas

Urban residential changes in Canada

Tom Waldichuk, PhD (York)

twaldichuk@tru.ca

Geography of Japan

Rural-urban fringe

Field education

Rural Sustainability

¹ Chair (as of June 1, 2021)

Associate Teaching Professor:

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

University Instructor:

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

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

Department Offers

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

Faculty

Professors Emeriti:

	<i>Email Address:</i>
Alan G. Brunger, PhD (Western Ontario) Heritage landscapes and regions – recording and interpretation Historical geography of Ontario	abrunger@trentu.ca
Frederick M. Helleiner, PhD (Western Ontario)	fhelleiner@trentu.ca
John S. Marsh, PhD (Calgary) History of the Dee Estuary, England History, planning and management of national and provincial parks and World Heritage Sites History, planning, management, use and impact of recreation trails The identification, protection, and interpretation of cultural landscapes Tourism and heritage in Chile	jmarsh@trentu.ca
George A. Nader, PhD (Durham) A History of the Syrian-Lebanese Community in Trinidad and Tobago	gnader@trentu.ca
Colin H. Taylor, PhD (McGill)	ctaylor@trentu.ca

Professors:

Shaun Watmough ¹ (Liverpool John Moores) Ecosystem responses to environmental stress Impacts of acid rain, climate change, nutrient depletion, forestry and metals on forest and lake ecosystems	swatmough@trentu.ca
James Buttle, PhD (Southampton) Forest hydrology Hydrological effects of land use change Solute transport in the unsaturated zone	jbuttle@trentu.ca

¹ Director of the Trent School of the Environment

- Steven E. Franklin, PhD (Waterloo) sfranklin@trentu.ca
Remote sensing, environmental management, habitat and biodiversity mapping
- Peter M. Lafleur, PhD (McMaster) plafleur@trentu.ca
Atmosphere-biosphere energy exchange on arctic tundra ecosystems
Energy water and carbon fluxes from boreal wetlands
- Cheryl L. McKenna Neuman, PhD (Queen's) cmckneuman@trentu.ca
Aeolian bedforms
Mechanics of sediment transport
Wind tunnel simulation of aeolian processes and dust emission
- Heather N. Nicol, PhD (Queen's) heathernicol@trentu.ca
Economic development and regionalism in Canada
Geopolitics and security in the Circumpolar North
Geopolitics of Canada's Cuban foreign policy
Neoliberalism, globalization and Caribbean integration
North American borders post-9/11
- Mark W. Skinner, PhD (Queen's) markskinner@trentu.ca
Canada research chair in rural aging, health and social care
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:

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

Assistant Professors:

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

Trinity Western University

Department of Geography and Environment

7600 Glover Road, Langley, BC V2Y 1Y1

(604) 888-7511 — Fax (604) 513-2143

Email: jayne.cummins@twu.ca

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

Department Offers

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

Faculty

Professor Emeritus:

Email Address:

Carl Tracie, PhD (Alberta)

tracie@twu.ca

Doukhobor village settlement in western Canada

Landscape and literature in western Canada

Professors:

David Clements¹, PhD (Queen's)

clements@twu.ca

Ecology of invasive plants and other species

Restoration ecology focusing on Garry oak ecosystems

Associate Professors:

Geraldine Jordan, PhD (Simon Fraser)

geraldine.jordan@twu.ca

Landscape ecology and GIS

Health geography

Karen Steensma², MS (Western Washington)

steensma@twu.ca

Ecologically sustainable management of bird damage to agriculture

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

Bruce Shelvey², PhD (Arizona State)

shelvey@twu.ca

Environmental history

Assistant Professors:

David Jordan³, MA (Victoria)

davidj@twu.ca

Dendrochronology

Dendroecology of Garry oak (*Quercus garryana*)

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

¹ Cross-appointed with Department of Biology

² Cross-appointed with Department of History

³ Academic Coordinator, Physical Geography Program

Maxwell Ofosuhené ⁴ , PhD (Saskatoon) Community/regional development strategies Rural and urban home-based business	maxwell.ofosuhené@twu.ca
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Part-Time Instructors:

Christopher Hall, Land Manager and Instructor	Christopher.Hall @twu.ca
Aimee McGowan, Land Use Planner	Aimee.mcGowan@twu.ca
Stuart Jones, MCIP, RPP Senior Policy and city Planner	Stuartjo@telus.net
Scott McQuarrie, President of URISA BC	sdmcquarrie@yahoo.ca

Adjunct Faculty:

Jamie Spinney, PhD (McMaster) Sustainable cities Active transportation Time geography Physical activity	jamie.spinney@smu.ca
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Staff:

Jayne Cummins (Executive Assistant)	Jayne.Cummins@twu.ca
Liz Robertson (Executive Assistant)	Liz.Robertson@twu.ca

⁴ Department Chair (Faculty information as of July 1, 2016)

Université de Moncton

Département d'histoire et de géographie
Campus de Moncton, Moncton, N.-B. E1A 3E9

(506) 858-4065 — Télécopieur (506) 858-4508

Adresse électronique : hist-geo@umoncton.ca

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

Le département n'offre

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

Personnel enseignant (Edmundston, Moncton, Shippagan)

Professeurs titulaires :

Adresse électronique :

Guillaume Fortin¹, Ph. D. (INRS)

guillaume.fortin@umoncton.ca

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

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

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

Suivi historique des sécheresses au N.-B.

Serge Jolicoeur¹, Ph. D. (UQAM)

serge.jolicoeur@umoncton.ca

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

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

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

Professeurs agrégés :

André Robichaud², Ph. D. (Laval)

andre.j.robichaud@umoncton.ca

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

¹ Campus de Moncton

² Campus de Shippagan

Majella Simard¹, Ph. D. (UQAR)

majella.simard@umoncton.ca

La coopérative de solidarité La Barque: un vecteur d'innovation sociale et de développement territorial au sein de la région Chaleur;

Évaluation et pérennisation sociocommunautaire de la démarche Municipalités et Communautés amies des aînés (MADA-CADA) au Nouveau-Brunswick (en collab. avec Mario Paris)

Contrer l'exclusion des aînés des milieux ruraux dans des situations d'urgence et de crise. Quelles perspectives pour la participation et un vieillissement actif? (Marco Alberio, chercheur principal (UQAR); en collab. avec Nicole Ouellet (UQAR et Cécile Van De Velde (U de Montréal)

Le processus de dépeuplement continu dans la perspective d'un aménagement territorial durable : enjeux et impacts sur la reconfiguration spatiale du tissu de peuplement au Québec

Guy Vincent^{1, 3}, Ph. D. (Laval)

guy.vincent@umoncton.ca

Développement urbain du Grand Moncton

Évolution spatiale du hockey professionnel nord-américain

La mobilité résidentielle dans les villes centrales

La réaffectation des sols industriels en ville centrale

Le marché du logement des villes centrales et les différentes formes de gentrification

Les transformations sociales dans les villes centrales

Chargés et chargée de cours :

Armand LaRocque¹, Ph. D. (Montréal)

armand.larocque@umoncton.ca

Cartographie de la couverture végétale et des zones humides de plusieurs parties du Canada, à partir d'images satellitaires

Cartographie des zones inondables du Nouveau-Brunswick, à partir d'images satellitaires

Cartographie de la zostère marine dans l'est du Canada, à partir d'images acquises avec l'aide d'un drone et par satellite.

Cartographie de l'évolution de la végétation dans des marais salés en voie de restauration dans l'est du Canada, à partir d'images acquises avec l'aide d'un drone et par satellite.

¹ Campus de Moncton

² Campus de Shippagan

³ Directeur adjoint du Département d'histoire et de géographie

Université de Montréal

F.A.S. - Département de géographie

Case postale 6128, succursale Centre-ville, Montréal, QC, H3C 3J7

(514) 343-8010 — Télécopieur (514) 343-8008

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

Programmes d'études avancées

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

Personnel enseignant

Professeurs émérites :

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 :

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

Professeurs titulaires :

François Cavayas, PhD (Laval)
Remote sensing
GIScience
Claude Comtois, PhD (Hong Kong)
Transportation
China
Paul Comtois, PhD (Laval)
Aerobiology
Palynology
Aeromycology
François Courchesne PhD (McGill)
Soil science
Biogeochemistry
Daniel Fortier PhD (Laval)
Cold regions geomorphology
Patricia M. Martin¹, PhD (Colorado)
Development
Gender
Political violence
Latin America

francois.cavayas@umontreal.ca

claudio.comtois@umontreal.ca

paul.comtois@umontreal.ca

francois.courchesne@umontreal.ca

daniel.fortier@umontreal.ca

patricia.martin@umontreal.ca

¹ Directrice (information sur la Faculté, 29 août 2017)

Professeurs agrégés :

Olivier Blarquez, PhD (EPHE) Biogeosciences Paleoecology Geographies of fire Disturbance ecology	olivier.blarquez@umontreal.ca
Kathryn Furlong, PhD (UBC) Canada Research Chair in Water and Urbanization	kathryn.furlong@umontreal.ca
Francois 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
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, PhD (McGill) Biogeography Environmental change Modeling	j.talbot@umontreal.ca

Professeurs adjoints :

Gabriel Fauveaud, PhD (Sorbonne) Southeast Asia Urban geography Governance Social geography	gabriel.fauveaud@umontreal.ca
Sebastien Nobert, PhD (Edinburgh) Political ecology Geographies of risk	s.nobert@umontreal.ca

Luna Vives, PhD (British Columbia)
International migration
Borders
Political geography

luna.vives@umontreal.ca

Professeurs associés :

Nicolas Bélanger, PhD (McGill)
Claude Marois, PhD (Laval)
Ridha Touzi, PhD (Toulouse)

Université de Sherbrooke
Département de géomatique appliquée
2500 boulevard de l'Université, Sherbrooke (Québec) J1K 2R1
819 821-7190
Adresse électronique : geomatique@usherbrooke.ca
Site web : <https://www.usherbrooke.ca/geomatique/futurs-etudiants/>

Programmes d'études offerts

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

Département de géomatique appliquée

Professeurs titulaires :

Adresse électronique :

Richard Fournier, PhD (Laval)

Richard.Fournier@USherbrooke.ca

Évaluation, modélisation et extraction de paramètres structuraux de peuplements forestiers à l'aide d'un LiDAR terrestre (3D) : évaluation des paramètres de la tige, du houppier, de la surface foliaire et de la distribution des éléments du couvert

Amélioration des méthodes de cartographie des attributs forestiers à l'aide des données LiDAR (terrestre, sur drone et aéroporté) et des images satellitaires

Cartographie, mesures et modélisation d'attributs structurels de la forêt et des arbres, tels que les attributs de la fibre de bois, l'indice de surface foliaire, la biomasse, le volume ligneux, le défilement des tiges, etc.

Utilisation des outils géomatiques pour la gestion par bassin versants ou des eaux récréatives

Cartographie des zones de conservation

Kalifa Goïta, PhD (Sherbrooke)

Kalifa.Goita@USherbrooke.ca

Étude des variations de niveaux d'eau de surface en milieu hétérogène par altimétrie satellitaire (Topex-Poseidon, Jason, Envisat, Icesat)

Estimation de l'humidité du sol au moyen de mesures au sol et de données micro-ondes passives aéroportées et satellitaires dans le cadre de la validation de données SMOS

Estimation du contenu en eau de la végétation et intégration de la télédétection dans les modèles de propagation des feux de forêts

Utilisation des micro-ondes passives et de l'altimétrie par satellite pour l'estimation de l'épaisseur et du contenu en eau de la neige

Biomasse et carbone des formations forestières tropicales

Analyse de données géoscientifiques et de télédétection multisources combinés à des relevés conventionnels, pour des fins d'exploration minière
Synergie des mesures spectrales pour l'aide à la décision en viabilité hivernale (conditions de la chaussée)

Yannick Huot, PhD (Dalhousie) Yannick.Huot@USherbrooke.ca
Télédétection de la couleur de l'océan et modélisation de la production primaire
Physiologie du phytoplancton en laboratoire
Photochimie marine en Arctique (échanges eau-atmosphère, changements climatiques)
Observation automatisée du plancton en milieu lacustre
Télédétection et modélisation de la fluorescence naturelle

Ramata Magagi, PhD Ramata.Magagi@USherbrooke.ca
(Institut de mécanique des fluides)
Validation de données micro-ondes passives de la mission spatiale SMOS
Estimation de l'humidité du sol par micro-ondes passives aéroportées et satellitaires
Modélisation des paramètres physiques terrestres

Jérôme Théau, PhD (Laval) Jerome.Theau@USherbrooke.ca
Analyse multi-échelle et développement de méthodes de caractérisation des réseaux et des corridors écologiques
Exploitation de données de télédétection à très hautes résolutions spatiale et temporelle, acquises par aéronefs sans pilote (drones), pour l'agriculture de précision, l'inventaire faunique et la photogrammétrie
Suivi de l'intégrité écologique des aires protégées
Caractérisation spatio-temporelle des biens et services écologiques

Professeur agrégé :

Alexandre Langlois, PhD (Manitoba) Alexandre.Langlois2@USherbrooke.ca
Les effets des changements climatiques sur le pergélisol, le couvert nival et la toundra, lacs et rivières et géosystèmes dans le but de trouver des solutions et stratégies d'adaptation pour les communautés nordiques.
La quantification des incertitudes relatives à la détermination de l'équivalent en eau de la neige liées à la végétation et la topographie, et l'exploration du besoin de mesures en continu et en temps réel.
La promotion et le développement des méthodes innovatrices de mesures du manteau neigeux.

Professeurs adjoints :

Yacine Bouroubi, PhD (Montréal) Yacine.Bouroubi@USherbrooke.ca
Utilisation des drones et de l'apprentissage profond pour le dépistage automatisé des ravageurs en agriculture
Évaluation du potentiel photovoltaïque des toits de bâtiments sur les images WorldView-3 par les techniques de traitement d'images conventionnelles (photogrammétrie et classification OO) et avancées (réseaux de neurones convolutionnels)
Cartographie intelligente des sols agricoles par fouille de mégadonnées d'OT
Réduction des gaz à effet de serre par télédétection (projet d'AAC)

Détection des maladies des cultures par télédétection thermique (projet d'AAC)

CANARIE - GeolmageNet : plateforme web pour l'annotation et l'apprentissage profond sur les images satellites à très haute résolution spatiale

Environmental Defense Fund - AAFC : Relationship between Nitrogen balance and variability in remotely sensed measures / Relation entre l'équilibre azoté et la variabilité des mesures de télédétection

IABATHYM - Cartographie et suivi satellitaires des hauts-fonds par intelligence artificielle (projet en collaboration avec Effigis-GéoSolutions, financé par l'Agence spatiale canadienne)

Mickaël Germain, PhD (Sherbrooke)

Mickael.Germain@USherbrooke.ca

Fusion de données multicapteurs pour la classification des conditions routières par apprentissage profond (financement Vision Météo)

Segmentation sémantique par apprentissage profond sur des nano-ordinateurs en IoT

Démixage lithologique et minéralogique par modélisation du transfert radiatif dans un contexte de mine à ciel ouvert

Cartographie du Coltan en Côte d'Ivoire par apprentissage machine

SIG Web collaboratif pour le recensement des mammifères marins dans le sud du Chili pour l'aide au processus de conservation et de planification des zones (collaboration avec Prof. Liliana Perez, UdeM)

CANARIE - GeoImageNet : plateforme web pour l'annotation et l'apprentissage profond sur les images satellites à très haute résolution spatiale - transfert technologique (collaboration avec Prof. Yacine Bouroubi)

Myriam Lemelin, PhD (Hawaii)

Myriam.Lemelin@USherbrooke.ca

Cartographie de la composition minéralogique et des ressources en eau aux pôles lunaires à l'aide de données hyperspectrales, de données lidar et de la modélisation du transfert radiatif en support aux futures missions d'exploration spatiale;

Analyse de la rugosité de la surface lunaire et de l'astéroïde Bennu à l'aide de données lidar et de l'analyse en ondelettes en support aux missions d'exploration spatiale présentes et futures;

Téledétection de chapeaux de fer en Arctique canadien et travaux terrains visant à mieux comprendre leur composition et leurs processus de formation pour les comparer aux formations géologiques similaires présentes sur Mars;

Cartographie de la composition minéralogique de systèmes hydrothermaux préservés sur Mars comme indicateurs paléo environnementaux des conditions aqueuses et de la présence potentielle de vie.

