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Past-President / Président Sortant
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Joseph Aversa (Ontario)
Janna Wilson (Prairie / Prairies)
Chantal Déry (Québec)
Claire Hay (Western / Ouest)
Celeste Digiovanni (Student / Étudiante)
Leena Lamontagne-Dupuis (Student/Étudiante)

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

Executive Director / Directrice exécutive
Philip Thibault

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

Website / Site web: www.cag-acg.ca
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## Academic Year 2021-2022

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**Note:** footnotes are on the following page iv.
Inscription aux départements de géographie
Année académique 2021-2022

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(a) Combinées catégories BAC et en maj,
(b) DESS en géographie et études environnementales

Footnotes for table on page iii

(1) 11 MA, 28 MSc
(2) Majors / Specializations / Minors combined
(3) 2 Environmental Studies BA
(4) 3 Geography, 5 Environmental Studies BA, 15 Environmental Studies BSc
(5) 4 Geography, 2 Environmental Studies BA, 4 Environmental Studies BSc
(6) 18 MA, 22 MSc
(7) 5 CGIT, 60 MGIS, 9 MA/25 MSc
(8) Combined MA, MSc, and Master of Conservation Leadership
(9) This number includes students from the following Programs – Environmental Earth Science, Environment and Society, Regional and Urban Planning
(10) This number includes students from the following Programs – Environmental Earth Science, Environment and Society, Regional and Urban Planning, Hydrology
(11) Tri-campus: Includes 66 MSc Planning, 34 PhD Planning
Algoma University
Department of Geography, Geology, and Land Stewardship
Sault Ste. Marie, Ontario, P6A 2G4
705-949-2301
Website: https://algomau.ca/academics/programs/geography-geology/

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

Faculty
Professors Emeriti:  
Email Address:
William Osei, Ph.D. (Western Ontario)  
William.Osei@algomau.ca

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

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

Adjunct Professor(s):
Michael Doyle, Ph.D. (Claremont Graduate School/Rancho Santa Ana Botanic Garden)  
mfeehand Doyle@gmail.com

Sessional Faculty:
Cheryl Recollet (Anishinaabe), (McGill).  
Cheryl.Recollet@algomau.ca
Indigenous Knowledge
Environmental Stewardship

¹ Department Chair
Dr. Rebecca Ellis, Ph.D., (Western)  
Animal Geographies  
Political Ecology  

Rebecca.Ellis@algomau.ca

Kim Mihell, (Lakehead)  
Environmental Studies  
People and Environment  

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

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

Faculty

Professors Emeriti:

J. Derek Booth, PhD (McGill) dbooth@ubishops.ca
C. G. Rose, PhD (Clark) crose@ubishops.ca

Professors:

Darren Bardati¹, PhD (McGill) dbardati@ubishops.ca
Sustainable agriculture and food systems
Food and water security
Adaptation to climate change

Norman Jones, PhD (Waterloo) njones@ubishops.ca
Climate change and the Quebec wine industry
Flood hazards in southern Quebec

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

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

Assistant Professor:

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

¹ Chair (Faculty information as of July 1, 2020)
² Tier II Canada Research Chair in Climate and Environmental Change
Lecturers:

Bruno Courtemanche, MSc (Sherbrooke)  bcourtem@ubishops.ca
GIS
Limnology and oceanography
Remote sensing and instrument design

Jennifer Downing, M.Ed. (Bishop’s)  jdowning@ubishops.ca
Sustainable agriculture and food systems
Permaculture design
Urban and community agriculture
Brandon University
Department of Geography and Environment
270-18th Street, Brandon, MB R7A 6A9
(204) 727-9677 (Faculty of Science Admin. Ass’t) — Fax (204) 728-7346
Website: http://www.brandonu.ca/geography/

Department Offers

BA or BSc Environmental Studies Concentration
BA or BSc Geomatics Concentration
BA or BSc Honours

Faculty

Professors Emeriti:                      Email Address:

John Everitt, PhD (UC Los Angeles)       everitt@brandonu.ca
  Human geography, tourism
Rod McGinn, PhD (Manitoba)               mcginn@brandonu.ca
  Hydrology, glacial geomorphology, meteorology

Professor:

Douglas Ramsey¹, PhD (Guelph)            ramsey@brandonu.ca
  Agricultural restructuring
  Rural community well-being
  Rural tourism

Associate Professors:

Derrek Eberts², PhD (York)               ebertsd@brandonu.ca
  Canadian brewing industry
  Tourism impacts
  Downtown revitalization
  Ethnic recreational landscapes

Rachel Herron³, PhD (Queens)             herronr@brandonu.ca
  Rural health
  Aging
  Dementia
  Care and caregiving
  Voluntarism
  Gender and health

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:

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  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:
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  
LGBTQ 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)  
pnackintosh@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

¹ Chair (Faculty information as of July 1, 2019)
Social-ecological systems

Jeff Boggs, PhD (UC Los Angeles)  
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)  
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)  
Sustainable tourism management  
Tourism certification  
Measurement of CSR performance  
CSR reporting in tourism industry

Atsuko Hashimoto, PhD (Surrey)  
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)  
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)  
Climate change  
Northern freshwater landscapes  
Hydrology  
Spatial analysis  
Paleolimnology

Ebru Ustundag, PhD (York)  
Urban geography
Citizenship studies
Feminist geographies
Geographies of sex-work
Geographies of health and addiction
Scholarly activism

Adjunct Professors:

Jayson Childs, PhD (Wilfrid Laurier)  
jchilds@brocku.ca
  Coastal geomorphology
  Aeolian geomorphology
  Water resources
  Geography and education
  Coastal management
Carleton University
Department of Geography and Environmental Studies
1125 Colonel By Drive, Ottawa, ON K1S 5B6
(613) 520-2561 — Fax (613) 520-4301
E-Mail: Chair_Geography@carleton.ca
Website: http://www.carleton.ca/geography

Department Offers

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

Faculty

Distinguished Research Professors:

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

D. R. Fraser Taylor, PhD (Edinburgh)  
International Affairs, Geography and Environmental Studies  
Director, Geomatics and Cartographic Research Centre  
The application of geospatial information management to the analysis of key socio-economic problems in national, international and Indigenous contexts and presentation of findings in innovative Cybercartographic form and publication

Professors Emeriti:


Chancellor's Professor:

Chris Burn, DSc (Durham), P.Geo.  
Permafrost and ground ice  
Physical geography of the Yukon and western Arctic Canada

Professors:

Patricia Ballamzie¹, PhD (Carleton)  
Food policy and food systems governance  
Community-engaged scholarship

¹ Chair (July 1, 2022-June 30, 2023)
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)  
Biometeorology  
Carbon cycling in peatlands and Arctic tundra  
Elyn.Humphreys@carleton.ca

Associate Professors:

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

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

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

Scott Mitchell, PhD (Toronto)  
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  
Scott.Mitchell@carleton.ca

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

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

Murray Richardson, PhD (Toronto)  
Geomatics and environmental geo-computation  
High-resolution landscape analysis  
Northern watershed ecosystems, cold region hydrology and water quality  
Wetlands  
Murray.Richardson@carleton.ca
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)  Derek.A-Smith@carleton.ca
Cultural geography
Local environmental knowledges
Forest use and conservation
Participatory mapping

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

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

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

Assistant Professors:

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)  Koreen.Millard@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:

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

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

Paul Williams, PhD (Queen’s)  
Cultural/historical geography
Post-industrial landscapes
Paul.Williams@carleton.ca

Lecturer:

Meera Karunananthan, MA (Ottawa)  
Feminist political ecology; hydro-social conflicts in the global South;
water justice movements; decolonial and anti-racist praxis
Meera.Karunananthan3@carleton.ca

Adjunct Professors:


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:  
Brian Slack, PhD (McGill)  
Transport geography with a focus on maritime transportation  
Port planning and container shipping  
brian.slack@concordia.ca
Patricia A. Thornton, PhD (Aberdeen)  
Population geography  
Historical Geography of 19th Century Montreal  
Mortality as an indicator of social and environmental justice  
patricia.thornton@concordia.ca

Emeritus Professors:

S. Robert Aiken, PhD (Penn State)  
Tropical deforestation  
Cultural geography  
Developing country environmental issues  
robert.aiken@concordia.ca
Jacqueline M. Anderson, PhD (Wisconsin)  
Cartographic visualization and design  
Map user abilities  
Map skills education  
jackie.anderson@concordia.ca
Max Barlow, PhD (McGill)  
Metropolitan governance  
Political geography  
geogplanenviro@concordia.ca
Leonard Sklar, PhD (California, Berkeley)  
Fluvial, Hillslope, and Tectonic Geomorphology  
Engineering Geology  
Hydrology  
Ecosystem Restoration  
leonnard.sklar@concordia.ca
Professors:

Pascale Biron, PhD (Montréal)  
Hydro-geomorphology and river dynamics,  
River management in agricultural watersheds  
Geographical Information Systems  
Morpho-dynamic numerical modelling  
Stream restoration for fish habitat  
pascale.biron@concordia.ca

Sébastien Caquard, PhD (Saint-Etienne)  
Mapping narratives  
Geomedia and the geoweb  
Geographic information systems  
sebastien.caquard@concordia.ca

Alan E. Nash, PhD (Cambridge)  
Cultural geography  
Restaurants in Montreal  
Gravestones in Iceland and the Caribbean  
alan.nash@concordia.ca

Damon Matthews, PhD (Victoria)  
Climate change  
Global climate modelling  
damon.matthews@concordia.ca

Monica E. Mulrennan, PhD (Dublin)  
Indigenous resource management  
Community-based conservation  
Local adaptation to environmental change  
Protected areas  
monica.mulrennan@concordia.ca

Norma Rantisi, PhD (Toronto)  
Industrial restructuring  
Social economy  
Workforce development  
Hydro-geomorphology and fluvial dynamics  
norma.rantisi@concordia.ca

Associate Professors:

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

Pierre Gauthier, PhD (McGill)  
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  
pierre.gauthier@concordia.ca

Kevin Gould, PhD (British Columbia)  
Political ecology  
Critical geography  
Conservation and development  
Cold War Latin America, Guatemala  
kevin.gould@concordia.ca

Jochen Jaeger, Dr. Sc. Nat. (Zurich)  
Jochen.jaeger@concordia.ca
Landscape ecology
Road ecology
Monitoring of landscape change
Urban sprawl
Ecological modelling
Impact assessment

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

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

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

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

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

Assistant Professors:

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

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

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

**Affiliate Professors:**

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

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

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

Amy Luers, PhD (Stanford) amyluers@microsoft.com
Global Sustainability
Climate & Resilience
Big Data & AI

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

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

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

Professors:

Sarah Bonnemaison, PhD (British Columbia)  
School of Architecture  
Architecture and temporary urbanism of festivals; commemorative architecture; vernacular landscapes; design of interactive exhibition

Ahsan Habib, PhD (Toronto)  
School of Planning and Department of Civil and Resource Engineering  
Travel behaviour modelling; transportation-land use interactions; travel demand forecasting; microsimulation of urban systems; physical activity; road safety

Patricia Manuel, PhD (Dalhousie)  
School of Planning, cross-appointed in Marine Affairs Program and in School of Occupational Therapy  
Climate change adaptation planning for coastal regions; coastal community planning; marine spatial planning; social vulnerability and climate change; watershed planning; wetland policy and planning

Associate Professors:

Eric Rapaport, PhD (RIT, Stockholm)  
School of Planning  
Climate change adaptation planning; environmental and land use change using spatial analysis technology; visualization for planning applications; sustainable infrastructure planning; multiple criteria evaluation in environmental planning

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

Professors:

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

Associate Professors:

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

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

Faculty of Health

Professors:

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

Faculty of Management

Professor Emeriti:

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

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

Professors:

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

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

Assistant Professors:

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

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

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

Instructors:

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

Lecturers:

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

Adjunct Instructors:

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

Faculty of Science

Associate Professors:

Claudio Aporta, PhD (Alberta)  claudio.aporta@dal.ca
Marine Affairs Program
(on leave to World Maritime University, Professor, Canadian Chair Marine Environmental Protection)
Inuit use of the Northwest Passage; spatial perception; anthropology of place and space; anthropology of marine environments; coastal and urban development; cartographic representation; geospatial databases

Megan Bailey, PhD (British Columbia)  
megan.bailey@dal.ca

Marine Affairs Program
Global seafood sustainability, fisheries economics, marine governance, global cooperation, transboundary fisheries, fisheries allocation, equity

Shannon Sterling, PhD (Duke)  
shannon.sterling@dal.ca

Department of Earth and Environmental Sciences
Human impacts on global water cycle; surface water hydrology; impacts of land cover change on hydrologic systems and sediment transport

Assistant Professors:

Hannah L. Harrison, PhD (Norway)  
hannah.harrison@dal.ca

Marine Affairs Program
Human dimensions of fisheries; Great Lakes commercial fisheries; stocking and hatcheries; fisheries conflicts; fisheries landscapes and climate change

Lawrence Plug, PhD (Alaska)  
lplug@dal.ca

Department of Earth and Environmental Sciences
Geomorphology

Instructors:

Christopher Greene, PhD (Ryerson)  
csgreene@dal.ca

Department of Earth and Environmental Sciences
Geographic Information Science / Systems; Environmental Applications of Remote Sensing; Environmental Decision-Making; Urban Forestry

Amy Mui, PhD (Toronto)  
amy.mui@dal.ca

Department of Earth and Environmental Sciences
Environmental remote sensing; GIS applications; threatened species habitat mapping; landscape connectivity modeling; biodiversity assessment

Sessional Instructors:

Amy Siciliano, PhD (Toronto)  
amy.siciliano@dal.ca

Department of Earth and Environmental Sciences
Urban and social geography, environmental geography, cartography

GIS Centre, University Libraries

Lecturers:

James Boxall, MLIS/MA (Dalhousie)  
james.boxall@dal.ca

Department of Earth and Environmental Sciences; School of Planning; Marine Affairs Program
Geospatial information management; geosurveillance; volunteered geographic information; GIScience; GIS
Kwantlen Polytechnic University
Department of Geography and the Environment
12666 72 Avenue, Surrey, BC V3W 2M8
604-599-2000
Website: https://calendar.kpu.ca/programs-az/arts/geography/

Department Offers

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

Faculty

Email Address:

Leonora King, PhD (UBC)  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
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

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\(^2\) Chair (Faculty information as of July 1, 2021)  
\(^3\) Cross-appointed with Anthropology
McGill University
Department of Geography
805 Sherbrooke Street West, Montreal, QC H3A 0B9
(514) 398-4111 — Fax (514) 398-7437
Email: nigel.roulet@mcgill.ca
Website: http://www.geog.mcgill.ca

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

Department Offers

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

Faculty

Professors Emeriti:

Tim Moore, PhD (Aberdeen)
Email Address: tim.moore@mcgill.ca
Biogeochemistry and ecology of peatlands: the influence of disturbance, land use change, and climatic change
Cycling of carbon, nitrogen, and nutrients in ecosystems: ecological stoichiometry
Soils and global change
Detection of graves by trace gases

Sherry Olson, PhD (John Hopkins)
Email Address: 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)
Email Address: 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)
Email Address: 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)
Email Address: gail.chmura@geog.mcgill.ca
Wetland dynamics
Biogeochemistry of tidal wetlands: particularly blue carbon (the carbon stored in salt marshes and mangroves) and greenhouse gas flux
Paleo-environmental reconstruction, particularly of coastal systems
Research programs on coasts of Canada, examining responses of salt marshes and estuaries to variations in sea level, climate, nutrient enrichment, and anthropogenic disturbance

Oliver Coomes, PhD (Wisconsin-Madison) oliver.coomes@mcgill.ca
Floodplain agriculture and flood risk along Amazonian rivers
Peasant adaptation to abrupt environmental change
Poverty, livelihoods, and resource conservation in neotropical forests
Seed exchange among peasant farmers in Amazonia

Nigel Roulet¹, PhD (McMaster) nigel.roulet@mcgill.ca
Eco hydrology and biogeochemistry of forested and wetlands ecosystems
The carbon biogeochemistry of production peatlands and the use of peat
Large-scale peatland dynamics: Hudson Bay Lowland
Modelling of the development, vegetation dynamics, and carbon and nitrogen cycles of northern peatlands in natural and restored settings
Peatlands as complex adaptive systems: patterns and process through time and over space

Sarah Turner, PhD (Hull) turner@geog.mcgill.ca
Livelihoods in upland Southeast Asia and southwest China
Ethnic minority groups in the Sino-Vietnamese borderlands
Informal trade in urban Southeast Asia
Upland small cities and migration in Asia

Jon Unruh, PhD (Arizona) jon.unruh@mcgill.ca
Carbon sequestration in woody biomass projects, Africa
Change in resource use process and pattern of pastoralists in East Africa
Customary, indigenous, traditional land law
Environmental change and land rights
Food security and famine, Africa
Legal geography and the intersection of statutory and customary law
Migration and environmental change
Postwar land and property rights
Small-scale agriculture in the developing world
The peace process in the developing world

Associate Professors:

Genevieve Ali, PhD (University of Montreal) geneivieve.ali@mcgill.ca
Watershed hydrology and ecohydrology
Landscape controls on runoff generation and water and contaminant connectivity
Water-tracing studies
Complex forested and agricultural systems
Environmental modelling

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

Mylene Riva, PhD (University of Montreal) mylene.riva@mcgill.ca
Health geography
Social and environmental determinants of health
Housing
Energy poverty
Place effects on health
Indigenous Peoples’ health
Population health intervention research
Quantitative and mixed methods
Brian Robinson, PhD (Wisconsin-Madison)  brian.e.robinson@mcgill.ca
Environment and development, institutions, ecosystem services, livelihoods, spatial interactions between people and resources, China
Raja Sengupta, PhD  raja.sengupta@mcgill.ca
(Southern Illinois University-Carbondale)
GIS, Geographic Information Science (GISci), Spatial Decision Support Systems, (SDSS), software agents, application to spatial epidemiology, payments for environmental services, and water management
Renée Sieber, PhD  renee.sieber@mcgill.ca
(Rutgers)
GeoAI and public participation, GeoAI Ethics
Geospatial ontologies in indigenous communities
Public participation Geographic information Systems (GIS)/participatory GIS in marginalized communities, community based organizations, environmental/conversation movements, and social movement groups
Natural language processing and social media in climate change and meteorology
Citizen Science

Assistant Professors:

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

Grant McKenzie, PhD (UC Santa Barbara)  grant.mckenzie@mcgill.ca
Geographic Information Science
Quantitative dimensions of Place and Space
Geospatial privacy and security
Human mobility patterns and trajectory analysis
Darius Scott PhD (UNC-Chapel Hill)  darius.scott@mcgill.ca
Black geographies
Stigma, belonging, and social difference in United States
Oral history and qualitative methods
Social determinants of health

Christian von Sperber, PhD (ETH Zurich)  chris.vonsperber@mcgill.ca
Biogeochemical cycling of phosphorus and nitrogen in soils
Stable isotopes of C, N and O as tracers in environmental systems
The effect of land-use changes on soil-nutrient pools
McMaster University
School of Earth, Environment & Society
1280 Main Street W., General Science Bldg. - 206
Hamilton, ON L8S 4K1
(905) 525-9140 ext. 23535 — Fax (905) 546-0463
Email: ssantos@mcmaster.ca
Website: https://www.science.mcmaster.ca/ees/

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

Faculty

Professors: Email Address:

Mohammed Altaf Arain, PhD (Arizona) arainm@mcmaster.ca
Air pollution, climatology
Evapotranspiration
Forest carbon and water cycles
Global climate models
Hydrometeorology and biometeorology

Janok Bhattacharya, PhD (McMaster) bhattaj@mcmaster.ca
3D facies architecture of shallow marine
Paralic, fluvial depositional systems
Sequence stratigraphy

Sean Carey, PhD (McMaster) careysk@mcmaster.ca
Cold regions
Hydrology, biometeorology
Landscape disturbance
Reclamation

Vera A. Chouinard*, PhD (McMaster) chouinar@mcmaster.ca
Disability in the Global South
Emotions and diversity in the Occupy movement
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Geographies of disability
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The inclusion and exclusion of women in northern Canadian communities

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Gender and work
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Department Offers

Mount Royal University is a 100+ year institution focused on 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.

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- Conflict management and public consultation in real estate planning
- Real estate decision-making and investment strategy
- Transportation infrastructure development and public-private collaboration

Rachael Baker (She/They), PhD (York) rachael.baker@queensu.ca
- Critical race feminisms
- Insurgent and activist planning
- Housing inequality and struggle
- Reflexive and redistributive praxis
- Decolonial and anti-racist futures
- Qualitative feminist methods

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

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

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

Christopher Omelon, PhD (Toronto) c.omelon@queensu.ca
Microbial/aqueous geochemistry
Geomicrobiology
Hydrogeology
Microbialites
Endolithic habitats
Polar landscapes
Climate change
Carolyn Prouse, PhD (UBC)  carolyn.prouse@queensu.ca
Anticolonial urbanism
Social reproduction
Political ecology
Critical race feminism
Bioeconomies
Infrastructure
Mark Stoller, PhD (UBC)  mark.stoller@queensu.ca
Historical and political geographies of northern Canada
Youth research
Land claims
Nunavut and Northwest Territories
Laura Thomson, PhD (Ottawa)  l.thomson@queensu.ca
Glacier monitoring
Arctic climate
Ice dynamics
Glacier mapping (photogrammetry, remote sensing)
Ice-penetrating radar
Robert G. Way, PhD (Ottawa)  robert.way@queensu.ca
Physical geography
Climatology
Northern studies
Cryospheric sciences
Geophysics
Numerical modelling
Remote sensing
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Department Offers
BA, BSc, MA in Geography; BES in Environmental Studies; and contributes courses and
thesis supervision in Masters in Applied Science, Masters in Atlantic Canada Studies,
PhD in Applied Science and PhD in IDS programs.