Frédéric Bouchard, PhD (INRS)

Frederic.Bouchard5@USherbrooke.ca

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

Université du Québec à Chicoutimi

Département des sciences humaines et sociales

Unité d'enseignement en sciences des sociétés et des territoires

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

Adresse électronique : s1ue_societes-territoires@uqac.ca

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

Programmes d'études offerts

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

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

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

Faculté

Professeurs :

Adresse électronique :

Maxime Boivin, PhD (UQAR & ENS-Lyon)

maxime2_boivin@uqac.ca

Géographie physique

Hydrogéomorphologie

Écogéomorphologie

Restauration des rivières

Relation habitat du poisson et hydrogéomorphologie

Risques naturels

Marie Fall, PhD (Montréal)

marie_fall@uqac.ca

Gouvernance, démocratie et développement durable

Développement territorial

Changements climatiques, vulnérabilité et résilience des communautés

Genre et développement

Coopération internationale, solidarité internationale et aide au développement

Martin Simard, PhD (Laval)

mgsimard@uqac.ca

Géographie urbaine et régionale

Aménagement et développement territorial

Villes petites et moyennes en milieu périphérique ou nordique

Formes urbaines et développement durable

Université du Québec à Montréal

Département de géographie

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

514-987-4131

Courriel secrétariat : dept.geographie@uqam.ca

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

Programmes d'études offerts

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

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

Faculté

Professeurs :

Adresse électronique :

Yves Baudouin

baudouin.yves@uqam.ca

Géographie humaine

Systèmes d'information géomatique

Géomatique et gestion des risques

Environnement

Îlots de chaleur

Mario Bédard

bedard.mario@uqam.ca

Épistémologie

Géographie culturelle

Géographie régionale

Paysage

Sens du lieu

Territorialité

Stéphane Bernard

bernard.stephane@uqam.ca

Géographie des systèmes agraires

Réformes foncières

Systèmes agricoles alternatifs

Souveraineté alimentaire

Environnement

Expansion agricole/déforestation

Démondialisation des territoires

Résilience socio écologique

Asie du Sud-Est, Indonésie, Malaisie

Développement

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

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

Sylvain Lefebvre	lefebvre.sylvain@uqam.ca
Aménagement du territoire	
Études urbaines	
Géographie humaine	
Géographie urbaine	
Gestion des risques	
Grands projets urbains	
Planification territoriale	
Tourisme	
Urbanisme	
Yann Roche	roche.yann@uqam.ca
Asie du Sud-Est	
Cartographie	
Environnement	
Géopolitique du sport	
Laos	
Ressources naturelles	
Sociologie	
Thaïlande	
Vieillesse et santé	
Jacques Schroeder	schroeder.jacques@uqam.ca
Cavernes	
Développement local	
Géomorphologie	
Patrimoine naturel	
Catherine Trudelle	trudelle.catherine@uqam.ca
Activité conflictuelle	
Conflits urbains	
Environnement	
Études urbaines	
Géographie humaine	
Gouvernance locale	
Humanisation de la ville	
Sociologie	
Jean-Philippe Waaub	Waaub.jean-philippe@uqam.ca
Agendas 21 locaux	
Aide à la décision	
Changements climatiques	
Développement	
Environnement	
Études d'impacts	
Évaluation environnementale	
Évaluation stratégique	
Modélisation de l'énergie	
Modélisation de l'environnement	
Participation publique	

Professeurs associés :

Taïka Baillargeon	baillargeon.taika@uqam.ca
Élisabeth Vallet	vallet.elisabeth@uqam.ca
Géopolitique	
Frontières, murs frontaliers	
Système politique américain	
Serge Occhietti	occhietti.serge@uqam.ca
Ursule Boyer-Villemaire	boyer-villemaire.ursule@uqam.ca
Michel C. Doré	
Dan Lansana Kourouma	
Pham Van Cu	
Maria de Lourdes Vazquez Rascon	

Chargés de cours :

Clémence Benoît	benoit.clemence@uqam.ca
Marie-Ève Desroches	desroches.marie-eve@uqam.ca
Maxime Désirat	desirat.maxime@uqam.ca
Géomatique	
Estelle Dricot	dricot.estelle@uqam.ca
Salvador David Hernandez	hernandez.salvador-david@uqam.ca
Mustapha Kebiche	kebiche.mustapha@uqam.ca
Changements climatiques	
Risques naturels	
Kosal Khun	khun.kosal@courrier.uqam.ca
Géomatique	
Télédétection	
Programmation et automatisation	
Frédéric Leclerc	leclerc.frederik@uqam.ca
Imad Lekouc	lekouch.imad@uqam.ca
Géomatique	
Johanne Léveillé	leveille.johanne@uqam.ca
Gabriel Magnan	magnan.gabriel@uqam.ca
Biogéographie	
Paléoécologie	
Changements climatique	
Geneviève Marquis	marquis.genevieve@uqam.ca
Jean-Philippe Martin	martin.jean-philippe@uqam.ca
Risques naturels	
Andréanne Oligny Bissonnette	oligny-bissonnette.andreanne@uqam.ca
Raphaël Pelletier	pelletier.rafael@uqam.ca
Alexis Robitaille	robitaille.alexis@uqam.ca
Géomatique	
Géomorphologie	
François Robitaille	robitaille.francois@uqam.ca
Géomatique	
Karim Samoura	samoura.karim@uqam.ca
Hussein Wazneh	wazneh.hussein@uqam.ca

Technicien en cartographie :

Mourad Djaballah

djaballah.mourad@uqam.ca

Agent de recherche :

Bertrand Touchette

touchette.bertrand@uqam.ca

Animateur pédagogique / Coordonnateur des stages :

Hans Asnong

asnong.hans@uqam.ca

Université du Québec à Rimouski

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

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

Programmes d'études offerts

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

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

Faculté

Professeurs titulaires :

Adresse électronique :

Simon Bélanger¹, PhD (Pierre et Marie Curie)

simon_belanger@uqar.ca

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)

pascal_bernatchez@uqar.ca

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

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

Réseaux de suivi environnemental des côtes du Québec maritime

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

Thomas Buffin-Bélanger, PhD (Montréal)

thomas_buffin-belanger@uqar.ca

Approche hydrogéomorphologique pour la gestion des cours d'eau

Étude des dynamiques glacielles dans les cours d'eau

Évaluation des bilans sédimentaires et ligneux dans les systèmes fluviaux

¹ Directeur du module (1^{er} cycle)

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

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

Programmes d'études offerts

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

Faculté

Professeurs :

Adresse électronique :

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

Chargés d'enseignement :

Pierre-André Bordeleau	Pierre-Andre.Bordeleau@uqtr.ca
------------------------	--------------------------------

Université Laval

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

Programmes d'études offerts

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

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

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

Faculté

Professeurs titulaires :

Nathalie Barrette, PhD (UQAM)
Climatologie

Modélisation climatique

Changements climatiques

Danièle Bélanger, PhD (Montréal)

Démographie sociale

Genre, population et développement

Migrations internationales

Genre et inégalités sociales

Najat Bhiry, PhD (Paris)

Paléoécologie

Paléopédologie

Sédimentologie

Laurent Bourdeau, PhD (UQAM)

Gestion et développement touristique

Steve Déry, PhD (Laval)

Asie du Sud-Est

Géographie économique

Géographie de l'environnement

Géographie rurale

Caroline Desbiens, PhD (British Columbia)

Géographie féministe et culturelle

Géographie historique du Nord

Géographie autochtone

Adresse électronique :

nathalie.barrette@ggr.ulaval.ca

daniele.belanger@ggr.ulaval.ca

najat.bhiry@cen.ulaval.ca

laurent.bourdeau@ggr.ulaval.ca

steve.dery@ggr.ulaval.ca

caroline.desbiens@ggr.ulaval.ca

Matthew Hatvany, PhD (Maine) Géographie historique et environnementale Géographie du Pacifique	matthew.hatvany@ggr.ulaval.ca
Patrick Lajeunesse, PhD (Laval) Environnements côtiers et marins nordiques Géomorphologie Quaternaire Sédimentologie	patrick.lajeunesse@ggr.ulaval.ca
Frédéric Lasserre, PhD (Saint-Étienne) Asie de l'Est Géographie politique Géopolitique de l'eau et de l'Arctique	frederic.lasserre@ggr.ulaval.ca
Martin Lavoie, PhD (Montréal) Biogéographie Paléoécologie Palynologie	martin.lavoie@cen.ulaval.ca
Pascale Marcotte, PhD (UQAM) Tourisme et culture Pratiques et consommation touristiques et culturelles	pascale.marcotte@ggr.ulaval.ca
Guy Mercier, PhD (Laval) Aménagement du territoire Géographie urbaine Histoire et épistémologie de la géographie	guy.mercier@ggr.ulaval.ca
Reinhard Pienitz, PhD (Queen's) Biogéographie aquatique Paléoécologie Écosystèmes d'eau douce et côtiers nordiques	reinhard.pienitz@cen.ulaval.ca
Marc St-Hilaire, PhD (Laval) Géographie de la population Géographie du Québec Géographie historique	marc.st-hilaire@ggr.ulaval.ca
Marie-Hélène Vandersmissen ¹ , PhD (Laval) Analyse spatiale Géographie du transport Géographie urbaine Méthodes quantitatives	marie-helene.vandersmissen@ggr.ulaval.ca

Professeurs agrégés :

Dermot Antoniades, PhD (Toronto) Biogéographie aquatique Qualité de l'eau Paléolimnologie et écologie aquatique	dermot.antoniades@cen.ulaval.ca
Etienne Berthold, PhD (INRS UCS) Aménagement durable de la ville Géographie de la Russie Patrimoine urbain	etienne.berthold@ggr.ulaval.ca

¹ Directrice (Information sur le département, 1^{er} juillet 2016)

Yves Brousseau, PhD (Laval)	yves.brousseau@ggr.ulaval.ca
Cartographie	
Système d'information géographique	
Nathalie Gravel, PhD (Laval)	nathalie.gravel@ggr.ulaval.ca
Géographie de l'Amérique latine	
Géographie des espaces mondialisés	
Géographie rurale	
Pascale Roy-Léveillé, PhD (Carleton)	pascale.roy-Leveillee@ggr.ulaval.ca
Géomorphologie	
Pergélisol	
Thermokarst	
Martin Simard, PhD (Wisconsin-Madison)	martin.simard@ggr.ulaval.ca
Biogéographie	
Dendroécologie	
Écologie du paysage	

Professeur adjoint :

Jean-François Bissonnette, PhD (Toronto)	jean-francois.bissonnette@ggr.ulaval.ca
Développement durable	
Foresterie sociale	
Agroforesterie	
Foresterie internationale	
Aménagement territorial	
Marc-André Bourgault, PhD (UQAM)	marc-andre.bourgault@ggr.ulaval.ca
Écohydrologie	
Risques naturels	
Changements climatiques	
Justine Gagnon, PhD (Laval)	justine.gagnon@ggr.ulaval.ca
Géographie culturelle	
Patrimoine et tourisme autochtone	
Cartographie participative	
Géographie de la mémoire	
Adèle Garnier, PhD (Macquarie et Leipzig)	adele.garnier@ggr.ulaval.ca
Migration et territoire	
Migration, inégalité et pouvoir	
Géographie politique	
Gouvernance humanitaire	
Émilie Saulnier-Talbot, PhD (Laval)	emilie.saulnier-talbot@ggr.ulaval.ca
Écosystèmes aquatiques	
Paléoécologie	
Géoécologie	
(poste en double rattachement avec le département de biologie)	

Chargés d'enseignement :

Danielle Cloutier	danielle.cloutier@ggr.ulaval.ca
Guy Dorval	guy.dorval@ggr.ulaval.ca

Personnel non enseignant

Administration :

Karine Vaillancourt (secrétaire de gestion)	secretariat@ggr.ulaval.ca
Judith Giguère (agente de gestion des études)	judith.giguere@ggr.ulaval.ca
Julie Paquet (technicienne en administration)	administration@ggr.ulaval.ca

Responsables des travaux pratiques et de recherche :

Donald Cayer	donald.cayer@ggr.ulaval.ca
Ann Delwaide	ann.delwaide@ggr.ulaval.ca
Benoît Lalonde	benoit.lalonde@ggr.ulaval.ca

Laboratoire de cartographie :

Louise Marcoux	louise.marcoux@ggr.ulaval.ca
Sylvie St-Jacques	sylvie.st-jacques@ggr.ulaval.ca
Karine Tessier	karine.tessier@ggr.ulaval.ca

Cahiers de géographie du Québec :

Marie-Hélène Vandersmissen (rédactrice)	marie-helene.vandersmissen@ggr.ulaval.ca
Karine Vaillancourt (secrétaire à l'édition)	cahiers_de_geographie@ggr.ulaval.ca

University of Alberta
Department of Earth and Atmospheric Sciences
University of Alberta, Edmonton, AB T6G 2E3
(780) 492-3265 — Fax (780) 492-2030
Email: eas@ualberta.ca
Website: <http://www.ualberta.ca/eas>

Department Offers

BA Human Geography (major, minor), BA Planning (major), BSc Honors and Specialization in Environmental Earth Sciences, Geology, Planning and Paleontology, MA, MSc, PhD

Faculty

Professors Emeriti:

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

Distinguished University Professors:

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

Email Address:

Brian.Jones@ualberta.ca
Nat.Rutter@ualberta.ca

Professors:

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

* Human Geography, Meteorology, Environmental Sciences, and Planning

- | | |
|--|---------------------------------|
| Michael W. Caldwell, PhD (McGill) | mw.caldwell@ualberta.ca |
| Octavian Catuneanu, PhD (Toronto) | Octavian.Catuneanu@ualberta.ca |
| Thomas Chacko, PhD (North Carolina) | Tom.Chacko@ualberta.ca |
| Robert A. Creaser, PhD (La Trobe, Australia) | Robert.Creaser@ualberta.ca |
| *Duane G. Froese, PhD (Calgary) | duane.froese@ualberta.ca |
| Beringia
Natural hazards
Quaternary geology
Teprochronology | |
| *John Gamon, PhD (UC Davis) | gamon@ualberta.ca |
| Climate change impacts in northern latitude ecosystems
Detecting plant biochemical responses with non-contact optical methods
Disturbance effects on ecosystem function
Eco-informatics and Cyberinfrastructure for ecosystem monitoring
Plant ecophysiology, particularly related to photosynthesis
and environmental stress
Remote sensing for sampling terrestrial ecosystem composition and function | |
| *Theresa Garvin, PhD (McMaster) | Theresa.Garvin@ualberta.ca |
| Aging and urban/suburban environments
Community, health and environmental issues
Geography of health and health care
Policy development, implementation and analysis
Science, policy and social processes | |
| Murray K. Gingras, PhD (Alberta) | mgingras@ualberta.ca |
| Nicholas Harris, PhD (Stanford) | nharris@ualberta.ca |
| Christopher D. Herd, PhD (New Mexico) | herd@ualberta.ca |
| Stephen Johnston ¹ , PhD (Alberta) | stjohnst@ualberta.ca |
| Kurt O. Konhauser, PhD (Western Ontario) | Kurt.Konhauser@ualberta.ca |
| Lindsey Leighton, PhD (Michigan) | lleight@ualberta.ca |
| *Tara McGee, PhD (Australian Nat'l) | tmcgee@ualberta.ca |
| Human dimensions of environmental hazards
Public and stakeholder hazard decision-making and actions
Public and government mitigation
Public and government preparedness
Public participation
Qualitative research methods | |
| *Paul Myers, PhD (Victoria) | pmyers@ualberta.ca |
| High latitude oceanography
Numerical model development
Numerical modeling
Physical oceanography | |
| Robert W. Luth, PhD (UC Los Angeles) | Robert.Luth@ualberta.ca |
| Karlis Muehlenbachs, PhD (Chicago) | Karlis.Muehlenbachs@ualberta.ca |
| Graham D. Pearson, PhD (Leeds) | gdpearso@ualberta.ca |
| David Potter, PhD (Newcastle upon Tyne) | dkpotter@ualberta.ca |

¹ Department Chair

* Human Geography, Meteorology, Environmental Sciences, and Planning

Benjamin J. Rostron, PhD (Alberta)	Ben.Rostron@ualberta.ca
*G. Arturo Sanchez-Azofeifa, PhD (New Hampshire)	Arturo.Sanchez@ualberta.ca
Impacts of land use/cover change (LUCC) on biodiversity loss and habitat fragmentation in tropical dry forest environments	
Remote sensing and geographic information systems	
Rob Shields, PhD	rshields@ualberta.ca
Thomas Stachel, PhD (Wurzburg)	tstachel@ualberta.ca
*Bruce Sutherland, PhD (Toronto)	bruce.sutherland@ualberta.ca
Atmospheric and oceanic dynamics (Sutherland)	
Martyn Unsworth, PhD (Cambridge)	Martyn.Unsworth@ualberta.ca
John W.F. Waldron, PhD (Edinburgh)	jwaldron@ualberta.ca
John-Paul Zonneveld, PhD (Alberta)	zonneveld@ualberta.ca

Associate Professors:

Daniel Alessi, PhD (Notre Dame)	alessi@ualberta.ca
*Damian Collins, PhD (Simon Fraser)	damian.collins@ualberta.ca
Health geography (health promotion, active travel, children's health)	
Political geography (property, public policy)	
Urban geography (housing, transport, land use change, schooling)	
*Jeff Kavanaugh, PhD (British Columbia)	jeff.kavanaugh@ualberta.ca
Environmental change	
Glacier dynamics	
Glacier response to changing climate	
Ice core paleoclimatology	
Mechanics of unconsolidated Materials	
Permafrost and periglacial landscapes	
Subglacial and groundwater hydrology	
Long Li, PhD (Lehigh)	Long4@ualberta.ca
*Alberto Reyes (Alberta)	areyes@ualberta.ca
Greenland Ice Sheet response to Quaternary climate change	
Pleistocene interglaciations	
Quaternary geoscience applications of isotope geochemistry	
Refined interpretation of large compilations of radiocarbon dates	
Kyle Whitfield, PhD (Waterloo)	kwl6@ualberta.ca
Community planning, social planning, issues relevant to older adults, community development and citizen engagement	
Siobhan Alexandra Wilson, PhD	sawilson@ualberta.ca
CRC, Biogeochemistry of Sustainable Mineral Resources	
*Jeff Birchall (Canterbury)	jeff.birchall@ualberta.ca
Local scale climate change impacts	
Local government climate change policy	
Urban/community climate resilience/adaptation	

* Human Geography, Meteorology, Environmental Sciences, and Planning

Assistant Professor:

- *Joshua Evans, PhD (McMaster) jdevans@ualberta.ca
 Disability and Chronic Illness
 Housing and Homelessness
 Urban Policymaking and Governance
 Philosophy and Human Geography
- Monireh Faramarzi, PhD (Swiss Federal Institute of Technology) faramarz@ualberta.ca
 Watershed Science and Modelling
 Development and application of environmental models to study
 fundamental and applied aspects of water quantity and quality
 Hydrology
- Bhatia, Maya Pilar, PhD (MIT, WHOI) mbhatia@ualberta.ca
 Using molecular biogeochemistry to explore the interplay between microbial
 metabolism, the global carbon cycle, and climate.
- Jensen, Britta Josephine Lund, PhD (UAlberta) bjjensen@ualberta.ca
 Quaternary time-scales
 Tephrochronology
- Birchall, Stephen Jeffrey, PhD (U of Canterbury, NZ) jeff.birchall@ualberta.ca
 Coastal community climate resilience
- Lecumberri-Sanchez, Pilar, PhD (Virginia Tech) lecumber@ualberta.ca
 Mineral Deposit Geochemistry
- Steele-MacInnis, Matthew, PhD (Virginia Tech) steelema@ualberta.ca
 Properties and roles of fluids in Earth's interior
- Grise, Emily A, PhD egrise@ualberta.ca
 Transport planning

Faculty Service Officers:

- *Anita Dey Nuttall anita.deynuttall@ualberta.ca
 International relations
 Antarctica and Nordic geopolitics
 Science and policy
- Alison Criscitiello
- S. Andrew DuFrane dufrane@ualberta.ca
- Andrew Locock alocock@ualberta.ca
- *Robert Summers robert.summers@ualberta.ca
 Collective action and cultural institutions and their evolution
 Community development (social capital, sense of place, effectiveness and
 efficiency of local institutions) in both developed and developing world
 applications
 Environmental governance policy (focused on behaviour and institutions)
 Rural water supply issues in Canada and Sub-Saharan Africa
- Richard Stern rstern@ualberta.ca
- Sarah Woodland swoodlan@ualberta.ca

University of Alberta, Augustana Campus

4901– 46 Avenue, Camrose, AB T4V 2R3

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

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

Department Offers

Geography minor, no major

Faculty

Professors:

Email Address:

Glynnis Hood, PhD (Alberta)

ghood@ualberta.ca

Aquatic ecology

Wildlife ecology and management

Human wildlife conflict

Glen Hvenegaard, PhD (Victoria)

glen.hvenegaard@ualberta.ca

Biogeography and conservation of birds

Park interpretation and environmental education

Park and wildlife tourism

Environmental history

Gregory King, PhD (University of Bern)

gking@ualberta.ca

Dendrochronology

Biogeography

Forest disturbance ecology

Urban forests

Adjunct Professor:

Dee Patriquin, PhD (Alberta)

dee.patriquin@ualberta.ca

Environmental policy and governance

Natural resource management

GIS and remote sensing

Scott Heckbert, PhD (University of Melbourne)

sheckber@ualberta.ca

Environmental modelling

Natural resource management

GIS

Environmental monitoring

University of British Columbia
Department of Geography
Room 217 – 1984 West Mall, Vancouver, BC V6T 1Z2
(604) 822-2663 — Fax (604) 822-6150
Email: head@geog.ubc.ca
Website: <http://www.geog.ubc.ca>

Department Offers

BA, BSc, MA, MSc, PhD

Faculty

Emeriti:

Michael J. Bovis, PhD (Colorado)
Michael A. Church, PhD (British Columbia)
Richard E. Copley, MA (UC, Berkeley)
Ken G. Denike, PhD (Pennsylvania)
David W. Edgington, PhD (Monash)
R. Cole Harris, PhD (Wisconsin)
David F. Ley, PhD (Pennsylvania State)
David M. McClung, PhD (Washington)
Terry G. McGee, PhD (Wellington)
Margaret E.A. North, MA (Kansas)
Robert N. North, PhD (British Columbia)
Timothy R. Oke, PhD (McMaster)
Alf H. Siemens, PhD (Wisconsin)
H. Olav Slaymaker, PhD (Cambridge)
Graeme Wynn, PhD (Toronto)

Email Address:

michael.bovis@geog.ubc.ca
michael.church@geog.ubc.ca
richard.copley@geog.ubc.ca
ken.denike@geog.ubc.ca
david.edgington@geog.ubc.ca
cole.harris@geog.ubc.ca
david.ley@geog.ubc.ca
dave.mcclung@geog.ubc.ca
terry.mcgee@geog.ubc.ca
margaret.north@geog.ubc.ca
robert.north@geog.ubc.ca
tim.oke@geog.ubc.ca
alf.siemens@geog.ubc.ca
olav.slaymaker@geog.ubc.ca
graeme.wynn@geog.ubc.ca

Professors:

Karen J. Bakker, PhD (Oxford)
Environmental (water) governance
Political ecology
Digital innovation
Political economy

karen.bakker@geog.ubc.ca

Trevor J. Barnes, PhD (Minnesota)
The Vancouver economy
Dictatorships and universities
Life and works of Bill Bunge
Post-War history of Anglo-American human geography

trevor.barnes@geog.ubc.ca

Simon D. Donner, PhD (Wisconsin)
Climate change adaptation in the developing world
Climate change science
Public engagement

simon.donner@geog.ubc.ca

- Brett C. Eaton, PhD (British Columbia) brett.eaton@geog.ubc.ca
 Alluvial channel dynamics
 Impacts of hydropower on fluvial processes and aquatic habitat
 Long term effects of forest fire on stream channel morphology
 Modeling fluvial systems
- Matthew D. Evenden, PhD (York) matthew.evenden@geog.ubc.ca
 Environmental history and historical geography
 War and environment
 Water and energy history
- James F. Glassman, PhD (Minnesota) jim.glassman@geog.ubc.ca
 Development geography of Pacific Rim Asia
 Geo-political economy of development
 Urbanization and industrialization in developing countries
- Derek J. Gregory, PhD (Cambridge) derek.gregory@geog.ubc.ca
 Air wars, 1914-2020: geographies of bombing
 Geographies of later modern war
 Military-medical geographies of casualty evacuation (combatant and civilian), 1914-2020
 States of exception 1940-2020: spatializations and racializations
- Marwan Hassan, PhD (Jerusalem) marwan.hassan@geog.ubc.ca
 Biophysical interactions in gravel bed streams
 Fluvial transport of sediment
 Scaling relations in watershed geomorphology
 Urban hydrology and urban streams
- Greg H.R. Henry, PhD (Toronto) greg.henry@geog.ubc.ca
 Adaptation potential in Arctic tundra plants to climate change
 Arctic plant-herbivore interactions
 Arctic tundra and treeline ecology
 Causes and consequences of biodiversity change in tundra ecosystems
 Tundra ecosystem responses to disturbance and climate change
- Dan J. Hiebert, PhD (Toronto) dan.hiebert@geog.ubc.ca
 Immigrant settlement in Canadian cities
 Immigration and Canadian labour markets
 International migration
- Brian Klinkenberg, PhD (Western Ontario) brian.klinkenberg@geog.ubc.ca
 Biodiversity Atlases of British Columbia
 Public participation, VGI and conservation
 Spatial analysis and landscape characterization
- Merje Kuus, PhD (Syracuse) merje.kuus@geog.ubc.ca
 Geopolitics and diplomacy
 Transnational policy networks
 Arctic governance
 Contemporary Europe
- Philippe A. Le Billon, PhD (Oxford) philippe.lebillon@geog.ubc.ca
 Conflicts, violence, and resources
 Political ecology
 Political geography

- Ian G. McKendry, PhD (Canterbury) ian.mckendry@geog.ubc.ca
 Aerosol Science
 Air pollution meteorology
 Long range pollutant and dust transport
 Synoptic climatology
- R. Dan Moore, PhD (Canterbury) dan.moore@geog.ubc.ca
 Effects of glacier retreat and vegetation dynamics on catchment hydrology and aquatic habitat
 Hydrologic processes and modelling for headwater and mountain catchments
 Riparian processes and management in forested headwater catchments
 Stream temperature dynamics in headwater and mountain catchments
- Jamie A. Peck, PhD (Manchester) jamie.peck@geog.ubc.ca
 Economic geography
 Economic governance
 Labour geography
 Neoliberalism
 State restructuring
 Urban and regional political economy
- Geraldine J. Pratt¹, PhD (British Columbia) gpratt@geog.ubc.ca
 Feminist geography
 Performance, space and politics
 Precarious labour
 Dementia care
 Migrant workers
- Elvin K. Wyly, PhD (Minnesota) elvin.wyly@geog.ubc.ca
 Gentrification and neighbourhood change
 Housing and neoliberal financialization
 Politics of social surveys, data, and quantitative methods
 Ontologies of social media and Big Data
 Urban policy

Professor of Teaching:

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

Associate Professors:

- Luke R. Bergmann, PhD (Minnesota) luke.bergmann@ubc.ca
 Economic Geography
 Geographical computation
 Nature-society relations
 Spatial theory

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

- Jessica A. Dempsey, PhD (British Columbia) jessica.dempsey@geog.ubc.ca
 Capitalist natures
 Environmental politics
 Green finance
 Political ecologies of biodiversity conservation
- Naomi Klein [TBD \(starting September 2021\)](#)
 Climate justice
 Disaster capitalism
 Surveillance capitalism
 Neoliberal history
- Michèle N. Koppes, PhD (Washington) michele.koppes@geog.ubc.ca
 Glacial geomorphology
 Glaciology
 Ice-ocean interactions
 Paleoclimate reconstructions
 Quaternary geomorphology
- Avi D. Lewis, BA (Toronto) ad.lewis@ubc.ca
 Systemic climate solutions: visioning a global Green New Deal
 Storytelling, social movements and radical futurisms
 Engaged Documentary Filmmaking
- Juanita R. Sundberg, PhD (Texas) juanita.sundberg@geog.ubc.ca
 Critical race theory and anti-racist environmentalism
 Environmental dimensions of border enforcement on the US-Mexico border
 Feminist geography
 Nature, race, and nation-building in Latin America
- Jennifer L. Williams, PhD (Montana) jennifer.williams@geog.ubc.ca
 Climate change and plant population dynamics
 Influence of climate on plant life history strategies
 Population spread through patchy landscapes

Associate Professors of Teaching:

- Loch T. Brown, PhD (Sussex) loch.brown@geog.ubc.ca
 Environment, sustainability, and development
 Higher education, flexible learning, pedagogy
 Political ecology, political economy, and natures
- Siobhán R. McPhee, PhD (Dublin) siobhan.mcphee@geog.ubc.ca
 Worker mobility/migration and precarious work
 Impact of precarious work on experience of place through digital storytelling
 Internationalisation of pedagogy and blended learning

Assistant Professors:

- Mohammed Rafi Arefin, PhD (Wisconsin) marefi01@mail.ubc.ca
 Urbanization and Urban Infrastructure
 Environmental Justice and Urban Inequality
 Waste, Waste Management, and Sanitation
 Urban Political Ecology

Sara H. Knox, PhD (Berkeley)	sara.knox@ubc.ca
Micrometeorology	
Biosphere-atmosphere trace gas fluxes	
Carbon cycle science	
Ecosystem ecology	
Priti Narayan, PhD (Rutgers)	pnaray02@mail.ubc.ca
Global urbanisms	
Urban inequality and belonging	
Social movements	
Activist scholarship	
Naomi B. Schwartz, PhD (Columbia)	naomi.schwartz@ubc.ca
Remote sensing of disturbance and land use change	
Global change impacts in tropical forests	
Reforestation and natural regeneration in tropical forest landscapes	

Assistant Professor of Teaching:

Nina Hewitt, PhD (York)	nina.hewitt@ubc.ca
Ecosystem fragmentation	
Altered disturbance regimes	
Biological invasions and climate change	

Acting Assistant Professor:

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

Associate Members:

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

Adjunct Professors:

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

Affiliates:

David Clements

Post-Doctoral Fellows:

Dimitar Anguelov, Flavien Beaud, Rosanna Carver, Juliane Collard, Sung-Ching Lee, Harmony Martell, Jennifer Mateer, Zoe Panchen, Elli Papangelakis, Ben Peltó, Kevin Pierce, Kabir Rasouli, Matteo Saletti, Paroma Wagle

University of British Columbia, Okanagan Campus

Geography Program

3333 University Way, Kelowna, BC V1V 1V7

(250) 807-9337 — Fax (250) 807-8001

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

Department Offers

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

Faculty¹

Professor Emeritus:

Email Address:

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

Fes de Scally, PhD (Waterloo)

fes.descally@ubc.ca

Depositional processes and related hazards on high mountain fans

Tropical cyclone and tsunami hazards in the Cook Islands

Disaster risk reduction

Sediment loading of debris flow channels by snow avalanches

Professors:

Bernard Bauer, PhD (Johns Hopkins)

bernard.bauer@ubc.ca

Process geomorphology (coastal, aeolian, and fluvial)

Physical geography

Hydrology

Lawrence D. Berg, DPhil (Waikato)

lawrence.berg@ubc.ca

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

Neoliberalism and geographies of knowledge production

Social, spatial, and economic justice

Jon Corbett, PhD (Victoria)

jon.corbett@ubc.ca

Cartography and society

Community based resource management

¹ Faculty information as of September 1, 2021

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

Associate Professors:

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

Assistant Professors:

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

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

Associate Professor of Teaching:

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

Lecturers:

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

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

Department Offers:

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

Faculty

Professors Emeritus:

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

Email Address:

draper@ucalgary.ca
coulson@ucalgary.ca
wdavies@ucalgary.ca
mgiovine@ucalgary.ca
gonzalez@ucalgary.ca
harriss@ucalgary.ca
herrem@ucalgary.ca
not on file
nkemdiri@ucalgary.ca
rosenval@ucalgary.ca
nwaters@ucalgary.ca

Professors:

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

Public engagement	
Science and technology studies	
Climate change	
Genomic applications	
Posthumanism	
Geoffrey Hay, PhD (Montréal)	gjhay@ucalgary.ca
GEOBIA: Geographic Object Based Image Analysis	
GeoWeb technologies	
High-resolution thermal infrared imaging	
Multiscale urban heat islands	
Remote sensing and geoinformatics: Urban remote sensing	
Chris Hugenholtz (Calgary)	chhughenh@ucalgary.ca
Earth Science	
Climate change	
Shawn Marshall, PhD (British Columbia)	marshals@ucalgary.ca
Climate change	
Climatology	
Glaciology	
Paleoclimate	
Arctic and mountain regions	
Yvonne Martin, PhD (British Columbia)	ymartin@ucalgary.ca
Biogeoscience	
Drainage basin development	
Fluvial geomorphology	
Hillslope geomorphology	
Geomorphology/ecology/hydrology interactions	
Carbon storage along rivers	
Landscape/terrain structure and analysis	
Numerical modeling	
Sediment transport processes	
Greg McDermid, PhD (Waterloo)	mcdermid@ucalgary.ca
Remote sensing	
Geospatial analysis	
Environmental monitoring	
Forest restoration	
Wildlife habitat assessment	
Byron Miller, PhD (Minnesota)	bavrmill@ucalgary.ca
Politics of urban sustainability	
Spatialities of social movement mobilization	
Social and environmental implications of smart cities	
Neighbourhood change and polarization	
Brian Moorman, PhD (Carleton)	moorman@ucalgary.ca
Environmental geophysics	
Glacial hydrology	
Permafrost	
Remote sensing	
Marit Rosol, PhD (Humboldt-Universität zu Berlin)	marit.rosol@ucalgary.ca
Urban geography	
Economic geography	
Critical food studies	
Housing	
Urban gardening	

Participation
Governance
Governmentality
Political economy
(Urban) political ecology
Hegemony

John Yackel, PhD (Manitoba)

yackel@ucalgary.ca

Arctic sea ice
Microwave remote sensing of sea ice
Polarimetric synthetic aperture radar
Snow cover processes on sea ice

Associate Professors:

Conny Davidsen, PhD (Dresden)

davidsen@ucalgary.ca

Community based forest management & local control
Conservation policy processes in Latin America
Forest and environmental governance in Western Canada

Brent Else, PhD (Manitoba)

belse@ucalgary.ca

Air-sea gas exchange
Arctic Ocean biogeochemistry
Sea ice energy balance

Victoria Fast, PhD (Ryerson)

victoria.fast@ucalgary.ca

Urban GIS
Spatial accessibility
Volunteered geographic information systems
Smart cities
Social justice

Andrea Freeman, PhD (Arizona) current DHead

freeman@ucalgary.ca

Desert stream processes
Geoarchaeology
Geomorphology
Hunter-gatherers late Quaternary climate changes
Late Pleistocene-early Holocene archaeology
Paleoindian and Archaic archaeology
Radiocarbon dating
Stratigraphy

Wil Holden, PhD (Calgary)

wnholden@ucalgary.ca

The Philippines
The meteorological hazards of anthropogenic climate change
The efficacy of mining as a development strategy
Insurgency/counterinsurgency
State terrorism
The roles played by liberation theology and Maoism as counter hegemonic discourses in the twenty-first century

Dan Jacobson, PhD (Belfast)

dan.jacobson@ucalgary.ca

Blindness: Disability
Cartography
Geospatial science
Human computer interaction
Spatial cognition
Geospatial humanities

Darren Sjogren, PhD (Alberta) Natural Hazards Pedagogy in international field settings	sjogren@ucalgary.ca
Tricia Stadnyk, PhD, P.Eng. (Waterloo) Hydrology and climate change Watershed modelling Isotope geochemistry	tricia.stadnyk@ucalgary.ca
Eliot Tretter, PhD (John Hopkins) Knowledge economy Urban political economy Digitization and Natural Resources	etretter@ucalgary.ca

Assistant Professors:

Ryan Burns, PhD (Washington) Urban Geography GIScience Critical social sheory Digital humanitarianism Urban GIS Political economy of technology Digital research methods	ryan.burns1@ucalgary.ca
Chui-Ling Tam, PhD (Waterloo) Canadian arctic Development communication Environmental and resource management Marine areas Oil Economy Participation Social innovation	cltam@ucalgary.ca

Senior Instructor:

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

Adjuncts:

Denise Fay Brown, PhD (California)	dfbrown@ucalgary.ca
Guillermo Castilla, PhD (Madrid)	gcastill@ucalgary.ca
Simon Evans, PhD (Calgary)	evanss@ucalgary.ca
Torsten Geldsetzer, PhD (	geldsetz@ucalgary.ca
Mike Gibeau, PhD (Calgary)	mike.gibeau@ucalgary.ca
Miriam Grant, PhD (Queen's)	grant@ucalgary.ca
Jahan Kariyeva, PhD (Arizona)	kariyeva@ualberta.ca
Scott Ketcheson	not on file
Barb McNicol, PhD (Calgary)	bmcnicol@mtroyal.ca
Lynn Moorman, PhD (British Columbia)	lmoorman@ucalgary.ca
Tariq Munir, PhD (Calgary)	tmmunir@ucalgary.ca
Mina Nasr	mina.nasr1@ucalgary.ca
Roland Ngom	roland.ngom@albertahealthservices.ca
Kathy Rettie, (St. Andrews)	kmrettie@gmail.com
Rizwan Shahid, PhD (Calgary)	rizwan.shahid1@ucalgary.ca
Maria Stack, PhD (Hamilton)	mstrack@ucalgary.ca

University of the Fraser Valley
School of Land Use and Environmental Change
33844 King Road, Abbotsford, BC V2S 7M8
(604) 504-7441 ext. 4568
Website: <http://www.ufv.ca/sluec>

Department Offers

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

Faculty

Emeritus Faculty:

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

Email Address:

john.belec@ufv.ca

Trevor Carolan, PhD (Bond)
Bioregional studies
Cascadia
Geopoetics

trevor.carolan@ufv.ca

David Gibson, MA (UC Davis)
Cultural geography
Mexico

david.gibson@ufv.ca

Faculty:

Carolyn Atkins, MSc (Saskatchewan)
Physical geography
Geomorphology

carolyn.atkins@ufv.ca

Cherie Enns, RPP, PhD (Tanzania)
Tactical urbanism
Urban planning policy
Climate change
Pandemic planning
Refugee settlement and development policy
Children and the city
History of planning

cherie.enns@ufv.ca

Jonathan Hughes, PhD (Simon Fraser)	jonathan.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	
Mariano Mapili, PhD (UBC)	mariano.mapili@ufv.ca
Agricultural biogeography and conservation	
Geographic Information Systems	
Biological remediation of contaminated environments	
Agricultural waste management	
Steven Marsh, MSc (Regina)	steven.marsh@ufv.ca
Climate Change	
Water quality	
Environmental studies	
Lenore Newman ¹ , PhD (York)	lenore.newman@ufv.ca
Agricultural land use	
Agricultural technology	
Global food systems	
Kathy Peet, BSc (UNBC)	kathy.peet@ufv.ca
Physical geography	
Stefania Pizzirani, PhD (Massey)	Stefania.pizzirani@ufv.ca
Environmental resource management	
Community forestry	
Indigenous research	
Life cycle sustainability assessment	
Afia Raja, PhD (Texas A&M)	afia.raja@ufv.ca
Urban planning	
Geographic information systems	
Sustainable transportation	
Michelle Rhodes, PhD (Simon Fraser)	michelle.rhodes@ufv.ca
Resource and economic geography	
Geopolitics	
Environmental studies	
Community forestry	
Scott Shupe, PhD (Arizona)	scott.shupe@ufv.ca
Geographic information science	

¹ Tier II Canada Research Chair

Remote sensing
Land use/land cover mapping and monitoring
Natural resources
Arid lands

Limited Term Faculty:

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

Adjunct Faculty:

Alex Awiti, PhD (Nairobi)	alex.awiti@aku.edu
Ecosystem ecology	
Tatu Mtqangi Limbumba, PhD (KTH, Stockholm)	tatu@aru.ac.tz
Built environments	
Infrastructure planning	
Lionel Pandolfo, PhD (Yale)	lionel.pandolfo@ufv.ca
Synoptic climatology	
Climate variability	
Climate modeling	
Bernhard Puecker-Ehrenbrink, PhD (Max Planck)	bpeucker@whoi.edu
Global rivers	
Geochemistry	
Dan Selbie, PhD (Queen's)	daniel.Selbie@dfo-mpo.gc.ca
Fisheries and aquatic ecology	
Paleolimnology	

Associate Members:

Alan Reid, PhD (British Columbia)	alan.reid@ufv.ca
Biosystematics	
Plant anatomy	
Community engagement	
Ethnobotany	

School Assistant:

Amy Huesken, BA (UFV)	amy.huesken@ufv.ca
-----------------------	--------------------

University of Guelph

Department of Geography, Environment & Geomatics
Guelph, ON N1G 2W1

(519) 824-4120, ext. 56719 — Fax (519) 837-2940

Email: chart@uoguelph.ca

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

Department Offers

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

Faculty

Professors Emeriti:

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

Email Address:

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

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

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

- John Smithers, PhD (Guelph) jsmithers@uoguelph.ca
 Rural landscapes and amenity development
 Local food supply chains
 Agricultural adaption
- Wanhong Yang, PhD¹ (Illinois) wayang@uoguelph.ca
 Integrated economic-hydrologic-GIS modeling
 for evaluating cost effectiveness of agricultural conservation programs

Associate Professors:

- Ben Bradshaw, PhD (Guelph) bbradsha@uoguelph.ca
 Environmental Governance
- Jaclyn Cockburn, PhD (Queen's) jaclyn.cockburn@uoguelph.ca
 Impacts of climate and environmental variability on surface processes
 Sedimentary processes in freshwater systems
 Impacts of extreme events on sediment yield and sediment budgets
- Ze'ev Gedalof, PhD (Washington) zgedalof@uoguelph.ca
 Rates and mechanism of treeline advance in the Canadian Cordillera
 Fire ecology of mixed-severity fire regimes
 Tree-rings and climate
- Philip A. Loring, PhD (University of Alaska) phil.loring@uoguelph.ca
 Sustainability
 Human ecology
 Food systems
 Fisheries and coastal communities
- Faisal Moola, PhD (Dalhousie) fmoola@uoguelph.ca
 Forest conservation and management
 Ecology and ethnoecology of heathlands
 Environmental policy
 Indigenous-led conservation
- Noella Gray, PhD (Duke) grayn@uoguelph.ca
 Political ecology
 Marine conservation
 Science-policy interface
 Tourism
 Global conservation governance
 Belize and Oceania
- Roberta Hawkins, PhD (Clark) 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

¹ Chair

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

Assistant Professors:

Ben DeVries, PhD (Wageningen)	bdv@uoguelph.ca
Remote sensing of ecosystem change	
Disaster mapping, risk and response	
Eric Nost, PhD (Wisconsin-Madison)	enost@uoguelph.ca
Political ecology	
Digital governance	
Webmapping and GIS	
Conservation and environmental policy, markets, and justice	

University of Lethbridge

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

Department Offers

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

Faculty

Professors Emeriti:

Walter E. Aufrecht, PhD (Toronto)
Ian R. MacLachlan, PhD (Toronto)
Robert Rogerson, PhD (Macquarie)
Karl Staenz, PhD (Switzerland)

Email Address:

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

Professors:

René W. Barendregt, PhD (Queen's)

barendregt@uleth.ca

Late Cenozoic paleoenvironments and climate change:

a western hemisphere comparison of continental, cordilleran, and local montane and upland glacial/interglacial records (North and South America)

Late Cenozoic magnetostratigraphy and proxy records of climate change

obtained from glacial/interglacial sequences in North and South America, Europe, and Africa

Late Cenozoic magnetostratigraphy of gold and diamond-bearing gravels:

reconstruction of river terrace chronosequences, paleoflow, and sediment provenance.

Late Cenozoic climate change and tectonics (Bolivia and Argentina and Chile).

Time Averaged Paleo-secular variation of earth's magnetic field during the past 5.0 Ma obtained from basalts occurring between 50 to 65° north & south latitude.

Miocene and Pliocene magneto- and bio-stratigraphy, paleopedology, and erosional cycles (Argentina, western Canada).

Remote sensing and mapping of Quaternary surficial geology and soils.

Geoarchaeology: Cromerian deposits and first peopling in East Anglia.

Historical Geology: Mapping Hannibal's invasion route into Italy. Nature of Mt. Nass, B.C. volcanic eruptions during recent historic times.

- Shawn Bubel, PhD (KU Leuven) bubest@uleth.ca
 Flora and faunaturbation on the archaeological record
 Geoarchaeology and experimental archaeology
 Prehistoric archaeology of the Old and New World
- James M. Byrne, PhD (Alberta) byrne@uleth.ca
 Cause and effect associations in the occurrence of waterborne pathogens
 Changes in water supply resulting from climate change
- Craig Coburn¹ PhD (Simon Fraser) craig.coburn@uleth.ca
 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
 CAIP Research Chair in Terrestrial Ecosystems Remote Sensing
 Lidar technology and applications
 Water resources
 Mountain hydrology
 Forest resources
- Hester Jiskoot, PhD (Leeds) hester.jiskoot@uleth.ca
 Glacier inventory compilation and analysis
 Ice flow dynamics and glacier surging
 Snowpack trends in the Canadian Rockies
 Statistical and numerical ice sheet and glacier system analysis
 Rockslides on glaciers
 Tributary-trunk interactions and dynamic ice flow restrictions
- Daniel Johnson, PhD (UBC) dan.johnson@uleth.ca
 Biodiversity
 Ecology of semi-arid ecosystems
 Grassland insects
 Invasive species
 Potato psyllid and zebra chip monitoring
 Sustainable agriculture
 Ecological modelling and data analysis
- Stefan Kienzle PhD (Heidelberg) stefan.kienzle@uleth.ca
 Simulating climate change impacts on water resources
 Mapping climate change
 Conservation GIS in wildlife reserve management
 Spatial modelling
 South Africa
- Matthew Letts, PhD (London) matthew.letts@uleth.ca
 Climate Change and mountain hydrology
 Changes in water supply resulting from climate change
 Ecology of semi-arid ecosystems
 Human adaptation to climate change
 Local capacity to manage water

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

Modelling the spatial distribution of snow pack in montane regions

Eco physiology

Plant stress ecology

Microclimatology

Latin America

Environmental change, mountain terrain analysis, water studies

Fluxnet-Canada – carbon cycling, PRI

Kevin McGeough, PhD (Penn)

mcgekm@uleth.ca

Historical Geography

Language and cultures of Near Eastern and Classical regions

Syro-Palestinian archaeology

Derek R. Peddle, PhD (Waterloo)

derek.peddle@uleth.ca

Director – Alberta Terrestrial Imaging Centre (ATIC)

Remote sensing, GIS, mapping

Forestry, agriculture, mountains, water

Spatial modelling and computational methods

Ivan Townshend, PhD (Calgary)

towni0@uleth.ca

Community social and economic impact of TSE's

Community structures and the self-employment change in the Canadian and

British urban systems

Employment structure of First Nations communities

Gated communities and the privatization of urban space

Geography of the voluntary sector housing initiatives

Income segregation

Population health and urban ecology of well-being

Urban and rural community differences

Wei Xu, PhD (Guelph)

wei.xu@uleth.ca

Changing dynamics of land-use and economic restructuring in rural China

Rural vulnerability to drought in Western Canada and China

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

Expertise in northern ecosystems, remote sensing, hydro-meteorology, climate

Change

Maura Hanrahan, PhD (London)

maura.hanrahan@uleth.ca

University of Lethbridge Board of Governors Research Chair Tier II

Historical geography of the Arctic

Indigenous and rural water security

Drinking water policy

Inuit political geography

Newfoundland Mi'Kmaq political geography

Thomas R. Johnston, PhD (Waterloo) johnston@uleth.ca
 Adoption of drought-proofing measures by farmers and ranchers
 Rural land use planning and policy evaluation
 Human dimensions of environmental change

Assistant Professors:

Julie Young, PhD (York) julie.young@uleth.ca
 Canada Research Chair in Critical Border Studies
 Political geography
 Critical border studies
 Refugee and migration policy, practice, and advocacy
 North and Central America

Instructors:

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

Adjunct Faculty:

Cárcamo, Héctor, PhD (U of C) hector.carcamo@canada.ca
 Soil Ecology/Agricultural Entomology
 Collingwood, Adam, PhD (Queen's) adam.collingwood@canada.ca
 Remote Sensing
 Wayne Davies, PhD (Wales) wdavies@ucalgary.ca
 Urban Geography
 Methods
 Exploration Geography
 Philosophy of Geography
 Scott Heckbert, PhD (Melbourne) scott.heckbert@aer.ca
 Environmental Science, student training and community engagement
 Tom Jensen, PhD (U of A)
 Research, extension, and farm-level consulting experience in crops and soils.
 Larry Kawchuk, PhD (UBC) lawrence.kawchukl@canada.ca
 Plant Science/Botany
 Roland Kroebel, PhD (Hohenheim) roland.kroebel@canada.ca
 Ecology Modelling
 Ryan MacDonald, PhD (Lethbridge) ryan.macdonald@machydro.ca
 Env/Sci/Hydrology
 Ross McKenzie, PhD (Saskatchewan) rossmckenzie@shaw.ca
 Soils and Irrigated Agriculture
 Trevor Peck, PhD (Calgary) trevor.peck@gov.ab.ca
 Archeology
 Heinz Pyszczyk, PhD (Manitoba) heinz.pyszczyk@gov.ab.ca
 Archeology
 Anne Smith, PhD (Strathclyde) anne.smith@agr.gc.ca
 Remote Sensing

University of Manitoba

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

(204) 474-9667 • Fax (204) 474-7699

Email: Environment_Geography@umanitoba.ca

Website:

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

Department Offers

MA, MSc, PhD

Faculty

Professors:

Email Address:

Mark Hanson*¹, PhD (Guelph)

Mark.Hanson@umanitoba.ca

Ecotoxicology

Freshwater ecosystems

David Barber, PhD (Waterloo)

David.Barber@umanitoba.ca

Causes of change in both dynamic and

thermodynamic processes of sea ice due to climate forcing

Consequences of the above changes on marine and human systems

Techniques required to improve our ability to assess

Arctic climate change

Richard Baydack, PhD (Colorado State)

Rick.Baydack@umanitoba.ca

Biogeography

Conservation of biological diversity

Ecosystem management

Sustainable agriculture

Sustainable water management

Wildlife and fisheries habitat

Michael Campbell, PhD (Washington)

Michael.Campbell@umanitoba.ca

Sustainable nature-based tourism

Recreation ecology

Human dimensions of wildlife management

Community tourism and development

Parks and protected areas planning and management

Dorthe Dahl-Jensen¹, PhD (Denmark)

Dorthe.Dahl-Jensen@umanitoba.ca

Climate change

Arctic ice

Sea levels

¹ Department Head

*Not Geographers

- | | |
|---|---------------------------------|
| 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 | |
| Jill Oakes, PhD (Manitoba) | Jill.Oakes@umanitoba.ca |
| Alaskan coastal cultures | |
| Aviation, Cycling, and the environment | |
| Hudson's Bay Company families at York Factory 1900-1930 | |
| Indigenous peoples and environmental change | |
| Island human and bio-geography | |
| Tim Papakyriakou, PhD (Waterloo) | Tim.Papakyriakou@umanitoba.ca |
| Microclimatology | |
| Carbon cycle of high latitude aquatic and marine systems with an emphasis on
GHG source/sink characteristics | |
| Ronald Stewart, PhD (Toronto) | Ronald.Stewart@umanitoba.ca |
| Climate change and mountainous regions | |
| Extreme events including storms and drought | |
| Winter precipitation | |
| Julienne Stroeve ¹ , PhD (Colorado) | Julienne.Stroeve@umanitoba.ca |
| Climate Forcing of Sea Ice | |
| Feiyue Wang ^{*2} , PhD (Peking) | Feiyue.Wang@umanitoba.ca |
| Environmental chemistry | |
| Sea ice geochemistry | |
| Biogeochemistry | |
| Chemical oceanography | |

Associate Professors:

- | | |
|---|--------------------------|
| Mary Benbow, PhD (Liverpool) | Mary.Benbow@umanitoba.ca |
| Critical cartography and human-nature relationships
(applied to historical and contemporary zoo maps) | |
| Examination of messages concerning climate change in zoos (specifically in
Arctic themed exhibits) and the use of overheard conversation techniques to
monitor visitor response | |

² Canada Research Chair (Tier 1)

*Not Geographers

Photographs at the zoo: Meanings, intentions, and doings
Social, cultural and environmental implications of zoos and aquariums;
part of a broader field "Animal geographies"

Bonnie Hallman, PhD (Guelph) Bonnie.Hallman@umanitoba.ca

Illness/mobility loss and the experience of environment
Family geographies and leisure environments
Therapeutic landscapes
Zoos as social/cultural spaces

Jens Ehn, PhD (Manitoba) Jens.Ehn@umanitoba.ca

Light propagation and light-matter interactions in Arctic estuarine, marine and sea ice environments.
Processes and feedbacks controlling air-ice-ocean interactions, sea ice formation and melting.
Seasonal evolution, trends and variability of sea ice covered environments.
Freshwater-marine interactions in Arctic and sub-Arctic coastal and shelf waters.

C. J. Mundy, PhD (Manitoba) CJ.Mundy@umanitoba.ca

Physical and biological processes controlling timing of primary production in ice-covered seas
Sea ice and marine bio-optics

Jonathan Peyton, PhD (British Columbia) Jonathan.Peyton@umanitoba.ca

Environmental and social geographies of subarctic North America
Megaprojects
Energy politics and policy
Mining
Resource conflict
Environmental history/historical geography
Political ecology
Nature and culture in Canada
Politics of environmental assessment.