Faculty

Professors Emeriti:
Robert J. McCalla, PhD (Hull)
Hugh Millward, PhD (Western Ontario)

Professors:
Catherine Conrad, PhD (Wilfrid Laurier)  cconrad@smu.ca
Sub-Saharan Africa: Irregular migration
Climate change and environmental migration
Perceptions of climate change and environmental change

Philip Giles¹, PhD (Calgary)  philip.giles@smu.ca
Morphology of alluvial fans
Morphometric analysis of digital elevation models
Analysis of remotely-sensed images for geomorphological interpretation

Cristian Suteanu, PhD (Bucharest)  cristian.suteanu@smu.ca
Environmental system analysis and modeling: climate variability, natural hazards,
renewable energy
Information processes in environmental systems

Danika van Proosdij, PhD (Guelph)  dvanproo@smu.ca
Coastal climate change vulnerability assessment and adaptation
Coastal geomorphology and morphodynamics
Natural Infrastructure
Saltmarsh biophysical processes
Geomatics and remotely piloted aircraft systems

¹ Chairperson
Associate Professors:

Jason Grek-Martin, PhD (Queen’s)                                      jason.grekmartin@smu.ca
  Sites of difficult heritage and contested memoryscapes
  Historical and cultural geographies of tourism in Nova Scotia and beyond
  Nature, place, and meaning in Halifax parks
  Survey science and statecraft in the 19th-century Canadian West

Min-Jung Kwak, PhD (British Columbia)                                   min-jung.kwak@smu.ca
  Globalization and transnational migration
  International education industry
  Immigrant entrepreneurship
  Immigrant health care services

Mathew Novak, PhD (Western Ontario)                                      m.novak@smu.ca
  Urban planning and development
  Retail geography
  The built environment/urban morphology

Adjunct Professors:

Peter Bush, PhD (Western Ontario)                                        peter.bush@smu.ca
  Landscape ecology
  Old-growth forests
  Geomatics
  Protected areas

Karen Harper, PhD (Alberta)                                              karen.harper@smu.ca
  Plant biogeography
  Forest edges
  Landscape heterogeneity
  Spatial pattern analysis

Khan Rahaman, PhD (Tokyo; Calgary)                                       khan.rahaman@smu.ca
  Climate change modeling, impacts, and vulnerability assessment
  Application of GIS and remote sensing in local warming modeling, disaster
  impacts and management
  Environmental management, sustainability, and urban health
  Urban built environment, pedestrianization, and non-motorized transportation
  planning

HM Tuheedur Rahman, PhD (McGill)                                         hm.rahman@mail.mcgill.ca
  Climate vulnerability and adaptation
  Sustainable natural resource management
  Nature-based solutions
  Sustainable rural development

Kate Sherren, PhD (Australian National)                                  kate.sherren@dal.ca
  Rural social science
  Sustainability transitions
  Landscape change
  Visual and spatial methods
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Department Offers  
BA, BSc, BEnv, MA, MSc, PhD  

Faculty  

Professors Emeriti:  

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

Professors:  

Nicholas Blomley, PhD (Bristol)  
   Law  
   Space and power  
   Property and space  
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Tracy Brennand¹, PhD (Alberta)  
   Application of shallow geophysical surveys to geomorphic problems  
   Glacial geomorphology and sedimentology  
   Paleoenvironmental change  
   Paleoglaciology  
   Paleohydrology  
   Quaternary environments  
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Valorie Crooks, PhD (McMaster)  
   Disability and chronic illness  
   Medical tourism  
   Palliative health and social care  
   Primary health care  
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Suzana Dragicevic, PhD (Montreal)  
   GIS and GIScience  
   Modeling spatial dynamic processes  
   Complex systems, AI and soft computing  
   Modeling land use and land cover changes  
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¹ Chair
Peter Keller, PhD (Western Ontario)  
cpkeller@sfu.ca  
Spatial analysis and decision support  
Geographic Information Sciences  
Health Geography  
Tourism  
Paul Kingsbury, PhD (Kentucky)  
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Cultural Geography  
Psychoanalysis  
Social theory  
Paranormal cultures  
Lance Lesack, PhD (UC Santa Barbara)  
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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)  
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Spatial epidemiology  
Health geography  
Critical GIScience  
GIS  
Ontologies  
Kirsten Zickfeld, PhD (Potsdam)  
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Climate science  
Earth system modeling  
Climate-carbon cycle feedbacks  
Carbon budgets  
Carbon dioxide removal  

Associate Professors:  
Rosemary Collard, PhD (British Columbia)  
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Political ecology  
Feminist political economy  
Capitalism  
Wildlife management  
Biodiversity loss  
Nick Hedley, PhD (Washington)  
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Augmented reality  
Cartography
Geographic information science
Geospatial interface research
Geospatial virtual environments
Geovisualization
Serious games for geospatial applications
Spatial cognition

Sharon Luk, PhD (University of Southern California) skluk@sfu.ca
Racial geographies
Carceral and abolition geographies
Cultural Studies
Social justice movements and theory

Margaret Schmidt, PhD (British Columbia) margaret_schmidt@sfu.ca
Soil Science
Digital and predictive soil mapping
Forest soils/forest ecology
Soil-plant relationships

Assistant Professors:

May Farrales, PhD (British Columbia) may_farrales@sfu.ca
Queer geographies
Racial geographies
Diaspora and migration

William (Jesse) Hahm, PhD (UC – Berkeley) whahm@sfu.ca
Hydrology
Geomorphology
Forest ecology

Bing Lu, PhD (Toronto) b_lu@sfu.ca
Remote sensing
Ecosystem modelling
Coastal dynamics
Environmental change
Spatial analysis

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Racial geographies
Social justice movements
Urban and cultural geographies
Decolonial geographies

University Lecturer:

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Spatial Information Science
Quantitative Geography
Spatial Decision Making
Senior Lecturer:

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

Lecturers:

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

Associate Members:

Martin Andresen, PhD (British Columbia) andresen@sfu.ca
Applied spatial statistics
Spatial crime analysis
Crime and place
Yildiz Atasoy, PhD (Toronto) yatasoy@sfu.ca
Global political economy
Political sociology
State restructuring
Social change and development
Political economy of agrifood systems
Neo-liberal urbanism
Clint Burnham, PhD (York University) clint_burnham@sfu.ca
Cultural Studies
Psychoanalytic theory
Contemporary poetry
Pascal Haegeli, PhD (British Columbia) phaegeli@sfu.ca
Avalanche risk management
Backcountry recreation
Risk communication
Climate change
Peter Hall, PhD (UC Berkeley) pvhall@sfu.ca
Port cities
Logistics
Employment
Community development
Urban economies
Kirsten McAllister, PhD (Carleton) kmcallis@sfu.ca
Racialization, anti-colonialism and political violence
Memory Studies
Visual Studies
Refugee Studies
Japanese Canadian Internment
Autoethnography
Kendra Strauss, PhD (Oxford)  kstrauss@sfu.ca
  Labour geography
  Economic geography
  Feminist political economy
  Social reproduction
  Legal geography
  Pensions
Joseph E. Taylor III, PhD (Washington)  taylorj@sfu.ca
  Environmental history of fisheries
  Recreation
  Gentrification
  Outdoor sports
  Public lands

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
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Department Offers
BA and BSc in Environmental Studies, Geography minor only

Faculty

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

Professor:

Vern Peters, PhD (Alberta)  
Email Address: vern.peters@kingsu.ca
Cross-Appointed with Biology
Reproductive ecology of conifers
Conservation biology of high elevation pines and the Clarke’s nutcracker
Fire ecology of boreal, montane, and subalpine ecosystems

Associate Professor:

Joanne M. Moyer, PhD (Manitoba)  
Email Address: joanne.moyer@kingsu.ca
Environmental sustainability within faith communities
Learning for sustainability (Transformative Learning Theory)
Community-based sustainability initiatives, public participation, and governance

Assistant Professor:

Adrian Beling, PhD (Humboldt – Berlin)  
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Cross-Appointed with Sociology
Sustainability transition: theory, agents, conditions
Politics, society, and culture in sustainability governance theory
Civil society, religion & church and the public sphere
Social-ecological sustainability discourses

Work Integrated Learning Coordinator (ENVS):

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

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

Faculty

Professors:                      Email Address:
Darryl Carlyle-Moses, PhD (Toronto)  dcarlyle@tru.ca
Ecohydrology
Micrometeorology
Urban hydrology and meteorology

David Hill, PhD (Illinois at Urbana-Champaign)  dhill@tru.ca
Data mining
Environmental sensing
Spatiotemporal modelling
Natural resource management

Michael Mehta, PhD (York)  mmehta@tru.ca
Air quality
Citizen science
Risk
Renewable energy
Sustainability

Associate Professors:

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)  
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Periglacial geomorphology  
Web atlas development  
Augmented reality field trips for the geosciences

University Instructor:

Kim Naqvi, PhD (Wilfrid Laurier)  
Knaqvi@tru.ca  
Sustainable development theory and practice  
Changing economic and cultural landscapes  
Colonial and post-colonial geography  
The Americas
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Department of Geography & Environmental Studies
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416-979-5038 — Fax 416-979-5362
Website: https://www.torontomu.ca/geography/

Department Offers

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

Associated Interdisciplinary Programs

MSc (Data Science and Analytics), 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:  

Michal Bardecki, PhD (York, Canada)  
Sustainable fashion  
Environmental education  
Nepal  
Valuation of wetlands and wetlands management  

Harald Bauder¹, PhD (Wilfrid Laurier)  
Critical border studies  
Critical geographic practice  
Immigration in Canada and Germany  
Sanctuary and solidarity cities  

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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)  c Oswald@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 Cleave, PhD (Western Ontario)    evan.cleave@ryerson.ca
Place branding and marketing
Local economic development planning, policymaking, and practice
Talent, migrant, and business attraction and retention
Patterns and impacts of the changing manufacturing landscape of Ontario

Greg Oulahen, PhD (Western Ontario)    greg.oulahen@ryerson.ca
Human-environment interaction
Hazards, Flood
Risk, vulnerability
Climate change adaptation

Christopher Wellen, PhD (Toronto)      christopher.wellen@ryerson.ca
Watershed hydrology and biogeochemistry
Watershed modelling and analysis
Environmental statistics and uncertainty analysis
Agroecosystem hydrology and water quality
Urban hydrology and water quality

Acting Assistant Professors:

Anne Spice, PhD Candidate (City University of New York)    aspice@ryerson.ca
Indigenous land defense and queer Indigenous feminism
Resource extraction and settler colonialism
Climate change, environmental racism, colonial toxicity

Madeline Whetung, PhD Candidate (UBC - Vancouver)    madeline.whetung@ryerson.ca
Decolonization, gender, race, law, and violence
Violence and harm across multi-scalar, intercultural, and interethnic queer relationships

Contract Lecturers:

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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

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  Geographic Information Systems/Science
  GIS Programming
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  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:
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Haiqing Xu, PhD (Sheffield) haiqing.xu@ryerson.ca

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  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
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:  

Alan G. Brunger, PhD (Western Ontario)  
Heritage landscapes and regions – recording and interpretation
Historical geography of Ontario

James Buttle, PhD (Southampton)  
Forest hydrology
Hydrological effects of land use change
Solute transport in the unsaturated zone

Steven E. Franklin, PhD (Waterloo)  
Remote sensing, environmental management, habitat and biodiversity mapping

Frederick M. Helleiner, PhD (Western Ontario)  
History of the Dee Estuary, England

Peter M. Lafleur, PhD (McMaster)  
Atmosphere-biosphere energy exchange on arctic tundra ecosystems
Energy water and carbon fluxes from boreal wetlands

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

George A. Nader, PhD (Durham)  
A History of the Syrian-Lebanese Community in Trinidad and Tobago

Colin H. Taylor, PhD (McGill)  

Professors:

James Buttle, PhD (Southampton)  
Forest hydrology
Hydrological effects of land use change
Solute transport in the unsaturated zone

Steven E. Franklin, PhD (Waterloo)  
Remote sensing, environmental management, habitat and biodiversity mapping

Frederick M. Helleiner, PhD (Western Ontario)  
History of the Dee Estuary, England

Peter M. Lafleur, PhD (McMaster)  
Atmosphere-biosphere energy exchange on arctic tundra ecosystems
Energy water and carbon fluxes from boreal wetlands

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

George A. Nader, PhD (Durham)  
A History of the Syrian-Lebanese Community in Trinidad and Tobago

Colin H. Taylor, PhD (McGill)  

M. Catherine Eimers, PhD (Waterloo)   ceimers@trentu.ca
  Water quantity and quality
  Soil biogeochemistry
  Hydroclimatic change
  Landuse change

Cheryl L. McKenna Neuman, PhD (Queen’s)   cmckneuman@trentu.ca
  Aeolian bedforms
  Mechanics of sediment transport
  Wind tunnel simulation of aeolian processes and dust emission

Heather N. Nicol, PhD (Queen’s)   heathernicol@trentu.ca
  Economic development and regionalism in Canada
  Geopolitics and security in the Circumpolar North
  Geopolitics of Canada’s Cuban foreign policy
  Neoliberalism, globalization and Caribbean integration
  North American borders post-9/11

Mark W. Skinner, PhD (Queen’s)   markskinner@trentu.ca
  Geographies of aging and geographical gerontology
  Geographies of voluntarism (case studies, discourse, policy, theory)
  Health geography (community care, health services, older populations)
  Rural aging and aging rural communities (Canada, international)

**Associate Professors:**

Roger M. Picton, PhD (Toronto)   rogerpicton@trentu.ca
  Craft brewing and brewing post-industrial redevelopment
  Fieldwork and pedagogy in human geography
  Waterfront planning in small mid-sized cities
  Post-industrial redevelopment

Raul Ponce-Hernandez, D Phil (Oxford)   rponce@trentu.ca
  Applications of remote and proximal sensing to natural resource assessment
  Dynamic simulation and spatial modelling of soil properties and of climate change impacts
  Farming systems and precision agriculture
  GIS applications to land and watershed resources inventories and assessment.

Susan E. Wurtele, PhD (Queen’s)   swurtele@trentu.ca
  Canadian immigration policy and immigrant assimilation
  Children’s geographies
  Historical geography of the Canadian Prairies
  Immigrant handicrafts and folk culture in Canada
  Urban transportation and environmental sustainability

**Assistant Professors:**

Ian M. Power, PhD (Western Ontario)   ianpower@trentu.ca
  Carbon dioxide mineralization and sequestration
  Enhanced rock weathering for CO₂ removal
  Geochemical and geomicrobial processes within mine wastes
  Natural analogues for inorganic carbon storage
Trinity Western University
Department of Geography and Environment
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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: 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 Ofosuhene, PhD (Saskatoon)  
Community/regional development strategies  
Rural and urban home-based business  
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Land Use Planner  
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Senior Policy and city Planner  
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*Adjunct Faculty:*

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Sustainable cities  
Active transportation  
Time geography  
Physical activity  
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*Staff:*

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Liz Robertson (Executive Assistant)  
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4 Department Co-Chair
Le département n’offre

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

Personnel enseignant (Edmundston, Moncton, Shippagan)

Professeurs titulaires :  

Guillaume Fortin¹, Ph. D. (INRS)  
Adresse électronique : 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)  
Adresse électronique : serge.jolicoeur@umoncton.ca  
Réponse des marais maritimes du Littoral acadien à la hausse relative du niveau marin projetée au XXIᵉ 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)  
Adresse électronique : andre.j.robitaude@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 Vincent¹⁻³, 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
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  
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Pierre J.H. Richard, PhD (Montpellier) 
Phytogeography / Paleoecology  
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André Roy PhD (SUNY-Buffalo) 
Fluvial geomorphology  
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Professeurs titulaires :
François Cavayas, PhD (Laval) 
Remote sensing 
GIScience  
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François Courchesne PhD (McGill) 
Soil science 
Biogeochemistry  
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Daniel Fortier PhD (Laval) 
Cold regions geomorphology  
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Patricia M. Martin, PhD (Colorado) 
Development 
Gender 
Political violence 
Latin America  
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Professeurs agrégés :
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Biogeosciences 
Paleoecology 
Geographies of fire 
Disturbance ecology  
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Kathryn Furlong, PhD (UBC) 
Canada Research Chair in Water and Urbanization  
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Francois Girard, PhD (Laval) 
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GLScience
Biogeography
Forestry
Nicole Gombay, PhD (Queen’s) nicole.gombay@umontreal.ca
Economic geography
Indigenous geographies
Violaine Jolivet, PhD (Sorbonne) violaine.jolivet@umontreal.ca
Urban geography
Mobility
Caribbean
James Stephen King, PhD (Guelph) js.king@umontreal.ca
Aeolian geomorphology
Arid regions
Liliana Perez, PhD (Simon Fraser) l.perez@umontreal.ca
GIScience,
Complexity theory
Forest dynamics
Sébastien Rioux, PhD (York) s.rioux@umontreal.ca
Canada Research Chair in the political economy of food and well-being
Oliver Sonnentag, PhD (Toronto) oliver.sonnentag@umontreal.ca
Canada Research Chair in Atmospheric biogeosciences at high latitudes
Julie Talbot¹, PhD (McGill) j.talbot@umontreal.ca
Biogeography
Environmental change
Modeling
Luna Vives, PhD (British Columbia) luna.vives@umontreal.ca
International migration
Borders

Professeurs adjoints :

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

Professeurs associés :

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

¹ Directrice (information sur la Faculté, Juin 2022)
Programmes d'études offerts

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

Département de géomatique appliquée

Professeurs titulaires :

Richard Fournier, PhD (Laval)
Richard.Fournier@USherbrooke.ca

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

Kalifa Goïta, PhD (Sherbrooke)
Kalifa.Goita@USherbrooke.ca

- Télédétection, SIG et risques environnementaux (inondations, feux de forêts, dégradation du milieu)
- Télédétection micro-ondes (hydrologie du couvert nival, végétation, état des routes, changements climatiques)
- Altimétrie par télédétection (Topographie, hauteur du couvert végétal, biomasse)
- SIG, télédétection très haute résolution et mise à jour cartographique (cadastre, cartographie topographique)
- Détection et analyse des changements à long terme
Yannick Huot, PhD (Dalhousie)
Yannick.Huot@USherbrooke.ca
- Écophysiologie du phytoplancton
- Télédétection de l'océan

Alexandre Langlois, PhD (Manitoba)
Alexandre.Langlois2@USherbrooke.ca
- Télédétection optique et radar
- Géomatique et géorisques
- Géomatique et changements climatiques
- Régions polaires et manteau neigeux

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

Jérôme Théau, PhD (Laval)
Jerome.Theau@USherbrooke.ca
- Détection et inventaire faunique
  - Traitement d’imagerie à très hautes résolutions par réseaux de neurones convolutifs
  - Méthodes d’inventaire de la grande faune par imagerie
- Caractérisation des habitats fauniques
  - Distribution et disponibilité des ressources
  - Qualité des habitats et indicateurs environnementaux
  - Effets des pratiques de gestion sur l’état des écosystèmes
  - Fragmentation du paysage
- Caractérisation des services écologiques
o Cartographie spatio-temporelle des services écologiques
o Services écologiques liés aux milieux humides et hydriques
• Évaluation de l’efficacité des réseaux d’aires protégées

Professeur agrégé :
Yacine Bouroubi, PhD (Montréal)
Yacine.Bouroubi@USherbrooke.ca

• Télédétection et traitement d’images
• Analyse et modélisation spatiale
• Bases de données à référence spatiale
• Géolocalisation et cartographie

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

Samuel Foucher, PhD (Sherbrooke)
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□ Sciences des données géospatiales
□ Cubes de données
□ Apprentissage profond appliqués aux graphes
□ Traitement de l’imagerie RSO
□ Polarisimétrie radar
□ Standards en géomatique

Mickaël Germain, PhD (Sherbrooke)
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□ Systèmes d’information géographique (SIG)
□ SIG et cartographie Web
□ Bases de données géospatiales
□ Apprentissage machine et apprentissage profond appliqués à la géomatique
□ Mathématiques appliquées à la géomatique

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

1er cycle : Baccalauréat en géographie et aménagement durable, certificat en géographie et certificat en coopération internationale.
2e cycle : Maîtrise en études et interventions régionales et maîtrise en ressources renouvelables.
3e cycle : Doctorat en développement régional et doctorat en sciences de l'environnement.

Faculté

Professeurs :

Maxime Boivin, PhD (UQAR & ENS-Lyon) 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
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Courriel secrétariat : dept.geographie@uqam.ca
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Programmes d’études offerts

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

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

Faculté

Professeurs :

Mario Bédard
Épistémologie
Géographie culturelle
Géographie régionale
Paysage
Sens du lieu
Territorialité
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Stéphane Bernard
Géographie des systèmes agraires
Réformes foncières
Systèmes agricoles alternatifs
Souveraineté alimentaire
Environnement
Expansion agricole/déforestation
Démondialisation des territoires
Résilience socio écologique
Asie du Sud-Est, Indonésie, Malaisie
Développement
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Étienne Boucher
Climatologie et météorologie
Dendrochronologie
Eau et environnement
Géomorphologie fluviale
Paléoclimatologie
Paléohydrologie
Risque hydro et glaciaire
Sciences de la terre

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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

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Systèmes d’information géographique
Télédétection

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Cartographie des formations superficielles
Géographie humaine
Géomorphologie glaciaire
Paléogéographie quaternaire
Sciences de la terre

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Développement local et régionale
Aménagement du territoire
Milieux ruraux

Philippe Gachon
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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
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Biogéographie
Dynamique des écosystèmes
Dynamique du carbone
Impact des changements climatiques
Milieux tourbeux
Reconstitution des écosystèmes anciens

Daniel Germain
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Avalanches de neige
Climatologie et météorologie
Géographie humaine
Gestion des risques
Glissements de terrain
Mouvements gravitaires
Prévention des risques
Risques naturels
Sciences de la terre

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Cohabitation interculturelle
Développement territoriale
Géographie humaine du Nord
Géographie rurale
Innovations sociales
Études autochtones
Migrations rurales et nordiques

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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

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Développement local
Économie de la culture
Géographie humaine
Sociologie

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Démocratie locale et participative
Développement local
Études urbaines
Géographie humaine
Géographie sociale
Gouvernance territoriale
Mouvement urbain
Planification et gestion urbaines
Science politique

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Aménagement du territoire
Études urbaines
Géographie humaine
Géographie urbaine
Gestion des risques
Grands projets urbains
Planification territoriale
Tourisme
Urbanisme

Yann Roche  
Asie du Sud-Est  
Cartographie  
Environnement  
Géopolitique du sport  
Laos  
Ressources naturelles  
Sociologie  
Thaïlande  
Vieillissement et santé

Nicole Sanderson  
Dynamique du carbone  
Impact des changements climatiques  
Milieux tourbeux  
Reconstitution des écosystèmes anciens  
Méthodes de datation (Pb210)