Julienne Stroeve, PhD (Colorado) Canada 150 Chair julienne.stroeve@umanitoba.ca

Arctic sea ice
Climate model forecasts
Extreme events

Assistant Professor:

Bruce Erickson, PhD (York) Bruce.Erickson@umanitoba.ca

The relationship between neoliberalism, climate change and ecotourism in Northern Canada
Race, Tourism and Nature
The Anthropocene, Race and Contemporary Environmentalism
Critical perspectives on canoeing in Canada

Eric Collins, PhD (Waterloo) Eric.Collins@umanitoba.ca

Microorganisms in the cryosphere
Metabarcoding
Genomics
Transcriptomics

- Nicole J. Wilson, PhD (U British Columbia)³ Nicole.J.Wilson@umanitoba.ca
 Climate justice adaptation and transformation
 Water governance and policy
 Water security
 Indigenous governance and politics
 Community-Based Research
- Juliana M. Marson, PhD (Brazil) Juliana.MariniMarson@umanitoba.ca
 Polar physical oceanography
 Land ice-ocean interactions
 Role of freshwater in the polar oceans
 Icebergs
 Ocean and iceberg numerical modelling
- Karen Alley, Ph.D. (Colorado) karen.alley@umanitoba.ca
 Remote sensing of glaciers and ice sheets
 Ice shelf and ice sheet dynamics
 Glacier-ocean interaction
- David Walker, PhD (Manitoba) David.Walker@umanitoba.ca
 Data integration and spatial modelling
 Ecosystem dynamics and human and wildlife interactions with landscapes
 International conservation research
 Invasive species and biological conservation
 Landscape diversity and fragmentation
 Quantitative terrestrial ecology & biogeography specializing in landscape systems

Instructors:

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

³ Canada Research Chair (Tier 2)

Senior Scholars:

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

Distinguished Professor Emeritus:

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	

University of Northern British Columbia

Department of Geography, Earth and Environmental Sciences

3333 University Way, Prince George, BC V2N 4Z9

Phone 250.960.5832 — Fax 250.960.6533

Email: geography@unbc.ca

environmental.science@unbc.ca

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

Department Offers

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

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

MA & MSc (Interdisciplinary Studies)

Faculty

Professors:

Email Address:

Stephen Déry, PhD (McGill)

stephen.dery@unbc.ca

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

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

Study the water balance in the Quesnel River basin

Gail Fondahl¹, PhD (UC Berkeley)

gail.fondahl@unbc.ca

Arctic social indicators

Human development in the Arctic/Subarctic

Legal geographies of indigenous rights (especially Russian North)

Sustainable development in the Arctic/Subarctic

Greg Halseth, CRC, PhD (Queen's)

greg.halseth@unbc.ca

Community development /community economic development

Restructuring in resource dependent towns

Rural and regional development

Neil Hanlon, PhD (Queen's)

neil.hanlon@unbc.ca

Community adaptation to population aging

Health service delivery in rural and remote locations

Voluntarism and community development

Peter Jackson, PhD (UBC)

peter.jackson@unbc.ca

Air pollution modelling and measurement

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

Interaction of atmosphere with complex terrain

¹ Acting Chair (faculty information as of August 1, 2021)

- Brian Menounos, CRC, PhD (UBC) brian.menounos@unbc.ca
 Paleo-environmental reconstruction
 Past and present glacier fluctuations
 Sediment budgeting and sediment transport in mountain environments
- Catherine Nolin, PhD (Queen's) catherine.nolin@unbc.ca
 'Development', impunity, and political violence in Guatemala
 Memory, trauma, and testimony in Guatemala and Peru
 Qualitative methods
 Social geography of forced migration and refugee movements
 Social impacts of Canadian mining in Guatemala and Peru
- Philip Owens, PhD (Exeter) philip.owens@unbc.ca
 Fine sediment dynamics and sources in watersheds
 Mining impacts on aquatic systems
 Sediment-associated contaminants and nutrients
 Sediment tracing and fingerprinting
 Watershed responses to wildfires
- Ellen Petticrew, PhD (McGill) ellen.petticrew@unbc.ca
 Biogeomorphology
 Fine sediment transfers and storage in freshwaters
 Lake restoration and community stewardship
 Landscape disturbances and linkages between terrestrial and aquatic systems
 Mining impacts on aquatic systems
 Sediment flocculation processes
- Michael Rutherford, PhD (Alberta) mike.rutherford@unbc.ca
 Biogeochemical cycling in soils and wastes
 Reclamation and remediation of disturbed environments
 Utilization of waste materials for environmental benefit
- Youmin Tang, PhD (UBC) youmin.tang@unbc.ca
 Determine confidence intervals of seasonal climate predictions
 Prediction of seasonal climate using sophisticated numerical models and mathematical tools
- Roger Wheate, PhD (St. Andrews) roger.wheate@unbc.ca
 Glacier inventory and change using remote sensing
 Mountain cartography incorporating remote sensing and GIS processing
 Topographic mapping design and history

Associate Professors:

- Zoë Meletis, PhD (Duke) zoe.meletis@unbc.ca
 Community-environment relations (e.g. re conservation; climate change)
 Feminist research, service, and mentoring
 Pedagogy and empathy
 Perceptions of environment (e.g. wildlife & domesticated animals; fishing)
 Tourism, ecotourism, and sea turtle tourism
- 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:

Siraj ul Islam, PhD (UNBC) sirajul.islam@unbc.ca
Climate change impact assessments on snow hydrology
Dynamic Land-use modeling
Hydro-climate modeling and predictions
Hydrological data assimilation

Limited Term Instructors:

Faran Ali, PhD (Saskatchewan) faran.ali@unbc.ca
Construction of sediment budgets for large drainage basins
Implications of climate and land use change on watershed hydrology
Spatially distributed water erosion modelling
Shiva Mohan, PhD (Wilfrid Laurier) shiva.mohan@unbc.ca
Island Geography and the Caribbean
Political geographies of migration and migration governance
Venezuelan forced migration

Senior Lab Instructors:

Ping Bai, BSc (Beijing), MSc (Windsor) ping.bai@unbc.ca
Christine Jackson, BSc (UBC), BEd (Western Ontario) chris.jackson@unbc.ca
Matt McLean, BSc (UNBC) matt.mclean@unbc.ca
Teal Randle, BSc (UNBC) teal.randle@unbc.ca

Adjunct Faculty:

Samuel Albers, Matthew Beedle, Bill Floyd, Nikolaus Gantner, Sarah de Leeuw, Sean Markey, Marleen Morris, Tristan Pearce, John Rex, Grahame Russell, Corinne Schiller, Ronald Stewart, and Jean Wang

Associated Faculty:

Margot Parkes

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

Programmes d'études / Department Offers

BA, BSc, MA, MSc, PhD

Corps professoral / Faculty

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

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

Professeurs titulaires / Full Professors:

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

- Access to healthcare
 Konrad Gajewski, PhD (Wisconsin) gajewski@uottawa.ca
 Postglacial paleoenvironments of the Canadian Arctic Archipelago
 Analysis and modelling of climate change impacts on the Canadian boreal forest
 High-resolution vegetation and climate history of the Ottawa-Gatineau region
 Human impacts on the North American ecosystem over the past 12000 years
 Regional and global scale paleoclimate reconstruction of the past 2000
 and past 20000 years
- Denis Lacelle, PhD (Ottawa) dlacelle@uottawa.ca
 Investigation of near-surface permafrost disturbances on water quality under
 changing climate near Fort McPherson, NWT, Canada
 Origin, stability and habitability of ancient ground ice and permafrost
 Organically-bound tritium and Cesium-137 as tracer of cryoturbation in periglacial
 environment
 Ice dynamics of perennially covered lakes in the Dry Valleys of Antarctica
 Co-isotopic signatures of evolving ground ice in the cold dry environments of
 Earth and Mars
 Polar environments as planetary analogues
 Development of field-deployable instruments for continuous high-frequency
 analysis in remote locations
- Antoni Lewkowicz, PhD (Ottawa) alewkwowi@uottawa.ca
 Glaces souterraines dans le nord du Yukon
 Karst du nord-ouest canadien (Bear Cave, Lime Peaks) et de la vallée du Saint-
 Laurent
- Marc Saner¹, PhD (Basel, Switzerland) msaner@uottawa.ca
 Environmental ethics and justice
 Governance and risk management
 Science-policy interface
- Michael Sawada, PhD (Ottawa) msawada@uottawa.ca
 Health GIS applications (contextual factors)
 Improving paleoclimate reconstructions for the past 21,000 ka in North America
 Spatial analytical application development in GIS
 Spatial controls and mechanisms of late Quaternary rapid plant migrations
- André Viau, PhD (Ottawa) aviau@uottawa.ca
 Contemporary and past climate research at local to global scales during the past
 21,000 years. Current focus on paleotempestology in the North Atlantic basin
 during the Holocene. Big data analysis using climate proxies.

Professeurs agrégés / Associate Professors:

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

¹ Department Chair

- | | |
|---|------------------------------|
| Jackie Dawson, PhD (Waterloo) | jackie.dawson@uottawa.ca |
| Climate change | |
| Arctic marine governance | |
| Arctic shipping and tourism | |
| Economic Development in the Arctic | |
| Anders Knudby, PhD (Waterloo) | aknudby@uottawa.ca |
| Téledétection d'eaux peu profondes | |
| L'environnement mondial | |
| Modélisation de transfert radiatif | |
| Déterminants environnementaux de la santé | |
| Brenda MacDougall, PhD (Saskatchewan) | brenda.macdougall@uottawa.ca |
| Metis history and culture | |
| Landscape and memory | |
| Social networking and genealogy research | |
| Historical processes of identity formation by Aboriginal people (Metis and/or First Nations) | |
| Processes of identity formation and reformation as a result of state mandated enfranchisement whether of a community or individuals | |
| Brian Ray, PhD (Queens) | bray@uottawa.ca |
| Gender relations and the use/meaning of urban space | |
| Housing and homeownership | |
| Social and economic integration of immigrants in cities | |
| Social networks, diversity and inclusion | |
| Sexuality, borders and citizenship | |
| Luisa Veronis, PhD (Toronto) | lveronis@uottawa.ca |
| Environmental change and migration | |
| Immigration, settlement, and resilience in Canadian cities | |
| Francophone immigration in minority contexts | |
| Ethnic/multicultural/diaspora media and social media use among immigrants and refugees | |
| Sonia Wesche, PhD (Wilfrid Laurier) | swesche@uottawa.ca |
| Human dimensions of environmental change, community-engaged research, food security, water security, Indigenous health and well-being, Canada's North, Arctic | |

Professeurs auxiliaires / Adjunct Professors:

- | | |
|---------------------------------|-----------------------------|
| Michael Bordt | mbordt@gmail.com |
| David Burgess, PhD (Alberta) | david.burgess@nrcan.gc.ca |
| Laurence Gray, PhD (Calgary) | gray@nrcan.gc.ca |
| Saeid Homayouni, PhD | saeid.homayouni@ete.inrs.ca |
| Stephen Howell, PhD | stephen.howell@ec.gc.ca |
| Robert McLeman, PhD (Guelph) | rmcleman@wlu.ca |
| Elena Ponomarenko, PhD (Moscou) | eponoma3@uottawa.ca |
| Sharon Smith, PhD (Carleton) | ssmith@nrcan.gc.ca |
| Wesley VanWychen, PhD (Ottawa) | wvanwychen@uwaterloo.ca |
| Carolyn Whitzman | cwhitzma@uottawa.ca |

University of Regina

Department of Geography & Environmental Studies

3737 Wascana Parkway, Regina, SK S4S 0A2

(306) 585-4222 — Fax (306) 585-4815

Website: <http://www.uregina.ca/arts/geography/>

Department Offers

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

Faculty

Professors Emeriti:

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

Email Address:

Alexander.Paul@uregina.ca

Instructor Emerita:

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

Marilyn.Lewry@uregina.ca

Professors:

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

Louis.Awanyo@uregina.ca

Joseph Piwowar, PhD (Waterloo)
Climate change and grassland environments
Environmental normals
Geographical information systems (GIS) applications in resource management
Hypertemporal image analysis
Long-term monitoring and modelling of climate impacts through remote sensing
Strategies for terrestrial change analysis

Joe.Piwowar@uregina.ca

David Sauchyn, PhD (Waterloo)
Adaptation of water management to climate change
Climatic change of the past millennium
Soil landscape sensitivity to climate variability and change

David.Sauchyn@uregina.ca

¹ Luther College

Associate Professors:

- | | |
|---|--------------------------------|
| Emily Eaton, PhD (Toronto) | Emily.Eaton@uregina.ca |
| Canadian agriculture | |
| Natural resource economies | |
| Oil | |
| Political ecology | |
| Political economy | |
| Ulrike Hardenbicker ² , Dr. rer. nat. (Bonn), habil (Halle) | Ulrike.Hardenbicker@uregina.ca |
| Geomorphological and geoecological influence of subsurface flow on landscape development, Processes and causes of subsurface erosion, Slope hydrology and slope stability | |
| Samantha Kerr, PhD (Regina) | Samantha.kerr@uregina.ca |
| Paleohydrology, hydroclimatic variability of the Canadian Prairies, dendrochronology and dendroclimatology, climate change, geographic information systems | |
| 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 |
| Cultural mapping | |
| Population mapping | |
| GIS | |
| Design and development of electronic atlases | |
| Thematic cartography | |

Instructor:

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

² Head (Faculty information as of September 1, 2018)

University of Saskatchewan

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

(306) 966-5654 — Fax (306) 966-5680

Email: geography.planning@usask.ca

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

Department Offers

MA, MSc, PhD in Geography; BASC and BASC Hons in Environment and Society; BSc and BSc Hons in Hydrology; BA and BA Hons in Regional and Urban Planning; Minor in Geomatics; Minor in Water Science.

Faculty

Professors Emeriti:

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

Email Address:

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

Professors:

Alec Aitken¹, PhD (McMaster)

alec.aitken@usask.ca

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

Abraham Akkerman, PhD (Waterloo)

avi.akkerman@usask.ca

Demography and planning
Urban design
Urban transportation

Scott Bell, PhD (UC Santa Barbara)

scott.bell@usask.ca

Behavioural and cognitive geography
Geographic education
Geographic information science

Martyn Clark², PhD (Colorado)

martyn.clark@usask.ca

Numerical modeling and prediction of hydrologic processes, including coupling of hydrology and climate models, development of spatially distributed hydrologic modes, development of methods for hydrologic data assimilation, development of methods to quantify hydrologic model uncertainty.
Developing innovative approaches for simulating hydrological processes, including understanding inter-model differences
Developing methods to improve streamflow forecasts

¹ Department Head

² Associate Director, Centre for Hydrology and Coldwater Laboratory

- Understanding space-time variability in climate and hydrology including
understanding the impacts of climate change on regional water resources.
- Dirk H. de Boer³, PhD (Alberta) dirk.deboer@usask.ca
Spatially distributed erosion models
Suspended sediment and trace element transport in the Mackenzie River Basin
- Xulin Guo, PhD (Kansas) xulin.guo@usask.ca
Integrating measures of grassland function using Remote Sensing
- Bram F. Noble⁵, PhD (Memorial) b.noble@usask.ca
Cumulative effects
Environmental impact assessment effectiveness
Resource development and environmental management
Strategic environmental assessment
Uncertainty analysis in environmental assessment
- John W. Pomeroy⁴, PhD (Saskatchewan) john.pomeroy@usask.ca
Hydrological processes
Mountain hydrology; Forest hydrology; Northern hydrology; Prairie hydrology
Snow and ice
Water and climate modelling
- Ryan Walker, PhD (Queen's) ryan.walker@usask.ca
Community-based low-cost housing development
Indigeneity and urban development
Indigenous housing in urban areas; municipal planning with Aboriginal communities
Program evaluation in community services
Urban citizenship; urban planning and geography
- Cherie Westbrook, PhD (Colorado State) cherie.westbrook@usask.ca
Beaver
Ecohydrology
Montane peatlands
Wetlands and riparian areas

Associate Professors:

- Jill Blakley, PhD (Saskatchewan) jill.blakley@usask.ca
Regional-scale impact assessment
Cumulative effects assessment (CEA)
Strategic environmental assessment (SEA)
Humanistic urban design
- Paul Hackett, PhD (Manitoba) paul.hackett@usask.ca
Diabetes in First Nations populations
Health geography
History of Aboriginal health
Intimate Partner Violence
Tuberculosis

³ Acting Head, Department of Psychology & Health Studies, College of Arts and Science, 2021-2022

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

⁵ Vice Dean, Research, Scholarly and Artistic Work, College of Arts and Science

Robert Patrick, PhD (Guelph)	robert.patrick@usask.ca
Indigenous planning	
Integrated watershed planning and management	
Drinking water source protection and management	
Source water protection	
Corinne Schuster-Wallace, PhD (Wilfrid Laurier)	cschuster.wallace@usask.ca
Water and human health	
Local water security in marginalised communities	
Water-related diseases and climate change	

Assistant Professors:

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

Adjunct or Associate Faculty Members:

Barrie Bonsal, PhD (Saskatchewan)	barrie.bonsal@canada.ca
Climate Impacts on Freshwater Availability Across Canada	
Hydro-Climate Extremes and Variability: Droughts and Floods	
Ngoc Thuan Chu, PhD (Saskatchewan)	thuan.chu@gov.sk.ca
Diogo Pinho da Costa (Singapore)	diogo.costa@usask.ca
Sarah Dickson-Anderson (Waterloo)	sdickso@mcmaster.ca
John Diiwu, PhD (Guelph)	john.diiwu@gov.ab.ca
Patricia Fitzpatrick, PhD (Waterloo)	p.fitzpatrick@uwinnipeg.ca
David Fortin, PhD (Queen's)	d.fortin@wlcs.ca
Kevin Hanna, PhD (Toronto)	kevin.hanna@ubc.ca
Michael Hill, PhD (Western Ontario)	mrjhill3@gmail.com
Wetlands and urban planning (with B. Noble)	
Wildlife management planning	
Wetland mitigation and policy	
Phil Marsh, PhD (McMaster)	philip.marsh@outlook.com
Hydrology of the Mackenzie delta and the role of climate change and hydrocarbon development	
Hydrological processes & improved modeling in cold regions of northern Canada	
Impact of changes in permafrost and vegetation on the hydrology of northern Canada	
Chris Spence, PhD (McMaster)	chris.spence@canada.ca
Canadian Shield hydrology and hydrometeorology	
The role of storage in Canadian Prairie hydrology	