Catherine Trudelle  
Activité conflictuelle  
Conflits urbains  
Environnement  
Études urbaines  
Géographie humaine  
Gouvernance locale  
Humanisation de la ville  
Sociologie

Jean-Philippe Waaub  
Agendas 21 locaux  
Aide à la décision  
Changements climatiques  
Développement  
Environnement  
Études d'impacts  
Évaluation environnementale  
Évaluation stratégique  
Modélisation de l'énergie  
Modélisation de l'environnement  
Participation publique

Professeurs associés et substituts :

Taïka Baillargeon  
Mustapha Kebiche  
Serge Occhietti  
Ursule Boyer-Villemaire  
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Maxime Julien Désirat
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Risques naturels

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Programmation et automatisation

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Changements climatiques

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Risques naturels

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Géomorphologie

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Hussein Wazneh  
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**Personnel professionnel et technique**

**Technicien en cartographie :**

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Animateur pédagogique / Coordonnateur des stages :
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Université du Québec à Rimouski
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418 723-1986, poste 1616 (géographie)
Site web : https://www.uqar.ca/etudes/etudier-a-l-uqar/programmes-d-etuades/7756

Programmes d’études offerts

1er cycle : Mineure en géographie, Majeure en géographie, Programme court en Environnement, géomorphologie et risques naturels, Baccalauréat en géographie – concentration Environnement, géomorphologie et risques naturels, Baccalauréat en géographie – concentration Environnement marin, Baccalauréat en géographie – concentration Écogéographie, Baccalauréat en géographie – concentration, Aménagement du territoire et développement durable, Baccalauréat en géographie – Cheminement Général
Cycles gradués : Diplôme d’études spécialisées en Analyses et Prévention des Risques Naturels (DESS), Maîtrise en géographie, Doctorat en Sciences de l’environnement

Faculté

Professeurs titulaires :

Simon Bélanger1, PhD (Pierre et Marie Curie) simon_belanger@uqar.ca
Télédétection environnementale
Amélioration des techniques de télédétection optique des propriétés des eaux par satellite
Impacts du changement climatique sur les environnements côtiers arctiques et subarctiques
Étude des flux biogéochimiques continent-ocean 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 glaciaires dans les cours d'eau
Évaluation des bilans sédimentaires et ligneux dans les systèmes fluviaux

1 Directeur du module (1er 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  
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Programmes d’études offerts

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

Faculté

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Hydroclimatologie  
Géomorphologie fluviale  
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Biosuivi de la qualité de l’eau  
Restauration des rivières  
Gestion intégrée de l'eau par bassin versant  
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Cryosphère  
Hydrologie des bassins englacés et enneigés  
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Systèmes information géographique  
Géographie de la santé  
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Télédétection micro-onde des milieux froids  
Changements climatiques  
Modélisation hydrologique et biogéophysique  
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Chargés d’enseignement :

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Programmes d’études offerts

Programmes de 1er 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 2e 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 : 

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Climatologie
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Géographie historique du Nord
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  Quaternaire  
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  Dendroécologie  
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  Géographie du transport  
  Géographie urbaine  
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Patrimoine urbain  

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

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

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

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

Professeurs adjoints:

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Développement durable  
Foresterie sociale  
Agroforesterie  
Foresterie internationale  
Aménagement territorial  

Marc-André Bourgault, PhD (UQAM)  
Écohydrologie  
Risques naturels  
Changements climatiques  

Justine Gagnon, PhD (Laval)  
Géographie culturelle  
Patrimoine et tourisme autochtone  
Cartographie participative  
Géographie de la mémoire  

Émilie Saulnier-Talbot, PhD (Laval)  
Écosystèmes aquatiques  
Paléoécologie  
Géoécologie  
(poste en double rattachement avec le département de biologie)  

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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:


Distinguished University Professors:          Email Address:
Brian Jones, PhD (Ottawa)                     Brian.Jones@ualberta.ca
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Professors:

*Sandeep Agrawal, PhD (Illinois)            sagrawal@ualberta.ca
    Balancing municipal planning with human rights
    Understanding India’s new approach to spatial planning and development
    Welcoming communities: Planning for diverse populations

*Andrew B.G. Bush, PhD (Toronto)            Andrew.Bush@ualberta.ca
    Atmosphere-Ice interactions
    Initiation and maintenance of glaciation
    Numerical modeling of atmospheres and oceans with particular emphasis on paleoclimate modeling
    The dynamical history of the tropical Pacific thermocline
    The history of ENSO in the Quaternary
    The role of baroclinic instability of the East African jet in spawning hurricanes
    Unravelling the dynamical connections linking ENSO and the south Asian monsoon

* Human Geography, Meteorology, Environmental Sciences, and Planning
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  Beringia
  Natural hazards
  Quaternary geology
  Teprochronology
*John Gamon, PhD (UC Davis)  gamon@ualberta.ca
  Climate change impacts in northern latitude ecosystems
  Detecting plant biochemical responses with non-contact optical methods
  Disturbance effects on ecosystem function
  Eco-informatics and Cyberinfrastructure for ecosystem monitoring
  Plant ecophysiology, particularly related to photosynthesis
  and environmental stress
  Remote sensing for sampling terrestrial ecosystem composition and function
*Theresa Garvin, PhD (McMaster)  Theresa.Garvin@ualberta.ca
  Aging and urban/suburban environments
  Community, health and environmental issues
  Geography of health and health care
  Policy development, implementation and analysis
  Science, policy and social processes
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Lindsey Leighton, PhD (Michigan) lleighto@ualberta.ca
*Tara McGee, PhD (Australian Nat'l) tmcgee@ualberta.ca
  Human dimensions of environmental hazards
  Public and stakeholder hazard decision-making and actions
  Public and government mitigation
  Public and government preparedness
  Public participation
  Qualitative research methods
*Paul Myers, PhD (Victoria) pmyers@ualberta.ca
  High latitude oceanography
  Numerical model development
  Numerical modeling
  Physical oceanography
Robert W. Luth, PhD (UC Los Angeles) Robert.Luth@ualberta.ca
Karlis Muehlenbachs, PhD (Chicago) Karlis.Muehlenbachs@ualberta.ca
Graham D. Pearson, PhD (Leeds) gdpearso@ualberta.ca
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*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
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*Damian Collins, PhD (Simon Fraser)  damian.collins@ualberta.ca
  Health geography (heal 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)  kw16@ualberta.ca
  Community planning, social planning, issues relevant to older adults, community development and citizen engagement
Siobhan Alexandra Wilson, PhD  sawilson@ualberta.ca
  CRC, Biogeochemistry of Sustainable Mineral Resources
*Jeff Birchall (Canterbury)  jeff.birchall@ualberta.ca
  Local scale climate change impacts
  Local government climate change policy
  Urban/community climate resilience/adaptation

* Human Geography, Meteorology, Environmental Sciences, and Planning

Assistant Professor:
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          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)          bijjensen@ualberta.ca
          Quaternary time-scales
          Tephrochronology
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          Coastal community climate resilience
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Faculty Service Officers:

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          Collective action and cultural institutions and their evolution
          Community development (social capital, sense of place, effectiveness and
          efficiency of local institutions) in both developed and developing world
          applications
          Environmental governance policy (focused on behaviour and institutions)
          Rural water supply issues in Canada and Sub-Saharan Africa
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Department Offers

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Faculty

Professors:

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  Human wildlife conflict

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  Park interpretation and environmental education
  Park and wildlife tourism
  Environmental history

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  Urban forests

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  Natural resource management
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Public engagement

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Long term effects of forest fire on stream channel morphology
Modeling fluvial systems
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Geo-political economy of development
Urbanization and industrialization in developing countries
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Fluvial transport of sediment
Scaling relations in watershed geomorphology
Urban hydrology and urban streams
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Immigration and Canadian labour markets
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Glaciology
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Paleoclimate reconstructions
Quaternary geomorphology
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Transnational policy networks
Arctic governance
Contemporary Europe
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Conflicts, violence, and resources
Political ecology
Political geography
Ocean governance
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Aerosol Science
Air pollution meteorology
Long range pollutant and dust transport
Synoptic climatology

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- 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

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- Economic governance
- Labour geography
- Neoliberalism
- State restructuring
- Urban and regional political economy

Geraldine J. Pratt1, PhD (British Columbia)  
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- Feminist geography
- Performance, space and politics
- Precarious labour
- Dementia care
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Jessica Wang, PhD (Massachusetts Institute)  
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- History of science and science studies
- Political economy, political ecology, and state power
- History of agriculture and environment
- Biogeography, colonialism, and international relations

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- 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

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- Cartography and GIS
- Community mapping
- Historical GIS

Associate Professors:

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- Economic Geography
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- Nature-society relations
- Spatial theory

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Capitalist natures
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Green finance
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Surveillance capitalism
Neoliberal history
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Systemic climate solutions: visioning a global Green New Deal
Storytelling, social movements and radical futurisms
Engaged Documentary Filmmaking
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Critical race theory and anti-racist environmentalism
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Feminist geography
Nature, race, and nation-building in Latin America
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Influence of climate on plant life history strategies
Population spread through patchy landscapes

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Environment, sustainability, and development
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Altered disturbance regimes
Biological invasions and climate change
Siobhán R. McPhee, PhD (Dublin) siobhan.mcphee@geog.ubc.ca
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Impact of precarious work on experience of place through digital storytelling
Internationalisation of pedagogy and blended learning

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Environmental Justice and Urban Inequality
Waste, Waste Management, and Sanitation
Urban Political Ecology
Jemima N. Baada, PhD (Western Ontario) jemima.baada@ubc.ca
Climate change and human migration
Gender and development
Human mobility in sub-Saharan Africa and the Global South
Social determinants of health
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  Biosphere-atmosphere trace gas fluxes
  Carbon cycle science
  Ecosystem ecology

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  Global urbanisms
  Urban inequality and belonging
  Social movements
  Activist scholarship

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  Reforestation and natural regeneration in tropical forest landscapes

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  Heritage politics
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  Urban Indigeneity

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  Political ecologies of wildlife conservation
  Environmental management
  Art and the environment in Canada

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Department Offers

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Faculty¹

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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
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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:

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Physical geography
Hydrology

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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

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Community based research
Social networking technologies

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  Landscape resilience
  Agent-based modelling
  Complex human-environment systems

Carlos Teixeira, PhD (York)
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  Community and neighbourhood change
  Ethnic economies and immigrant entrepreneurship
  Housing experiences of immigrants and refugees in Canadian cities
  Migration and residential mobility

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  Environmental impact assessment
  Integrated resource and environmental management
  Climate change and adaptation policy
  Natural resources policy in Canada and Northern Europe

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  Rural and urban land use conflicts
  Creative sector in medium-size cities
  Urban planning and governance

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  Climate change impact assessment

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  Glaciers and climate change
  Physical geography of mountain environments

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  Wine and food geographies
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  Tertiary and Quaternary environments/events

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Spatial analysis and statistics  
Remote sensing  
Movement ecology  

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Health geography  
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Resource extraction  
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Human-coyote conflict  
Road ecology in temperate and tropical ecosystems

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Tourism and growth management  
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Posthumanism

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Paleoclimate
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Numerical modeling
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Social and environmental implications of smart cities
Neighbourhood change and polarization