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

Professional Affiliates:

Dr. Scott Barnes	limnosenviro@gmail.com
Tim Steuart	tjs395@mail.usask.ca

School of Environment and Sustainability

Maureen G. Reed, PhD (University of Waterloo)	maureen.reed@usask.ca
Environmental governance	
Resilience for social and environmental sustainability	
The role of gender and culture in community response to climate hazards	
Biocultural diversity, Sustainability and reconciliation	

University of Toronto (Mississauga)
Department of Geography, Geomatics and Environment
3359 Mississauga Road, William Davis Building,
Mississauga, ON L5L 1C6
(905) 828 – 5462 — Fax (905) 828 - 5273
Email: geography.admin@utoronto.ca
Website: <http://www.utm.utoronto.ca/geography/>

Department Offers¹

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

Faculty

Emeritus Professors:

G. Gracie, S. Munro, R. Jackson, T. McIlwraith

Professors, Tenure Stream:

Email Address:

Ronald Buliung, PhD (McMaster)

ron.buliung@utoronto.ca

Transportation geography and population health

Critical Disability Studies

Active transportation

Geographies of childhood

Pedestrian injury

Historical geography of cycles and cycling

Transportation in the Global South

Tenley Conway, PhD (Rutgers)

tenley.conway@utoronto.ca

Human-environment interactions

Urban forests, Urban ecosystems

Land use/land cover change

Yuhong He², PhD (Saskatchewan)

yuhong.he@utoronto.ca

Environmental remote sensing

Vegetation stress detection with multi-source remote sensing

Endangered and invasive species monitoring

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

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

- Alan Walks, PhD (Toronto) alan.walks@utoronto.ca
 The politics of automobility
 Geography of housing and homelessness
 New neighbourhood forms: gated communities and the new urbanism
 Political attitudes, neighbourhood inequality, and urban policy
 Urban social, political and electoral geography
 Geographies of financialization and debt
- Kathi Wilson, PhD (Queen's) kathi.wilson@utoronto.ca
 Aboriginal health and wellbeing
 Aboriginal peoples, migration and rights to the city
 Access to health care and social services
 Global migration, settlement, and health
- Associate Professors, Tenure Stream:*
- Laura Brown, PhD (Waterloo) lc.brown@utoronto.ca
 Hydroclimatology
 Climate variability and the interactions with lake ice
 Numerical modelling of lake ice
 Remote sensing of the cryosphere
- Pierre Desrochers, PhD (Montreal) pierre.desrochers@utoronto.ca
 Energy policy
 Food policy
 Business-environment interface
 Regional development
 History of environmental thought
 High spatial hyperspectral image processing
- Tim Duval, PhD (McMaster) tim.duval@utoronto.ca
 Ecohydrology
 Stream nutrient biogeochemistry
 Wetland hydrology and biogeochemistry
 Urban environments
- Igor Lehnher, PhD (Alberta) igor.lehnher@utoronto.ca
 Environmental contaminants including mercury
 Climate change impacts in Arctic watersheds
 Nutrient and carbon cycling
 Aquatic biogeochemistry
- Andrea Olive, PhD (Purdue) andrea.olive@utoronto.ca
 Environmental policy
 Species at risk and biodiversity
 Canada-US environmental governance
 Natural resource extraction
 Private land and landowners

Assistant Professors, Tenure Stream:

Matthew Adams, PhD (McMaster)	md.adams@utoronto.ca
Urban Pollution – Water, Air and Soil	
Exposure Science	
Geographic Information Science	
Spatial Statistics	
Laurel Besco, PhD (Ottawa)	laurel.besco@utoronto.ca
Environment/sustainability law and policy	
Green economy and corporate environmental norms	
Socio-legal dimensions of climate change	
Vincent Kuuire, PhD (Western)	vincent.kuuire@utoronto.ca
Migration	
Transnationalism and integration	
Population health	
Environment and health	
Sub-Saharan Africa	
Trevor Porter, PhD (Carleton)	trevor.porter@utoronto.ca
Dendrochronology	
Paleoclimatology	
Stable water isotopes	
Northern Canada	
Jue Wang, PhD (Illinois)	gis.wang@utoronto.ca
GIScience and geovisualization	
Big data and spatiotemporal analysis	
Environmental health and health geography	
Transportation and human mobility	

Professors, Teaching Stream:

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

Associate Professors, Teaching Stream:

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

Assistant Professor, Teaching Stream:

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

Associate Professor (Limited Term Appointment)

Nicole Yantzi, PhD (Queens)	nicole.yantzi@utoronto.ca
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Assistant Professor, Teaching Stream (Contractually Limited Term Appointment):

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

Assistant Professor, Teaching Stream (Limited Term Appointment):

David Passmore, PhD (Newcastle)	david.passmore@utoronto.ca
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University of Toronto Scarborough

Department of Human Geography

1265 Military Trail, Toronto, ON M1C 1A4

(416) 208-2898 — Fax (416) 287-7283

Email: sueann.hicks@utoronto.ca

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

Department Offers¹

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

Faculty

Professors Emeriti:

M. Bunce
E. Relph
J. Miron

Professors:

Email Address:

Mark Hunter, PhD (UC Berkeley)

mark.hunter@utoronto.ca

AIDS in South Africa

Education and class

Geographies of health inequality

Geographies of sexuality

South African political economy

Thembela Kepe, PhD (Western Cape)

thembela.kepe@utoronto.ca

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

Politics of land use planning, rural struggles, southern Africa

André Sorensen, PhD (London, UK)

andre.sorensen@utoronto.ca

Civil society, urban space and governance processes

Historical Institutionalism, planning history, comparative urban governance

Japanese planning and governance

Path dependence and suburban development

Property rights, land management, and institutional change

Associate Professors:

Michelle Buckley, PhD (Oxford)

michelle.buckley@utoronto.ca

Migrant construction work and theories of urbanization

The urbanization of capital in Gulf Cooperation Council economies

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

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

Assistant Professors:

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

- Rachel Goffe, PhD (CUNY) rachel.goffe@utoronto.ca
 Black Geographies
 Racial capitalism
 Caribbean Studies
 Land, livelihood and informal economies
 Social reproduction
 Urban-rural interfaces
- Christopher Higgins, PhD (McMaster) cd.higgins@utoronto.ca
 Spatial analysis and GIScience,
 Built environment and urban morphology,
 Accessibility and travel behaviour
- Zachary Hyde (PhD, British Columbia) zachary.hyde@utoronto.ca
 Urban Governance
 Economic Geography and Sociology
 Development and Housing
 Culture
 Theory
 Qualitative Methods
- Nicole Latulippe, PhD (Toronto) nicole.latulippe@utoronto.ca
 Nbsiing Anishinaabeg fisheries and Anishinaabe water governance and laws in
 the Great Lakes
 Indigenous environmental justice
 Anishinaabe legal traditions and the First Nations Land Management Act
 Urban placemaking/keeping in Mississauga treaty territory, Toronto/Tkaronto,
 and Aotearoa New Zealand
 Identity, difference, and belonging to place

Associate Professor, Teaching Stream:

- Ahmed Allahwala, PhD (York) ahmed.allahwala@utoronto.ca
 Community-based pedagogies
 Public policy and cities, urban social policy, labour and employment, migration
 Urban governance, urban political economy, comparative urban and regional
 studies
- Glenn Brauen, PhD (Carleton) glenn.brauen@utoronto.ca
 Cybercartographic atlas of the Lake Huron Treaty relationship process
 Data management for freshwater monitoring in Canada's North
 Geospatial knowledge models (ontologies), visualization, and geographic
 information systems (GIS) to support land use planning in Nunatsiavut
 WebMap design utilities

University of Toronto (St. George)
Department of Geography and Planning
100 St. George Street, Toronto, ON M5S 3G3
(416) 978-3375 — Fax (416) 946-3886
Email: mainoffice@geog.utoronto.ca
Website: www.geography.utoronto.ca

Department Offers¹

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

Faculty^{2,3}

Emeritus Professors:

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

Professors:

Email Address:

George B. Arhonditsis, PhD (Aegean), UTSC
Ronald Buliung⁴, PhD (McMaster), UTM
Jing Chen, PhD (Reading), FRSC, UTSG

georgea@utsc.utoronto.ca
ron.buliung@utoronto.ca
jing.chen@utoronto.ca

Continental and global carbon and water cycle modeling
Coupling of water and carbon cycles in wetlands and forests
Global carbon cycle modelling
Hyperspectral remote sensing application to forestry
Multiangle remote sensing application to land surface
Nested global inversion for North America carbon budgets

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

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

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

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

- | | |
|---|-----------------------------|
| Tenley Conway, PhD (Rutgers), UTM | tenley.conway@utoronto.ca |
| Deborah Cowen, PhD (Toronto), UTSG | deb.cowen@utoronto.ca |
| Geographies of citizenship, militarism, and war | |
| Security and cities | |
| Sub/urban politics | |
| Amrita Daniere, PhD (Harvard), UTSG | amrita.daniere@utoronto.ca |
| Building urban climate change resilience in secondary cities | |
| of Southeast Asia | |
| Development and implementation of policy and planning from a | |
| political-economy perspective in urban areas of the Global South | |
| Infrastructure provision in developing-country megacities (including water | |
| and sanitation services, housing, solid waste collection and disposal, | |
| and transportation) | |
| Joe Desloges, PhD (British Columbia), UTSG | desloges@geog.utoronto.ca |
| Floodplain sedimentology | |
| Geoarcheology, B.C. and Ontario | |
| Glaciolacustrine sediment records, B.C., Alberta, N.W.T., Greenland, Iceland, | |
| and Norway | |
| Paleohydrology and environmental reconstruction | |
| Meric Gertler, PhD (Harvard), FRSC, UTSG | president@utoronto.ca |
| Economic change in the Toronto region | |
| Industrial cultures and practices: national, regional and local modes of | |
| governance (particularly in Canada, the United States, and Germany) | |
| Social foundations of economic performance: creativity, diversity, and cities | |
| Emily Gilbert, PhD (Bristol), UTSG | emily.gilbert@utoronto.ca |
| Citizenship, borders and security | |
| Nationalism, postcolonialism, globalization | |
| Social and political theory | |
| The culture and politics of money and North America | |
| William A. Gough, PhD (McGill), UTSC | gough@utsc.utoronto.ca |
| Jason Hackworth, PhD (Rutgers), UTSG | jason.hackworth@utoronto.ca |
| Political economy | |
| Comparative urban policy | |
| Declining cities | |
| Urban abandonment | |
| Danny Harvey, PhD (Toronto), UTSG | harvey@geog.utoronto.ca |
| Climatic change due to human activities – scenarios and impacts | |
| Global scale potential to reduce greenhouse gas emissions through energy | |
| efficiency | |
| Yuhong He ⁵ , PhD (Saskatchewan), UTM | yuhong.he@utoronto.ca |
| Mark Hunter, PhD (UC Berkeley), UTSC | mhunter@utsc.utoronto.ca |
| Shashi Kant, PhD (Toronto), UTM | shashi.kant@utoronto.ca |
| Thembele Kepe ⁶ , PhD (Western Cape), UTSC | kepe@utsc.utoronto.ca |

⁵ Chair, Department of Geography, UTM

⁶ Chair, Department of Human Geography, UTSC

- Deborah Leslie, PhD (British Columbia), UTSG leslie@geog.utoronto.ca
 Commodity chains
 Cultural industries
 Urban-economic
 Cultural and feminist geography
- Robert Lewis, PhD (McGill), UTSG lewis@geog.utoronto.ca
 Economic geography of the North American city, 1850-1950
 Industrial and social geography of the suburbs, 1850-1950
 Social geography of colonial cities in India, 1881-1921
- W. Scott Prudham, PhD (UC Berkeley), UTSG scott.prudham@utoronto.ca
 Environmental politics, policy, and social justice
 Forest politics and policy, western North America
 Political ecology
 Political economy and environment
- Katharine Rankin, PhD (Cornell), UTSG rankin@geog.utoronto.ca
 Comparative market regulation, South Asia, Southeast Asia, North America
 Critical development studies
 Planning history and theory
 Urban governance and commercial gentrification
- Susan Ruddick, PhD (UC Los Angeles), UTSG ruddick@geog.utoronto.ca
 Philosophy and its influences on geographic thought
 Social justice
- Matti Siemiatycki, PhD (British Columbia), UTSG siemiatycki@geog.utoronto.ca
 Community and regional planning
 Infrastructure finance and delivery
 Transportation policy and planning
- Rachel Silvey, PhD (Washington), UTSG silvey@geog.utoronto.ca
 Critical development studies
 Indonesia
 Migration
 The politics of Islam
 Transnational feminism
- Andre Sorensen, PhD (LSE), UTSC sorensen@utsc.utoronto.ca
 Sarah Wakefield, PhD (McMaster), UTSG sarah.wakefield@utoronto.ca
 Community development and neighbourhood change
 Community-engaged scholarship
 Critical health geography
 Environmental justice/just sustainability
 Mobilizing for community food security in Canada
- Alan Walks, PhD (Toronto), UTM alan.walks@utoronto.ca
 Kathi Wilson, PhD (Queen's), UTM kathi.wilson@utoronto.ca

Professors, Teaching Stream:

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

Barbara Murck, PhD (Toronto), UTM

bmurck@utm.utoronto.ca

Associate Professors:

Christian Abizaid, PhD (McGill), UTSG

christian.abizaid@utoronto.ca

Peasant livelihoods in tropical forests

Human responses to environmental change

Cultural ecology, environment and development issues in Latin America

Alana Boland, PhD (Washington), UTSG

boland@geog.utoronto.ca

Environment and development in China

Urban political ecology

Laura Brown, PhD (Waterloo), UTM

lc.brown@utoronto.ca

Michelle Buckley, PhD (Oxford), UTSC

mbuckley@utsc.utoronto.ca

Susannah Bunce, PhD (York), UTSC

scbunce@utsc.utoronto.ca

Pierre Desrochers, PhD (Montreal), UTM

pierre.desrochers@utoronto.ca

Richard DiFrancesco⁷, PhD (McMaster), UTSG

difrance@geog.utoronto.ca

The functioning and evolution of regional economic clusters

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

Tim Duval, PhD (McMaster), UTM

tim.duval@utoronto.ca

Michael Ekers, PhD (Oxford), UTSC

mekers@utsc.utoronto.ca

Steven Farber, PhD (McMaster), UTSC

steven.farber@utoronto.ca

Matthew Farish, PhD (British Columbia), UTSG

farish@geog.utoronto.ca

The American Cold War

American military-environment relations, 1898-present

The cultural and historical geography of North American cities

The militarization and modernization of the North American Arctic, 1940-1965

Twentieth-century intellectual history

Kanishka Goonewardena, PhD (Cornell), UTSG

kanishka.goonewardena@utoronto.ca

Urbanism and critical theory

Planning practice, political thought and geo-political-economics

Modernity and nationalism (postcolonial and diasporic)

Paul Hess, PhD (Washington), UTSG

hess@geog.utoronto.ca

Planning and designing for non-motorized travel modes

Travel behavior interactions with urban form

Urban form analysis, representation and measurement using GIS

Marney Isaac, PhD (Toronto), UTSC

marney.isaac@utoronto.ca

Ryan Isakson, PhD (Massachusetts Amherst), UTSC

risaksson@utsc.utoronto.ca

Nicole Klenk, PhD (British Columbia), UTSC

nicole.klenk@utoronto.ca

Jane Liu, PhD (Toronto), UTSG

liu@geog.utoronto.ca

Atmospheric environment (pollution transport and emission from

fires, air quality and health implications, satellite monitoring, modeling)

Tropospheric and stratospheric ozone

Climate change

Kenneth Ian MacDonald, PhD (Waterloo), UTSC

kmacd@utsc.utoronto.ca

⁷ Chair, Department of Geography and Planning, UTSG

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

Associate Professors, Teaching Stream:

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

Assistant Professors:

Matthew Adams, PhD (McMaster), UTM	md.adams@utoronto.ca
Laurel Besco, PhD (Ottawa), UTM	laurel.besco@utoronto.ca
Michelle Daigle, PhD (Washington), UTSG	m.daigle@utoronto.ca
Carolyn DeLoyde, PhD (Queen's), UTSG	carolyn.deloyde@utoronto.ca
Heather Dorries, PhD (Toronto), UTSG	heather.dorries@utoronto.ca
Rachel Goffe, PhD (CUNY Graduate Center), UTSC	rachel.goffe@utoronto.ca
Christopher Higgins, PhD (McMaster), UTSC	cd.higgins@utoronto.ca
Zachary Hyde, PhD (British Columbia), UTSC	zachary.hyde@utoronto.ca
Vincent Kuuire, PhD (Western Ontario), UTM	vincent.kuuire@utoronto.ca
Igor Lehnher, PhD (Alberta), UTM	igor.lehnher@utoronto.ca
Damian Maddalena, PhD (North Carolina), UTM	damian.maddalena@utoronto.ca
Trevor Porter, PhD (Carleton), UTM	trevor.porter@utoronto.ca

Jason Spicer, PhD (MIT), UTSG jason.spicer@utoronto.ca
Community economic development strategy and planning
Cooperatively owned businesses in promotion of economic development at the
urban scale

Lindsay Stephens, PhD (Toronto), UTSG lindsay.stephens@utoronto.ca
 Jue Wang, PhD (Illinois Urbana-Champaign), UTM gis.wang@utoronto.ca

Assistant Professors, Teaching Stream:

Sarah Peirce, PhD (Western Ontario), UTSG s.peirce@utoronto.ca

Adjunct Faculty:

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

Sessional II Instructors:

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

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

Department Offers

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

Faculty

Professor Emeriti:

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

Professor:

Email Address:

David Atkinson¹, PhD (Ottawa)

datkinso@uvic.ca

Alpine icefield responses to weather
Synoptic climatology
Northern Indigenous perspectives on weather
Weather system impacts of coastal regions

Denise Cloutier, PhD (Guelph)

dcloutier@uvic.ca

Healthy aging
Integrated models of service delivery
Mixed methods
Homelessness
Housing, transportation, and services
Community-engaged research

Maycira Costa, PhD (Victoria)

maycira@uvic.ca

Biophysical remote sensing of freshwater, coastal waters, and nearshore habitats
Water optics
Biophysical remote sensing of wetlands

Chris Darimont, PhD (Victoria)

darimont@uvic.ca

Conservation ethics
Ecosystem-based harvest management
Indigenous geographies
Marine-terrestrial interactions
Wildlife ecology

¹ Department Chair

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

Associate Professor:

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

Assistant Professor:

- Sophia Carodenuto, PhD (Freiburg, Germany) carodenuto@uvic.ca
 Climate policy and practice
 Forest governance
 Africa studies
 Global value chains

Kristian Dubrawski, PhD (British Columbia)	kdubrawski@uvic.ca
Water	
Community	
Nature-based solutions	
Techno-ecological synergy	
Eva Kwohl, PhD (Bremen, Germany)	ekwohl@uvic.ca
Estuarine dynamics	
Eelgrass ecogeomorphology	
Coastal sediment transport processes	
Deondre Smiles, PhD (Ohio State)	dsmiles@uvic.ca
Critical Indigenous geographies	
Human-environmental interaction	
Political ecology	
Tribal cultural resource preservation	
Crystal Tremblay, PhD (Victoria)	crystal@uvic.ca
Environmental governance	
Participatory community-based research	
Social justice	

Teaching Professor:

Teresa Dawson, MA (Oxford), MA (McMaster)	tdawson@uvic.ca
Geography pedagogy	
Feminist geography	
Learning in community	
Ian O'Connell, PhD (Victoria)	ianoc@uvic.ca
Cartography	
GIS	

Associate Teaching Professor:

Cameron Owens, PhD (Simon Fraser)	camo@uvic.ca
Community-engaged research and teaching	
Field school learning	
Sustainable community development	
Environmental impact assessment	
CindyAnn Rose-Redwood, PhD (Penn State)	cindyann@uvic.ca
Urban social geography	
Global migration	
Race and ethnicity	
Geographies of international students	
Caribbean studies	

Assistant Teaching Professor:

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

Adjunct Faculty:

Heather Castleden, PhD (Alberta), Adjunct Professor
 Anthony Charles, PhD (British Columbia), Adjunct Professor
 Michael Demuth, BSc (Calgary), Adjunct Professor
 Harvey (James) Harrold, PhD (Victoria), Adjunct Professor
 Trisalyn Nelson, PhD (WLU), Adjunct Professor
 Aleck Ostry, PhD (British Columbia), Adjunct Professor
 Paul Paquet, PhD (Alberta), Adjunct Professor
 Christopher Pearce, PhD (Laval), Adjunct Professor
 Daniel L. Peters, PhD (Trent), Adjunct Professor
 Rajesh Shrestha, PhD (Karlsruhe), Adjunct Professor
 Ian Walker, PhD (Guelph), Adjunct Professor
 Fred Wrona, PhD (Calgary), Adjunct Professor
 Stephen F. Cross, PhD (Stirling), Adjunct Associate Professor
 Yonas Dibike, PhD (Delft), Adjunct Associate Professor
 Michele-Lee Moore, PhD (Laurier), Adjunct Associate Professor
 Rick Rollins, PhD (Washington), Adjunct Associate Professor
 Kyle Artelle, PhD (Simon Fraser), Adjunct Assistant Professor
 Rianna Burnham, PhD (Victoria), Adjunct Assistant Professor
 Bruce Downie, PhD (Victoria), Adjunct Assistant Professor
 Gwyn Lintern, PhD (Oxford), Adjunct Assistant Professor
 Lauren McWhinnie, PhD (Heriot-Watt), Adjunct Assistant Professor
 Grant Murray, PhD (Michigan), Adjunct Assistant Professor
 Patrick O'Hara, PhD (SFU), Adjunct Assistant Professor
 Daniel Perrakis, PhD (Washington), Adjunct Assistant Professor
 Geoff Quinn, PhD (Victoria), Adjunct Assistant Professor
 Mark Seemann, PhD (Victoria), Adjunct Assistant Professor
 Pamela Shaw, PhD (Victoria), Adjunct Assistant Professor

University of Waterloo

Department of Geography and Environmental Management

Waterloo, ON N2L 3G1

(519) 888-4567, ext. 42433

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

Department Offers

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

Faculty

Professors:

Email Address:

Jean Andrey¹, PhD (Waterloo)

jandrey@uwaterloo.ca

Transportation planning

Weather hazards

Climate change adaptation

Claude Duguay, PhD (Waterloo)

crduguay@uwaterloo.ca

Climate impacts on the cryosphere

Climate-lake interactions

Numerical modelling and remote sensing of lake ice

Susan Elliott, PhD (McMaster)

elliotts@uwaterloo.ca

Medical geography

Environment and health

Global health

Philosophies of science

Helen Jarvie, PhD (Reading)

hjarvie@uwaterloo.ca

River-system biogeochemistry

Nutrient (phosphorus, P, and nitrogen, N) cycling, eutrophication

Water quality, from watershed to global perspectives

Richard Kelly², PhD (Bristol)

rejkelly@uwaterloo.ca

Global change of the cryosphere

Remote sensing of global snow water equivalent from passive microwave measurements

Jonathan Li, PhD (Cape Town)

junli@uwaterloo.ca

Mobile laser scanning for 3D object extraction

Urban modelling using remote sensor data

Environmental monitoring using satellite data

Merrin Macrae, PhD (Wilfrid Laurier)

mmacrae@uwaterloo.ca

Hydrology and chemistry of agricultural runoff Hydrologic and biogeochemical processes in wetlands

¹ Dean of the Faculty of Environment

² Department Chair

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

Associate Professors:

- Sarah Burch, PhD (British Columbia) sarah.burch@uwaterloo.ca
 Landscape visualizations
 Participatory planning in communities

Social-ecological systems	
Sustainability entrepreneurship ; Sustainability policy	
Urban climate change governance	
Peter Deadman, PhD (Arizona)	pjdeadma@uwaterloo.ca
Agent based modelling	
Geographic information systems	
Land use change	
Natural resources management	
Brent Doberstein, PhD (British Columbia)	bdoberst@uwaterloo.ca
Capacity building	
International development	
Natural hazards	
Parks and protected areas	
Resource and environmental management	
Christine Dow, PhD (Swansea)	christine.dow@uwaterloo.ca
Subglacial hydrology	
Glacial numerical modeling	
Ice dynamics of ice sheets and glaciers	
Christopher Fletcher, PhD (University College)	chris.fletcher@uwaterloo.ca
Modelling of climate variability and change	
Atmospheric teleconnections	
Aerosol-climate interaction	
Cryosphere-climate interaction	
Peter Johnson, PhD (McGill)	peter.johnson@uwaterloo.ca
Government use of geospatial technology	
Mobile devices	
Open data	
The geospatial web 2.0	
Suzanne Kearns, PhD (Capella)	suzanne.kearns@uwaterloo.ca
Aviation human factors and pilot training	
Educational theory related to aviation, including the shift towards competency-based education practices and the impact of e-learning in aviation	
Yuri Leonenko, PhD (Novosibirsk)	leonenko@uwaterloo.ca
Development of Climate Control technologies with an emphasis on Carbon Capture and Storage. Modeling and numerical simulation of multiphase flow in porous media, fractures and faults;	
Interactions between CO ₂ and reservoir fluids; novel technologies for in situ and ex situ dissolution of CO ₂ , risk and economic assessments	
Ian McKenzie, PhD (Western)	mckenzie@uwaterloo.ca
Aviation and Geomatics	
Clare Mitchell, PhD (Waterloo)	cjamitch@uwaterloo.ca
Counterurbanization	
Heritage commodification and rural restructuring	
Rural change	
Derek Robinson, PhD (Michigan)	dtrobinson@uwaterloo.ca
Agent-based modelling	
Impact and responses among ecological processes, climate, and land management	

Land use, land management and the carbon cycle
 Policy impacts on land use and ecosystem services
 Terrestrial ecosystem management
 Unmanned aerial vehicles
 Retail location
 Wetland reclamation

Johanna Wandel, PhD (Guelph) jwandel@uwaterloo.ca

Adaptation and climate change
 Community based assessment
 Vulnerability

Nancy Worth, PhD (Leeds) nworth@uwaterloo.ca

Economic geography
 Social geography
 Feminist geography
 Social justice
 Identities and belonging

Assistant Professors:

Daniel Cockayne, PhD (Kentucky) daniel.cockayne@uwaterloo.ca

Cultural geography ; Critical human geography
 Economic geography
 Entrepreneurialism and startup economies
 Feminist geography, queer geography and sexuality

Grant Gunn, PhD (Waterloo) g2gunn@uwaterloo.ca

Remote sensing and
 Target interactions with permafrost and lakes in Arctic, sub-Arctic and Temperate regions

Quinn Lewis, PhD (Illinois) quinn.lewis@uwaterloo.ca

Fluvial geomorphology, water resources, hillslope erosion and watershed processes, remote sensing of rivers, UAVs

Wesley Van Wychen, PhD (Ottawa) wesley.van.wychen@uwaterloo.ca

Remote sensing, glaciology, glacier dynamics, remote sensing of oceans (sea ice, currents), data management, climate data rescue

Lecturers:

Erin O'Connell, PhD (Waterloo) erin.oconnell@uwaterloo.ca

Post-disaster vulnerability reduction and building sustainable and resilient capacities in disaster-affected communities; emphasis on community-based disaster recovery and reconstruction in Asia; environmental studies, examining the human interactions with the natural world

Su-Yin Tan, PhD (Cambridge) sy2tan@uwaterloo.ca

Remote sensing geographic information systems (GIS), spatial statistics and data analysis, GIS education
 Vegetation and climatology ; Environmental monitoring

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

Department Offers¹

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

Faculty

Professors Emeriti:

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

Email Address:

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

Professors:

Peter Ashmore, PhD (Alberta)
 Fluvial geomorphology
 Sediment transport
Jamie Baxter, PhD (McMaster)
 Community responses to hazards
 Environmental risks from hazards
 Health
 Methodology
 Noxious facility siting
Brian Branfireun, PhD (McGill)
 Biogeochemistry

pashmore@uwo.ca

jamie.baxter@uwo.ca

bbranfir@uwo.ca

¹ Directory listing last updated in 2020

Eco hydrology	
Wetland ecosystem science	
Irena Creed, PhD (Alberta)	icreed@uwo.ca
Biochemistry	
Forests	
GIS	
Hydrology	
Remote sensing	
Watersheds	
Jason Gilliland, PhD (McGill)	jgillila@uwo.ca
Children's environments	
GIS	
Health geography	
Urban studies	
Isaac Luginaah, PhD (McMaster)	iluginaa@uwo.ca
Air pollution	
Environment and health	
GIS and health	
HIV/AIDS	
Jacek Malczewski, PhD (Poland)	jmalczew@uwo.ca
GIS	
Location analysis	
Quantitative methods	
Dan Shrubsole, PhD (Waterloo)	dashrubs@uwo.ca
Integrated resource management (water)	
James Voogt ² , PhD (British Columbia)	javoogt@uwo.ca
Urban climatology	
Jinfei Wang, PhD (Waterloo)	jfwang@uwo.ca
GIS	
Remote sensing	
<i>Associate Professors:</i>	
Godwin Arku, PhD (McMaster)	garku@uwo.ca
Housing and economic development	
Regional and local economic development policy and planning	
Third World development issues (especially Africa)	
Urban development and policy analysis	
Michael Buzzelli, PhD (McMaster)	michael.buzzelli@uwo.ca
Environment and health	
GIS	
Housing; Urban planning	
Jeff Hopkins, PhD (McGill)	jhopkins@uwo.ca
Cultural geography	
Gender	
Public places	

² Chair

Carol Hunsberger, PhD (Carleton)	chunsber@uwo.ca
Biofuels	
East Africa	
Political ecology	
Desmond Moser, PhD (Queen's)	dmoser22@uwo.ca
Geochronology	
Tectonics	
Katrina Moser, PhD (McMaster)	kmoser@uwo.ca
Climate change	
Limnology	
Paleoecology	
Paleolimnology	
Quaternary environments	
Water quantity and quality	
Chantelle Richmond, PhD (McGill)	chantelle.richmond@uwo.ca
Aboriginal health	
Community-based research	
Health impacts of environmental change	
Mixed methods	
Social determinants of health	
Social support	
Tony Weis, PhD (Queen's)	aweis@uwo.ca
Environmental conservation in equitable landscapes	
Globalization and agriculture	
Land reform and social movements	
Political ecology	

Assistant Professors:

Agnieszka Leszczynski, PhD (Washington)	aleszczy@uwo.ca
Digital geographies	
GIScience & Society	
Digital location	
Geolocation	
Platform economy	
Diana Lewis, PhD (Dalhousie)	diana.lewis@uwo.ca
Indigenous environmental health	
Social/environmental justice	
Indigenous methodology	
Quantitative methods	
Community-based research	
Risk/environmental assessment	
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	

Limited Duty Instructors:

Roger Antabe, PhD Candidate (Western)	rantabe@uwo.ca
Daniel Bednar, PhD (Western)	dbednar@uwo.ca
Merlin Chatwin, PhD Candidate (Western)	mchatwin@uwo.ca
Wendy Dickinson, PhD (Western)	whdickin@uwo.ca
Stephen Evans, MPA (Western)	sevans4@uwo.ca
Clare Gordon, PhD (Western)	cgordon@uwo.ca
Christopher Hewitt, PhD (Western)	chewitt4@uwo.ca
Kim Holland, MA (Western)	kholland@uwo.ca
Beth Hundey, PhD (Western)	ehundey2@uwo.ca
Moses Kansanga, PhD Candidate (Western)	mkansang@uwo.ca
Wes Kinghorn, PhD (Western)	wkinghor@uwo.ca
Gina Martin, PhD (St Andrews)	gmarti57@uwo.ca
Grant Morin, PhD Candidate (Western)	gmorin5@uwo.ca
Mark Moscicki, MA (Western)	mmoscic@uwo.ca
Sergio Pompilii, MA (Western)	spompilii@uwo.ca
Gabor Sass, PhD (Western)	gabor.sass@uwo.ca
Joe Shaw, MBA (Windsor)	jshaw86@uwo.ca
Joshua Steckley, PhD (Toronto)	jsteckl5@uwo.ca
Joshua Tobias, PhD (Western)	jtobias2@uwo.ca

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

Department Offers

BA, BSc

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

Homelessness and mental health
Housing markets
Urban Aboriginal issues
Urban and community planning

Patricia Fitzpatrick, PhD (Waterloo)

p.fitzpatrick@uwinnipeg.ca

Environmental assessment
Public participation and learning
Environmental governance, including adaptive management and corporate social responsibility
Resource management in the mineral and hydroelectric sectors

Associate Professors:

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

Professor Emeritus:

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

Senior Scholars:

William F. Rannie, PhD (Toronto) ranniebill@gmail.com
Environmental history of the eastern prairies in the 19th Century
The Assiniboine River basin

John Ryan, PhD (McGill) jryan13@mymts.net
Agricultural Economy of Manitoba Hutterite Colonies
Potential Use of Submarine Cable for Long Distance Electricity Transmission in
Manitoba – research for Manitoba Hydro
Articles on events in Canada, Afghanistan, Ukraine, Syria

H. John Selwood PhD (Western Australia) j.selwood@uwinnipeg.ca
Heritage issues
Rural settlement schemes
Sustainable environments
Domestic tourism

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

Department Offers

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

Faculty

Regular Faculty:

Email Address:

Matthew Bowes, PhD (Victoria)	matthew.bowes@viu.ca
Community-based mapping	
Environmental communication and education	
Human dimensions of parks and protected areas	
Human dimensions of wildlife in parks and protected areas	
Sustainability	
Tourism	
Urban green space	
Dave Cake, MSc (Victoria)	dave.cake@viu.ca
Wildlife habitat modeling	
Engineering and environmental applications of GIS	
Geodatabase design and implementation	
Alan Gilchrist, PhD (Liverpool)	alan.gilchrist@viu.ca
Macroscale geomorphology	
Watershed restoration in coastal British Columbia	
Water resources management on Vancouver Island	
Michael Govorov, PhD (Siberian State Academy)	michael.govorov@viu.ca
Geostatistical modelling and mapping for environmental studies	
GIS learning objects	
Jeff Lewis, PhD (Victoria)	jeff.lewis@viu.ca
Awareness of climate change through education and research – public outreach	
Climate change impacts and adaptation	
Vancouver Island weather station network	
Michele Patterson ¹ , MA (Royal Roads)	michele.patterson@viu.ca
Social and cultural values in seafood and seafood communities	

¹ Chair, Geography Department and GIS Programs

- Pam Shaw², PhD (Victoria) pam.shaw@viu.ca
 Planning and the public interest
 Retail geography
- Sean Sloan³, PhD (University of Melbourne) sean.sloan@viu.ca
 Conservation and Development
 Rural transitions and forest management
 Social-political and agrarian dimensions of land-cover transitions
 Forest transition science (sub-field of sustainability science)
- Hannah Wilson, PhD (Waterloo) hannah.wilson@viu.ca
 Educational advances in spatial analysis
 Remote predictive mapping of for mineral resource explorations in Canada's North
 Remote sensing applications in resource management
 Terrestrial ecosystems
- Paul Zandbergen, PhD (UBC) paul.zandbergen@viu.ca
 Geographic Information Science
 Spatio-temporal analysis and modelling
 Positioning technologies and location-based services
 Error propagation modelling in spatial processes
 Terrain analysis and watershed management