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  Political economy of technology
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  Spatial accessibility
  Volunteered geographic information systems
  Smart cities
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  Desert stream processes
  Geoarchaeology
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  Hunter-gatherers late Quaternary climate changes
  Late Pleistocene-early Holocene archaeology
  Paleoindian and Archaic archaeology
  Radiocarbon dating
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  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)  
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  Blindness: Disability
  Cartography
  Geospatial science
  Human computer interaction
  Spatial cognition
  Geospatial humanities

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Pedagogy in international field settings

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Urban political economy
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Maria Stack, PhD (Hamilton)  mstrack@ucalgary.ca
Marit Rosol, PhD (Humboldt-Universität zu Berlin)  marit.rosol@ucalgary.ca
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

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Faculty:

Carolyn Atkins, MSc (Saskatchewan)  
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Geomorphology

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

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Paleoecology  
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Stratigraphy  
Paleoenvironments  
Geochronology  
Paleoecology of non-glacial intervals  
Paraglacial sedimentation  
Loess-Paleosol sequences  
Holocene Aeolian activity

Mariano Mapili, PhD (UBC)  
Agricultural biogeography and conservation  
Geographic Information Systems  
Biological remediation of contaminated environments  
Agricultural waste management

Steven Marsh, MSc (Regina)  
Climate Change  
Water quality  
Environmental studies

Lenore Newman¹, PhD (York)  
Agricultural land use  
Agricultural technology  
Global food systems

Kathy Peet, BSc (UNBC)  
Physical geography

Stefania Pizzirani, PhD (Massey)  
Environmental resource management  
Community forestry  
Indigenous research  
Life cycle sustainability assessment

Afia Raja, PhD (Texas A&M)  
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Geographic information systems  
Sustainable transportation

Michelle Rhodes, PhD (Simon Fraser)  
Resource and economic geography  
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Environmental studies  
Community forestry

Scott Shupe, PhD (Arizona)  
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Department Offers

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

Faculty

Professors Emeriti:

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<tr>
<td>Hydrology and remote sensing</td>
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<td>Spatial scaling of hydrologic features</td>
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<td>Evan Fraser, PhD (British Columbia)</td>
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<td>Forest governance</td>
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<td>Indigenous led conservation</td>
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<td>North America and Southeast Asia</td>
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*Associate Professors:*  

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Environmental Governance  

**Jaclyn Cockburn, PhD (Queen's)**  
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)**  
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)**  
Sustainability  
Human ecology  
Food systems  
Fisheries and coastal communities  

**Faisal Moola, PhD (Dalhousie)**  
Forest conservation and management  
Ecology and ethnoecology of heathlands  
Environmental policy  
Indigenous-led conservation  

**Noella Gray, PhD (Duke)**  
Political ecology  
Marine conservation  
Science-policy interface  
Tourism  
Global conservation governance  
Belize and Oceania  

**Roberta Hawkins, PhD (Clark)**  
Feminist geographies  
Everyday practices of ‘global change’  
Cultural politics of sustainability  
Digital geographies  

**Kate Parizeau, PhD (Toronto)**  
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Indigenous health, environment, risk assessment, environmental impact assessment  
Indigenous methodology

Eric Nost, PhD (Wisconsin-Madison)  
enost@uoguelph.ca  
Political ecology  
Digital governance  
Webmapping and GIS  
Conservation and environmental policy, markets, and justice

Anna Stanley, PhD (Guelph)  
asta@uoguelph.ca  
Indigenous environmental justice  
Canadian environmental policy & resource governance  
Settler colonialism and resource governance
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:  Email Address:

Walter E. Aufrecht, PhD (Toronto)  aufrecht@uleth.ca
Rene W. Barendregt, PhD (Queen’s)  barendregt@uleth.ca
Ian R. MacLachlan, PhD (Toronto)  maclachlan@uleth.ca
Robert Rogerson, PhD (Macquarie)  rjrogerson@gmx.com
Karl Staenz, PhD (Switzerland)  karl.staenz@uleth.ca

Professors:

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

Craig Coburn\(^1\) PhD (Simon Fraser)  craig.coburn@uleth.ca
Remote sensing physics
Bidirectional reflectance
Remote sensing systems
Remote sensing texture analysis
Terrain modelling
Remote sensing and GIS in forestry

Christopher Hopkinson, PhD (Wilfred Laurier)  c.hopkinson@uleth.ca
Lidar technology and applications
Water resources
Mountain hydrology
Forest resources

Hester Jiskoot, PhD (Leeds)  hester.jiskoot@uleth.ca
Glacier inventory compilation and analysis
Ice flow dynamics and glacier surging
Snowpack trends in the Canadian Rockies

\(^1\) Chair (Faculty information as of July 1, 2018)
Statistical and numerical ice sheet and glacier system analysis
Rockslides on glaciers
Tributary-trunk interactions and dynamic ice flow restrictions

Daniel Johnson, PhD (UBC)  
dan.johnson@uleth.ca
- Biodiversity
- Ecology of semi-arid ecosystems
- Grassland insects
- Invasive species
- Potato psyllid and zebra chip monitoring
- Sustainable agriculture
- Ecological modelling and data analysis

Stefan Kienzle PhD (Heidelberg)  
stefan.kienzle@uleth.ca
- Simulating climate change impacts on water resources
- Mapping climate change
- Conservation GIS in wildlife reserve management
- Spatial modelling
- South Africa

Matthew Letts, PhD (London)  
matthew.letts@uleth.ca
- Climate Change and mountain hydrology
- Changes in water supply resulting from climate change
- Ecology of semi-arid ecosystems
- Human adaptation to climate change
- Local capacity to manage water
- Modelling the spatial distribution of snow pack in montane regions
- Eco physiology
- Plant stress ecology
- Microclimatatology
- 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
  Urbanism
  Labor Market and Population Dynamics
  Resource and Environment Management
  Regional Change and Development
  Land Development

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

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

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

Adjunct Faculty:
Cárcamo, Héctor, PhD (U of C)  hector.carcamo@canada.ca
  Soil Ecology/Agricultural Entomology
Collingwood, Adam, PhD (Queen’s)  adam.collingwood@canada.ca
  Remote Sensing
Wayne Davies, PhD (Wales)  wdavies@ucalgary.ca
  Urban Geography
  Methods
  Exploration Geography
  Philosophy of Geography
Scott Heckbert, PhD (Melbourne) scott.heckbert@aer.ca
Environmental Science, student training and community engagement

Tom Jensen, PhD (U of A)
Research, extension, and farm-level consulting experience in crops and soils.

Larry Kawchuk, PhD (UBC) lawrence.kawchukl@canada.ca
Plant Science/Botany

Roland Kroebel, PhD (Hohenheim) roland.kroebel@canada.ca
Ecology Modelling

Ryan MacDonald, PhD (Lethbridge) ryan.macdonald@machydro.ca
Env/Sci/Hydrology

Ross McKenzie, PhD (Saskatchewan) rossmckenzie@shaw.ca
Soils and Irrigated Agriculture

Trevor Peck, PhD (Calgary) trevor.peck@gov.ab.ca
Archeology

Heinz Pyszczyk, PhD (Manitoba) heinz.pyszczyk@gov.ab.ca
Archeology

Anne Smith, PhD (Strathclyde) anne.smith@agr.gc.ca
Remote Sensing
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*, PhD (Guelph) Mark.Hanson@umanitoba.ca
   Ecotoxicology
   Freshwater ecosystems
Michael Campbell, PhD (Washington) Michael.Campbell@umanitoba.ca
   Sustainable nature-based tourism
   Recreation ecology
   Human dimensions of wildlife management
   Community tourism and development
   Parks and protected areas planning and management
Dorthe Dahl-Jensen¹, PhD (Denmark) Dorthe.Dahl-Jensen@umanitoba.ca
   Climate change
   Arctic ice
   Sea levels
John Hanesiak, PhD (Manitoba) John.Hanesiak@umanitoba.ca
   Extreme/severe weather & storms
   Climate change effects on storms
   Surface-atmosphere interactions
Stephane McLachlan, PhD (York) Stephane.Mclachlan@umanitoba.ca
   Action and participatory video research
   Biogeography of invasives
   Environmental justice and Indigenous rights
   Environmental restoration
   Experiential education and community service learning
   Participatory mapping of local rural and Indigenous knowledge
   Participatory risk analysis of disease (BSE, TB) and GM crops
   Spatiotemporal impacts of industry (e.g. Oil Sands, hydro)
   Urban agriculture and agroecology
   Watershed management and land use planning

¹ Department Head
*Not Geographers
Jill Oakes, PhD (Manitoba)  
Jill.Oakes@umanitoba.ca  
Alaskan coastal cultures  
Aviation, Cycling, and the environment  
Hudson’s Bay Company families at York Factory 1900-1930  
Indigenous peoples and environmental change  
Island human and bio-geography

Tim Papakyriakou, PhD (Waterloo)  
Tim.Papakyriakou@umanitoba.ca  
Microclimatology  
Carbon cycle of high latitude aquatic and marine systems with an emphasis on GHG source/sink characteristics

Ronald Stewart, PhD (Toronto)  
Ronald.Stewart@umanitoba.ca  
Climate change and mountainous regions  
Extreme events including storms and drought  
Winter precipitation

Julienne Stroeve¹, PhD (Colorado)  
Julienne.Stroeve@umanitoba.ca  
Climate Forcing of Sea Ice

Feiyue Wang*², PhD (Peking)  
Feiyue.Wang@umanitoba.ca  
Environmental chemistry  
Sea ice geochemistry  
Biogeochemistry  
Chemical oceanography

Associate Professors:

Mary Benbow, PhD (Liverpool)  
Mary.Benbow@umanitoba.ca  
Critical cartography and human-nature relationships  
(applied to historical and contemporary zoo maps)  
Examination of messages concerning climate change in zoos (specifically in Arctic themed exhibits) and the use of overheard conversation techniques to monitor visitor response  
Photographs at the zoo: Meanings, intentions, and doings  
Social, cultural and environmental implications of zoos and aquariums; part of a broader field “Animal geographies”

Bonnie Hallman, PhD (Guelph)  
Bonnie.Hallman@umanitoba.ca  
Illness/mobility loss and the experience of environment  
Family geographies and leisure environments  
Therapeutic landscapes  
Zoos as social/cultural spaces

Jens Ehn, PhD (Manitoba)  
Jens.Ehn@umanitoba.ca  
Light propagation and light-matter interactions in Arctic estuarine, marine and sea ice environments.  
Processes and feedbacks controlling air-ice-ocean interactions, sea ice formation and melting.  
Seasonal evolution, trends and variability of sea ice covered environments.

² Canada Research Chair (Tier 1)  
*Not Geographers
Freshwater-marine interactions in Arctic and sub-Arctic coastal and shelf waters.

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

Physical and biological processes controlling timing of primary production in ice-covered seas

Sea ice and marine bio-optics

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

Environmental and social geographies of subarctic North America

Megaprojects

Energy politics and policy

Mining

Resource conflict

Environmental history/historical geography

Political ecology

Nature and culture in Canada

Politics of environmental assessment.

Assistant Professor:

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

The relationship between neoliberalism, climate change and ecotourism in Northern Canada

Race, Tourism and Nature

The Anthropocene, Race and Contemporary Environmentalism

Critical perspectives on canoeing in Canada

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

Microorganisms in the cryosphere

Metabarcoding

Genomics

Transcriptomics

Nicole J. Wilson, PhD (U British Columbia)³  
Nicole.J.Wilson@umanitoba.ca

Climate justice adaptation and transformation

Water governance and policy

Water security

Indigenous governance and politics

Community-Based Research

Juliana M. Marson, PhD (Brazil)  
Juliana.MariniMarson@umanitoba.ca

Polar physical oceanography

Land ice-ocean interactions

Role of freshwater in the polar oceans

Icebergs

Ocean and iceberg numerical modelling

Karen Alley, Ph.D. (Colorado)  
karen.alley@umanitoba.ca

Remote sensing of glaciers and ice sheets

Ice shelf and ice sheet dynamics

Glacier-ocean interaction

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

³ Canada Research Chair (Tier 2)
Data integration and spatial modelling
Ecosystem dynamics and human and wildlife interactions with landscapes
International conservation research
Invasive species and biological conservation
Landscape diversity and fragmentation
Quantitative terrestrial ecology & biogeography specializing in landscape systems

Instructors:

Lisa Ford, MA (Saskatchewan)  Lisa.Ford@umanitoba.ca
First year undergraduate teaching in Geography
Natural Hazards and Social Vulnerabilities to Hazards
Population Geography and the Geography of Health

John Iacozza, PhD (Manitoba)  John.Iacozza@umanitoba.ca
Application of remote sensing and spatial statistics
to Arctic marine environments and habitat relationships
Circumpolar climate change impacts on marine environments
Habitat environmental characteristics of Arctic marine mammals
Spatial and temporal distribution of snow on sea ice

Johny Stephen, PhD (Amsterdam)  Johny.Stephen@umanitoba.ca
Issues and challenges in water management

Janna Wilson, PhD (Manitoba)  Janna.Wilson@umanitoba.ca
First year undergraduate teaching in Geography
Geography of Canada
Geography of Canadian Prairie Landscapes
Geography of United States
Geomorphology

Senior Scholars:

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

Distinguished Professor Emeritus:

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

Department Offers

BA, BSc (Geography), BSc (Environmental Science), BA (Public Administration and Community Development)
MA, MSc & PhD NRES Natural Resources and Environmental Studies (Geography and Environmental Science)
MA & MSc (Interdisciplinary Studies)

Faculty

Professors: Email Address:

Stephen Dery, PhD (McGill) stephen.dery@unbc.ca
Consequences of climate change on the water cycle in the polar and alpine regions of the Northern Hemisphere
Hydrometeorological changes on the environment in Canada’s north, including snow and ice
Study the water balance in the Quesnel River basin

Greg Halseth, CRC, PhD (Queen’s) greg.halseth@unbc.ca
Community development /community economic development
Restructuring in resource dependent towns
Rural and regional development

Neil Hanlon, PhD (Queen’s) neil.hanlon@unbc.ca
Community adaptation to population aging
Health service delivery in rural and remote locations
Voluntarism and community development

Peter Jackson, PhD (UBC) peter.jackson@unbc.ca
Air pollution modelling and measurement
Atmospheric science: meso- and synoptic-scale meteorology and climatology
Interaction of atmosphere with complex terrain

Brian Menounos, CRC, PhD (UBC) brian.menounos@unbc.ca
Paleo-environmental reconstruction
Past and present glacier fluctuations
Sediment budgeting and sediment transport in mountain environments

Catherine Nolin¹, PhD (Queen’s) catherine.nolin@unbc.ca
‘Development’, impunity, and political violence in Guatemala

¹ Chair (faculty information as of July 1, 2022)
Memory, trauma, and testimony in Guatemala and Peru
Qualitative methods
Social geography of forced migration and refugee movements
Social impacts of Canadian mining in Guatemala and Peru

Philip Owens, PhD (Exeter) philip.owens@unbc.ca
- Fine sediment dynamics and sources in watersheds
- Mining impacts on aquatic systems
- Sediment-associated contaminants and nutrients
- Sediment tracing and fingerprinting
- Watershed responses to wildfires

Ellen Petticrew, PhD (McGill) ellen.petticrew@unbc.ca
- Biogeomorphology
- Fine sediment transfers and storage in freshwaters
- Lake restoration and community stewardship
- Landscape disturbances and linkages between terrestrial and aquatic systems
- Mining impacts on aquatic systems
- Sediment flocculation processes

Youmin Tang, PhD (UBC) youmin.tang@unbc.ca
- Determine confidence intervals of seasonal climate predictions
- Prediction of seasonal climate using sophisticated numerical models and mathematical tools

Roger Wheate, PhD (St. Andrews) roger.wheate@unbc.ca
- Glacier inventory and change using remote sensing
- Mountain cartography incorporating remote sensing and GIS processing
- Topographic mapping design and history

Associate Professors:

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

Tristan Pearce, PhD (Guelph) tristan.pearce@unbc.ca
- Arctic and South Pacific Islands Region
- Climate change vulnerability and adaptation
- Community-based research
- Traditional ecological knowledge

Joseph Shea, PhD (UBC) joseph.shea@unbc.ca
- Airborne and spaceborne imagery and data
- Changes in snow, ice, and water supplies in mountain regions
- The role of snow, ice, and permafrost in local and regional hydrology
- Unmanned air vehicle (UAV) research applications

Assistant Professors:

Theresa Adesanya, PhD (Manitoba) theresa.adesanya@unbc.ca
- Managing agroecosystems for climate change mitigation
Nutrient and contaminant fate and transport in seasonally frozen soils
Phytoremediation of contaminated sites
Use of organic amendments to enhance reclamation success of reclaimed sites

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

Limited Term Instructors:
Faran Ali, PhD (Saskatchewan) faran.ali@unbc.ca
Construction of sediment budgets for large drainage basins
Implications of climate and land use change on watershed hydrology
Spatially distributed water erosion modelling

Senior Lab Instructors:
Ping Bai, BSc (Beijing), MSc (Windsor) ping.bai@unbc.ca
Christine Jackson, BSc (UBC), BEd (Western Ontario) chris.jackson@unbc.ca
Matt McLean, BSc (UNBC) matt.mclean@unbc.ca

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

Associated Faculty:
Margot Parkes
University of Ottawa / Université d’Ottawa
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Programmes d’études / Department Offers
BA, BSc, MA, MSc, PhD

Corps professoral / Faculty

Professeurs émérites / Professors Emeritus : Adresse électronique / Email Address:
Anne Gilbert, PhD (Ottawa) agilbert@uottawa.ca
Bernard Lauriol, PhD (Montréal) blauriol@uottawa.ca
Peter Johnson, PhD (Leeds) peterj@uottawa.ca
Léon Ploegaerts, PhD (Montréal) lpgeo@uottawa.ca
Denis St-Onge, PhD (Louvain) dst-onge@gsc.nrcan.gc.ca
Barry Wellar, PhD (Northwestern) wellarb@uottawa.ca

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

Jackie Dawson, PhD (Waterloo)  
Climate change  
Arctic marine governance  
Arctic shipping and tourism  
Economic Development in the Arctic

Konrad Gajewski, PhD (Wisconsin)  
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)  
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)  
Glaces souterraines dans le nord du Yukon  
Karst du nord-ouest canadien (Bear Cave, Lime Peaks) et de la vallée du Saint-Laurent

Brenda MacDougall, PhD (Saskatchewan)  
Metis history and culture  
Landscape and memory  
Social networking and genealogy research  
Historical processes of identity formation by Aboriginal people (Metis and/or First Nations)  
Processes of identity formation and reformation as a result of state mandated enfranchisement whether of a community or individuals

Marc Saner¹, PhD (Basel, Switzerland)  
Environmental ethics and justice  
Governance and risk management  
Science-policy interface

Michael Sawada, PhD (Ottawa)  
Health GIS applications (contextual factors)  
Improving paleoclimate reconstructions for the past 21,000 ka in North America  
Spatial analytical application development in GIS

¹ Department Chair
Spatial controls and mechanisms of late Quaternary rapid plant migrations
André Viau, PhD (Ottawa) aviau@uottawa.ca
Contemporary and past climate research at local to global scales during the past 21,000 years. Current focus on paleatempestology in the North Atlantic basin during the Holocene. Big data analysis using climate proxies.

Professeurs agrégés / Associate Professors:

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

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

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

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

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

Professeurs auxiliaires / Adjunct Professors:

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

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

Faculty

*Professors Emeriti:*

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

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

*Instructor Emerita:*

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

*Professors:*

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

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

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

¹ Luther College
Soil landscape sensitivity to climate variability and change

Associate Professors:

Ulrike Hardenbicker, Dr. rer. nat. (Bonn), habil (Halle) Ulrike.Hardenbicker@uregina.ca
Geomorphological and geoecological influence of subsurface flow on landscape development, Processes and causes of subsurface erosion, Slope hydrology and slope stability

Vanessa Mathews, PhD (Toronto) Vanessa.Mathews@uregina.ca
Craft beer and urban change
Industrial heritage and gentrification
Heritage and sustainability
Infill development
Urban space and the breastfeeding body

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

Instructor:

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

Adjunct Professor:

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

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

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

Faculty

Professors Emeriti: Email Address:

O.W. (Bill) Archbold, PhD (Simon Fraser) w.archibold@usask.ca
Robert M. (Bob) Bone, PhD (Nebraska) robert.bone@usask.ca
Lawrence W. Martz, PhD (Saskatchewan) lawrence.martz@usask.ca

Professors:

Alec Aitken, PhD (McMaster) alec.aitken@usask.ca
Marine benthic ecology, Canadian Arctic
Geoarchaeology of Paleo-Indian habitation sites
Canadian Prairies
Quaternary geology, Canadian Arctic Archipelago

Abraham Akkerman, PhD (Waterloo) avi.akkerman@usask.ca
Demography and planning
Urban design
Urban transportation

Scott Bell, PhD (UC Santa Barbara) scott.bell@usask.ca
Behavioural and cognitive geography
Geographic education
Geographic information science

Martyn Clark¹, PhD (Colorado) martyn.clark@usask.ca
Numerical modeling and prediction of hydrologic processes, including coupling of hydrology and climate models, development of spatially distributed hydrologic modes, development of methods for hydrologic data assimilation, development of methods to quantify hydrologic model uncertainty.
Developing innovative approaches for simulating hydrological processes, including understanding inter-model differences

¹ Associate Director, Centre for Hydrology and Coldwater Laboratory
Developing methods to improve streamflow forecasts
Understanding space-time variability in climate and hydrology including understanding the impacts of climate change on regional water resources.