Limited Term Contract Faculty:

- Jason Young, PhD (McGill) jason.young@viu.ca
 Power, place, and memory
 Science and society
 Citizenship and national identity
 Cities and urban communities
 Surveillance, violence and society
 The histories of power

Sessional Faculty:

- Brad Maguire, PhD (Victoria) brad.maguire@viu.ca
 GIS, Geomorphology, Spatial Modelling, GeoAI (Convolutional Neural Networks)
 Using GIS and CNN for landform identification
 Mapping of place and place attachment using GIS
- Jaylene Murray, PhD (U Saskatchewan) jaylene.murray@viu.ca
 Human dimensions of sustainability
 Indigenous sovereignty, cultural revitalization
 Social and organizational change, social movements, environmental behaviour
 Sustainable community development

² Master of Community Planning program—Chair, Mount Arrowsmith Biosphere Region Research Institute—Research Director

³ VIU Tier 2 Canada Research Chair in the Human Dimensions of Sustainability and Resilience

Yaser Sadeghi, PhD (UQAM)
Geographic Information Systems
Remote Sensing
Lidar
Geomatics

Kayla Stan, PhD (U Alberta)
Environmental sciences
GIS
Socioeconomics and finance

Adjunct Faculty:

Bill Floyd, PhD (British Columbia) bill.floyd@viu.ca
Forest hydrology with a 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

Michael Tripp, PhD (Victoria) (also sessional) michael.tripp@viu.ca
Historical geography—immigration
Russian protected area systems / post-Soviet Russia
Suburban social geography

Honorary Research Associate:

Don Alexander, PhD (Waterloo) retired faculty don.alexander@viu.ca
Theory and practice of urban sustainability/ livability
Urban governance and the climate crisis
Universities as vehicles for sustainability theory and practice
Place-making and teaching “place literacy”
Protecting the small retail sector

Technician:

Jessica Craig⁴, MSc (Victoria) jessica.craig@viu.ca
Macroscale geomorphology
Quaternary geology
Geography education

Emily Lambert⁵, MSc, U Calgary Emily.lambert@viu.ca
Forest understory dynamics, forest ecology
Silviculture, invasive species

⁴ On maternity leave

⁵ Temporary technician for 2021-2022 academic year

Wilfrid Laurier University

Department of Geography and Environmental Studies

75 University Avenue West, Waterloo, ON N2L 3C5

(519) 884-0710 — Fax (519) 725-1342

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

Department Offers¹

BA, BSc, MA, MES, MSc, PhD

Faculty – Waterloo Campus

Professors Emeriti:

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

Retired Professors:

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

Professors:

E-mail Address:

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

¹ Directory listing last updated in 2020

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

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

³ Canada Research Chair

Associate Professors:

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

Assistant Professors:

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

⁴ Canada Research Chair

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

Faculty – Brantford Campus

Associate Professors:

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

York University
Graduate Program in Geography
Faculty of Environmental & Urban Change
4700 Keele Street, Toronto, Ontario M3J 1P3
(416) 736-5107 — Fax: (416) 736-5988
Graduate Program Website: <https://geography.gradstudies.yorku.ca/>
Faculty website: <https://euc.yorku.ca/>

Faculty Offers

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

Faculty¹

Professors Emeriti:

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

Professors Emeriti²:

Email Address:

Rick L. Bello, PhD (McMaster)	bello@yorku.ca
Airborne deposition on ponds on the Hudson Bay Lowlands (HBL)	
Changes in wind and wave energy on the Great Lakes	
Effects of snow drifting on shrub growth on HBL	
Methane ebullition from ponds on HBL	
Sensitivity of poikilohydric plants to climate change (HBL)	
Urban evaporation	
Lucia Lo, PhD (Toronto)	lucialo@yorku.ca
Intellectual migration and the global race for talent	
Ethnic/immigrant economy, entrepreneurship, and consumer behavior	
Chinese diaspora	
Lewis Molot, PhD (Alaska)	lmolot@yorku.ca
Iron and phosphorus co-regulation of cyanobacterial abundance in freshwaters	

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

² Actively recruiting/supervising graduate students

- Glen Norcliffe, DSc (Bristol) gnorclif@yorku.ca
 The globalization of industry and sport
 Extractive peripheries
 Geographical construction of technology
 Diverse geographies of industry and of its globalization
 Performance of the economy
- Valerie Preston, PhD (McMaster) vpreston@yorku.ca
 Feminist geography
 Geographies of housing and labour markets
 International migration and Canadian cities
 Urban social geography
- Peter Vandergeest, PhD (Cornell) pvander@yorku.ca
 Agrarian change
 Alternative agriculture
 Environmental governance
 Fisheries and forestry
 Southeast Asia
- Professors:*
- Martin Bunch, PhD (Waterloo) bunchmj@yorku.ca
 Ecosystem approaches
 Environment and health
 Watershed management
 System Thinking
 Geographic information systems
 International development
- Raju Das, PhD (Ohio) rajudas@yorku.ca
 Class theory
 Geographically uneven development
 Globalization/neoliberalism and rural/agrarian labour
 Political economy
 Social movements
 State-society relations
- Liette Gilbert, PhD (Los Angeles) gilbertl@yorku.ca
 Neoliberalization of migration
 Urban citizenship
 Social and spatial justice
 Political economy of sub/urbanization
 Post-disaster urban redevelopment
- Christian Haas, PhD (Bremen) haasc@yorku.ca
 Airborne geophysics
 Arctic climate change
 Electromagnetic induction sounding
 Ice engineering
 Ocean-ice-atmosphere interaction
 Satellite remote sensing

Alice Hovorka ³ , PhD (Clark)	ahovorka@yorku.ca
Human-environment relationships	
Animal geographies	
Gender and environment	
Urban geography	
Applied human geography	
Baoxin Hu, PhD (Boston)	baoxin@yorku.ca
Photogrammetry	
Remote sensing of vegetation	
3-D measurement and modeling	
Jennifer Hyndman, PhD (British Columbia)	jhyndman@yorku.ca
Critical and feminist geopolitics	
Geographies of forced migration/immigration	
Humanitarian aid in response to conflict/asylum/disasters	
Refugee (re)settlement	
Roger Keil, DrPhil (Johann Wolfgang Goethe)	rkeil@yorku.ca
Global suburbanisms	
Infectious disease and cities	
Urban infrastructures	
Urban governance	
Urban political ecology	
Philip F. Kelly, PhD (British Columbia)	pfkelly@yorku.ca
Economic and labour geography	
Immigration and labour in Canada	
Migration and transnationalism	
Socio-economic change in the Philippines and Southeast Asia	
Youth and social mobility	
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	
Joseph Mensah, PhD (Alberta)	jmensah@yorku.ca
African immigrant religion and cultural identity	
Critical development theory	
Geographies of development and health	
Neoliberalism and globalization in Africa	
Religious transnationalism	
Linda Peake, PhD (Reading)	lpeake@yorku.ca
Caribbean geography, especially Guyana	
Critical methodologies, especially transnational feminist praxis	
Feminist, social, and urban geography	
Mental health and the academy	

³ Dean, Faculty of Environmental & Urban Change

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

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

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

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

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

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

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

Arctic wetland hydrology
Arctic snow hydrology
Hydrology of extreme environments

Associate Professors:

Alison Bain, PhD (Cambridge) abain@yorkku.ca

Creative city theory and cultural planning
Gender and sexual identity politics
Geographies of artistic labour, creative practice, and cultural production
Public space contestations and interventions
Redevelopment and social inclusion in neighbourhoods, cities, and suburbs
Urban social, urban cultural, and feminist geography

Ranu Basu, PhD (Toronto) ranubasu@yorku.ca

Space, power and the city
Critical geographies of education
Migrants and the city
Cuba, Toronto, Kolkata
Urban social and political geography
Critical Geographic Information Systems (GIS)

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

Economic geography
Technoscientific capitalism
Assetization and rentiership
Political economy of innovation

⁴ Graduate Program Director

Digital economies, personal data, and AI	
Bioeconomies	
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	
Stefan Kipfer, PhD (York)	kipfer@yorku.ca
Comparative urban-regional politics and planning	
Marxist and counter-colonial traditions	
Populism and fascism	
Public housing: gentrification, privatization and redevelopment	
Suburbanization, territorial relations and regional planning	
The works of Henri Lefebvre, Antonio Gramsci and Frantz Fanon	
Theories of society, politics and the city	
Jennifer Korosi, PhD (Queen's)	jkorosi@yorku.ca
Limnology	
Paleolimnology	
Arctic/subarctic environmental change	
Biogeography	
Environmental contaminants	
Christopher Lortie, PhD (British Columbia)	lortie@yorku.ca
Biogeography	
Climate change	
Community	
Desert system restoration and management	
Invasion biology	
Carlota McAllister, PhD (Johns Hopkins)	carlota@yorku.ca
Political ecology	
Political theology	
Latin American & Caribbean Studies	
Religion	
Revolution	
Deborah McGregor ⁵ , PhD (U of T)	dmcgregor@osgoode.yorku.ca
Indigenous Environmental Justice	
Indigenous Governance; Sustainability	

⁵ Canada Research Chair in Indigenous Environmental Justice

Water Governance	
Indigenous Intellectual Traditions	
Jean Michel Montsion, PhD (McMaster)	jmmontsion@glendon.yorku.ca
Canada-Asia relations	
Critical ethnic and racial studies	
Emotional landscapes	
Gateway cities and community politics	
International education	
Justin Podur, PhD (Toronto)	jpodur@yorku.ca
Forest fires	
Geographic information systems	
International development and conflict	
Roberto Quinlan, PhD (Queen's)	rquinlan@yorku.ca
Aquatic ecology	
Limnology	
Paleoecology	
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	
Steven Tufts, PhD (York)	tufts@yorku.ca
Labour and economic development	
Labour and environment	
Labour unions and the city	
Labour market adjustment	
Workers and populism	
Douglas Young, PhD (York)	dogoyo@yorku.ca
Legacies of modernist and socialist urbanism	
Suburban decline and renewal	
Urban infrastructure	
Urban planning and development processes	
Anna Zalik, PhD (Cornell)	azalik@yorku.ca
Critical geopolitics of the oil industry	
Political ecology	
(Post) coloniality	
Radical/resource geographies	

Assistant Professors:

Nga Dao, PhD (York)	ngadao@yorku.ca
Agrarian change	
Environmental governance	
Political ecology	
Gender and Development	
Vietnam and Southeast Asian Development	

Sarah Rotz, PhD (Guelph)

rotzs@yorku.ca

Agriculture

Critical Research Methodologies

Indigenous Food & Land Sovereignty

Political Ecology and Food Justice

Climate Change

Settler Colonial Studies

Joshua Thienpont PhD (Queen's)

jthienpo@yorku.ca

Quaternary environments

Landscape disturbance

Permafrost thaw

Aquatic ecosystems

Arctic coasts

Appendix 1 / Annexe 1

THE CANADIAN ASSOCIATION OF GEOGRAPHERS

CONSTITUTION

Article I - Name

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

Article II - Objectives

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

Article III - Languages

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

Article IV - Membership

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

Article V – Officers (Article V amended 2000)

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

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

Article VI - Executive Duties

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

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

Article VII - Accountability of the Executive

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

Article VIII - Elections

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

Article IX - Constitutional Change

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

Article X - Annual General Meeting

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

Article XI - Regional Divisions

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

Article XII - Study Groups

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

Article XIII - Awards

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

L'ASSOCIATION CANADIENNE DES GÉOGRAPHES

CONSTITUTION

Article I - Nom

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

Article II - Objectifs

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

Article III - Langues

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

Article IV - Membres

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

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

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

président sortant. Deux conseillers nationaux sont élus afin de remplir les deux postes vacants, deux années sur trois. La présidente ou le président, la vice-présidente ou le vice-président, et les conseillères et conseillers, ne peuvent remplir deux mandats consécutifs.

Article VI - Fonctions du Comité directeur

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

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

Article VII - Responsabilités du Comité directeur

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

Article VIII - Élections

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

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

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

Article IX - Amendements à la Constitution

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

Article X - Assemblée générale annuelle

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

Article XI - Sections régionales

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

Article XII - Groupes d'étude

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

Article XIII - Prix

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

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

Appendix 2 / Annexe 2

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

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

Appendix 3 / Annexe 3

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

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

* Deceased

Appendix 4 / Annexe 4

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

Award for Scholarly Distinction in Geography

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

Le Prix pour distinction universitaire en géographie

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

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

Award for Service to the Profession of Geography

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

Le Prix pour services rendus à la profession de géographie

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

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

Award for Excellence in Teaching Geography

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

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

Le Prix d'excellence pour l'enseignement en géographie

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

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

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

Award for Geography in the Service of Government or Business

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

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

Le Prix de géographie au service du gouvernement ou des affaires

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

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

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

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

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

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

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

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

Appendix 5 / Annexe 5

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

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

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

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

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

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

Appendix 6 / Annexe 6

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

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

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

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

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

2003	Allison M. Williams	2013	Martin A. Andresen
2004	no award/non attribué	2014	Matthew Schnurr
2005	Michael	2015	Chantelle Richmond
2006	Philip Kelly	2016	Simon Springer
2007	no award/non attribué	2017	Jennifer Silver
2008	Isaac Luginaah	2018	Jennifer Korosi
2009	Jason Gilliland	2019	Carissa Brown
2010	Heather Castleden	2020	Gabriel Fauveaud
2011	Jeffrey Masuda	2021	Michelle Ruty
2012	Rachel Bezner-Kerr		

Appendix 7 / Annexe 7

The 2021 CAG Undergraduate Award Winners / Gagnant(e)s du Prix du premier cycle de l'ACG 2021

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	no submission / aucune soumission
University of Alberta - Augustana	Braeden Kelly
Bishop's University	Jithin Jose
Brandon University	Jana Botha
University of British Columbia	Angela Liu
UBC - Okanagan Campus	no submission / aucune soumission
Brock University	Erin Schmidtke
University of Calgary	Rory Armstrong
Carleton University	Erika Cizek
Concordia University	Clement Boisselier
University of the Fraser Valley	Anna Gorby
University of Guelph	no submission / aucune soumission
Lakehead University	no submission / aucune soumission
Université Laval	Mathilde Giguère
University of Lethbridge	Nicole Byford
University of Manitoba	Sofia Paez Calle
McGill University	Wanrong (Wendy) Huang
McMaster University	Becky Copeland
Memorial University	Jane Kenny
Université de Moncton	no submission / aucune soumission
Université de Montréal	Élaine Voyer-Leblanc
Mount Allison University	Jacob MacPherson
Nipissing University	Kayden Sim
University of Northern BC	no submission / aucune soumission
University of Ottawa	Claudia Sauro
Université du Québec à Montréal	no submission / aucune soumission
Queen's University	Anna Phipps
University of Regina	no submission / aucune soumission
Ryerson University	no submission / aucune soumission
Saint Mary's University	Katherine Macdonald
University of Saskatchewan	Terava Groff
Université de Sherbrooke	Simon Durand
Simon Fraser University	Grace Elizabeth Sherrell
Thompson Rivers University	Samantha Loewen
University of Toronto - Mississauga	Esther Grace Kaye
University of Toronto - Scarborough	Peyton Alexander
University of Toronto - St. George	Erica Liu
Trent University	Christopher Schweighofer
Trinity Western University	Natalie Bruner
Vancouver Island University	Colt Gnech
University of Victoria	Mack Ross
University of Waterloo	Devon Jones
University of Western Ontario	John Patrick Hutchenreuther
Wilfrid Laurier University	no submission / aucune soumission
University of Winnipeg	Anyia Ingram
York University	no submission / aucune soumission

Appendix 8 / Annexe 8

Study Groups / Groupes d'étude

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

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

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

8. **Rural Geography Study Group /
Groupe d'étude en géographie rurale**
Chair / Président : Doug Ramsey, ramsey@brandonu.ca

9. **Canadian Geomorphology Research Group /
Groupe canadien de recherche en géomorphologie**
Chair / Présidente : Jan Franssen, jan.franssen@umontreal.ca

10. **Public Policy Issues Study Group /** *Dissolved / dissous 2017
Groupe d'étude sur les enjeux en politique publique

11. **Geographic Information Science (GIS) Study Group /
Groupe d'étude sur la science de l'information géographique (SIG)**
Chair / Présidente : Victoria Fast, victoria.fast@ucalgary.ca

12. **Geographies of Asia Study Group /
Groupe d'étude en géographies de l'Asie**
Chair / Président: Tom Waldichuk, twaldichuk@tru.ca

13. **Geographic Education Study Group /
Groupe d'étude sur l'éducation géographique**
Co-Chair / Co-présidente : Kelley McClinchey, kmcclinchey@wlu.ca
Co-Chair / Co-présidente : Chantal Déry, chantal.dery@uqo.ca

14. **Diversity, Migration, Ethnicity and Race Study Group /
Groupe de recherche sur la diversité, la migration, l'ethnicité et la race**
Co-Chair / Co-présidente : Sutama Ghosh, sutama@geography.ryerson.ca
Co-Chair / Co-président : Carlos Teixeira, carlos.teixeira@ubc.ca

15. **Historical Geography Study Group /
Groupe d'étude en géographie historique**
Chair / Président : Matt Dyce, m.dyce@uwinnipeg.ca

16. **The Urban Geography Study Group /
Groupe d'étude en géographie urbaine**
Chair / Président : Evan Cleave, evan.cleave@ryerson.ca