Dirk H. de Boer, PhD (Alberta)  
dirk.deboer@usask.ca
Spatially distributed erosion models
Suspended sediment and trace element transport in the Mackenzie River Basin

Xulin Guo², PhD (Kansas)  
xulin.guo@usask.ca
Grassland health monitoring
Woody plant encroachment in grassland
Effects of disturbances in grassland
Remote Sensing applications in different ecosystems

Bram F. Noble³, PhD (Memorial)  
b.noble@usask.ca
Cumulative effects
Environmental impact assessment effectiveness
Resource development and environmental management
Strategic environmental assessment
Uncertainty analysis in environmental assessment

John W. Pomeroy⁴, PhD (Saskatchewan)  
john.pomeroy@usask.ca
Hydrological processes
Mountain hydrology; Forest hydrology; Northern hydrology; Prairie hydrology
Snow and ice
Water and climate modelling

Ryan Walker, PhD (Queen's)  
ryan.walker@usask.ca
Community-based low-cost housing development
Indigeneity and urban development
Indigenous housing in urban areas; municipal planning with Aboriginal communities
Program evaluation in community services
Urban citizenship; urban planning and geography

Cherie Westbrook, PhD (Colorado State)  
cherie.westbrook@usask.ca
Beaver
Ecohydrology
Montane peatlands
Wetlands and riparian areas

Associate Professors:

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

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² Department Head
³ Vice Dean, Research, Scholarly and Artistic Work, College of Arts and Science
⁴ Distinguished Professor, Canada Research Chair, Director, Centre for Hydrology, Director, Global Water Futures Initiative
⁵ Interim Vice Dean, Faculty Relations, College of Arts and Science til June 30, 2024
Paul Hackett, PhD (Manitoba)  
paul.hackett@usask.ca
- Diabetes in First Nations populations
- Health geography
- History of Aboriginal health
- Intimate Partner Violence
- Tuberculosis

Robert Patrick, PhD (Guelph)  
robert.patrick@usask.ca
- Indigenous planning
- Integrated watershed planning and management
- Drinking water source protection and management
- Source water protection

Corinne Schuster-Wallace, PhD (Wilfrid Laurier)  
cschuster.wallace@usask.ca
- Water and human health
- Local water security in marginalised communities
- Water-related disease and climate change
- Coupled human-water systems and approaches

Assistant Professors:

Krystopher Chutko, PhD (Queen’s)  
krys.chutko@usask.ca
- Weather monitoring
- Isotope hydrology
- Lacustrine processes
- Paleoenvironmental reconstruction

Ehab Diab, PhD (McGill)  
ehab.diab@usask.ca
- Land use and transportation planning
- Public transit planning and operations
- Intelligent transportation systems (ITS)
- Non-motorized travel modes (cycling, walking)
- GIS applications in urban and transportation planning

Adjunct or Associate Faculty Members:

Barrie Bonsal, PhD (Saskatchewan)  
barrie.bonsal@canada.ca
- Climate Impacts on Freshwater Availability Across Canada
- Hydro-Climate Extremes and Variability: Droughts and Floods

Ngoc Thuan Chu, PhD (Saskatchewan)  
thuan.chu@gov.sk.ca

Diogo Pinho da Costa (Singapore)  
diogo.costa@usask.ca

Sarah Dickson-Anderson (Waterloo)  
sdickso@mcmaster.ca

John Diiwu, PhD (Guelph)  
john.diiwu@gov.ab.ca

Patricia Fitzpatrick, PhD (Waterloo)  
p.fitzpatrick@uwinnipeg.ca

David Fortin, PhD (Queen’s)  
d.fortin@wlcs.ca

Kevin Hanna, PhD (Toronto)  
kevin.hanna@ubc.ca

Michael Hill, PhD (Western Ontario)  
mrhill3@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 Offers

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

Faculty

Emeritus Professors:
S. Munro, V. Robinson

Professors, Tenure Stream: Email Address:
Ronald Buliung, PhD (McMaster) ron.buliung@utoronto.ca
Transportation geography and population health
Critical Disability Studies
Active transportation
Geographies of childhood
Pedestrian injury
Historical geography of cycles and cycling
Transportation in the Global South
Tenley Conway, PhD (Rutgers) tenley.conway@utoronto.ca
Human-environment interactions
Urban forests, Urban ecosystems
Land use/land cover change
Yuhong He, PhD (Saskatchewan) yuhong.he@utoronto.ca
Environmental remote sensing
Vegetation stress detection with multi-source remote sensing
Endangered and invasive species monitoring
Andrea Olive, PhD (Purdue) andrea.olive@utoronto.ca
Environmental policy
Species at risk and biodiversity
Canada-US environmental governance
Natural resource extraction

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

2 Chair, Department of Geography, Geomatics and Environment, University of Toronto Mississauga
Private land and landowners
Alan Walks, PhD (Toronto)  alan.walks@utoronto.ca
  The politics of automobility
  Geography of housing and homelessness
  New neighbourhood forms: gated communities and the new urbanism
  Political attitudes, neighbourhood inequality, and urban policy
  Urban social, political and electoral geography
  Geographies of financialization and debt
Kathi Wilson, PhD (Queen’s)  kathi.wilson@utoronto.ca
  Aboriginal health and wellbeing
  Aboriginal peoples, migration and rights to the city
  Access to health care and social services
  Global migration, settlement, and health

Associate Professors, Tenure Stream:
Laura Brown, PhD (Waterloo)  lc.brown@utoronto.ca
  Hydroclimatology
  Climate variability and the interactions with lake ice
  Numerical modelling of lake ice
  Remote sensing of the cryosphere
Pierre Desrochers, PhD (Montreal)  pierre.desrochers@utoronto.ca
  Energy policy
  Food policy
  Business-environment interface
  Regional development
  History of environmental thought
  High spatial hyperspectral image processing
Tim Duval, PhD (McMaster)  tim.duval@utoronto.ca
  Ecohydrology
  Stream nutrient biogeochemistry
  Wetland hydrology and biogeochemistry
  Urban environments
Igor Lehnherr, PhD (Alberta)  igor.lehnherr@utoronto.ca
  Environmental contaminants (mercury, perfluoroalkyl substances, etc.)
  Climate change impacts in Northern/Arctic watersheds
  Nutrient and carbon cycling
  Aquatic biogeochemistry
Trevor Porter, PhD (Carleton)  trevor.porter@utoronto.ca
  Dendrochronology
  Paleoclimatology
  Stable water isotopes
  Northern Canada

Assistant Professors, Tenure Stream:
Matthew Adams, PhD (McMaster)  md.adams@utoronto.ca
  Urban Pollution – Water, Air and Soil
Exposure Science  
Geographic Information Science  
Spatial Statistics

Laurel Besco, PhD (Ottawa)  laurel.besco@utoronto.ca  
Environment/sustainability law and policy  
Green economy and corporate environmental norms  
Socio-legal dimensions of climate change

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

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

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

Professors, Teaching Stream:

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

Associate Professors, Teaching Stream:

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

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

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

Assistant Professor, Teaching Stream:

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

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

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

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

Cody Ross, PhD (Manitoba)  
cody.ross@utoronto.ca  
Hydrology  
Vadose zone water  
Numerical modeling  
Contaminant mobilization and transport
University of Toronto Scarborough
Department of Human Geography
1265 Military Trail, Toronto, ON M1C 1A4
(416) 208-2898 — Fax (416) 287-7283
Email: sueann.hicks@utoronto.ca
Website: http://www.utsc.utoronto.ca/~geography/

Department Offers

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

Faculty

Professors Emeriti:
M. Bunce
E. Relph
J. Miron

Professors: Email Address:
Mark Hunter, PhD (UC Berkeley) mark.hunter@utoronto.ca
AIDS in South Africa
Education and class
Geographies of health inequality
Geographies of sexuality
South African political economy
Thembela Kepe, PhD (Western Cape) thembela.kepe@utoronto.ca
People-environment interactions, land rights, politics of development projects
Politics of land use planning, rural struggles, southern Africa
André Sorensen, PhD (London, UK) andre.sorensen@utoronto.ca
Civil society, urban space and governance processes
Historical Institutionalism, planning history, comparative urban governance
Japanese planning and governance
Path dependence and suburban development
Property rights, land management, and institutional change

Associate Professors:
Michelle Buckley, PhD (Oxford) michelle.buckley@utoronto.ca
Migrant construction work and theories of urbanization
The urbanization of capital in Gulf Cooperation Council economies
Susannah Bunce, PhD (York) susannah.bunce@utoronto.ca

1 At U of T, grad programs involve faculty from all three campuses (UTM, UTSG, UTSC), undergrad programs involve only faculty located at their respective campuses
Geography and planning of urban communities and neighbourhoods
Urban sustainability and sustainable communities
Environmental gentrification

Mike Ekers, PhD (Oxford)  
michael.ekers@utoronto.ca
  
  Antonio Gramsci and geography
  Ecological fixes
  Geographies of environmental work and landscapes
  Labour in the alternative food movement

Steven Farber, PhD (McMaster)  
steven.farber@utoronto.ca
  
  Transportation
  Spatial analysis
  GIS

Kenneth Iain MacDonald, PhD (Waterloo)  
ken.macdonald@utoronto.ca
  
  Class and cultural ecologies of consumption
  Institutional resilience and vulnerability to natural hazards
  Neoliberalism and the restructuring of biodiversity conservation
  Transnationalism and cultural identity

Sharlene Mollett, PhD (Toronto)  
sharlene.mollett@utoronto.ca
  
  Land and natural resource conflicts
  Political ecology and feminist political ecology
  Latin America, Honduras, Panama
  Development geography
  Race, gender and property rights
  Indigenous peoples and Afro-descendant communities
  Feminist and postcolonial geographies
  Residential tourism

Natalie Oswin, PhD (British Columbia)  
natalie.oswin@utoronto.ca
  
  Queer and postcolonial geographies
  Global urbanism
  Geographic thought
  Politics of knowledge production

Rajyashree Narayananreddy, PhD (Minnesota)  
rajyashree.narayananreddy@utoronto.ca
  
  Geographies of waste and labour
  Urban political ecology
  Global urbanism

Assistant Professors:

Hulya Arik, PhD (York)  
hulya.ari@utoronto.ca
  
  Feminist geographies of the body
  Feminist geopolitics
  Security and risk studies
  Critical geographies of secularism and Islam
  Cultural geography
  Cultural industries

Rachel Goffe, PhD (CUNY)  
rachel.goffe@utoronto.ca
Black Geographies
Racial capitalism
Caribbean Studies
Land, livelihood and informal economies
Social reproduction
Urban-rural interfaces

Christopher Higgins, PhD (McMaster)  cd.higgins@utoronto.ca
Spatial analysis and GIScience,
Built environment and urban morphology,
Accessibility and travel behaviour

Zachary Hyde (PhD, British Columbia)  zachary.hyde@utoronto.ca
Urban Governance
Economic Geography and Sociology
Development and Housing
Culture
Theory
Qualitative Methods

Nicole Latulippe, PhD (Toronto)  nicole.latulippe@utoronto.ca
Nbisiing Anishinaabeg fisheries and Anishinaabe water governance and laws in the Great Lakes
Indigenous environmental justice
Anishinaabe legal traditions and the First Nations Land Management Act
Urban placemaking/keeping in Mississauga treaty territory, Toronto/Tkaronto, and Aotearoa New Zealand
Identity, difference, and belonging to place

Associate Professor, Teaching Stream:

Ahmed Allahwala, PhD (York)  ahmed.allahwala@utoronto.ca
Community-based pedagogies
Public policy and cities, urban social policy, labour and employment, migration
Urban governance, urban political economy, comparative urban and regional studies

Glenn Brauen, PhD (Carleton)  glenn.brauen@utoronto.ca
Cybercartographic atlas of the Lake Huron Treaty relationship process
Data management for freshwater monitoring in Canada’s North
Geospatial knowledge models (ontologies), visualization, and geographic information systems (GIS) to support land use planning in Nunatsiavut
WebMap design utilities
University of Toronto (St. George)  
Department of Geography and Planning  
100 St. George Street, Toronto, ON M5S 3G3  
(416) 978-3375 — Fax (416) 946-3886  
Email: mainoffice@geog.utoronto.ca  
Website: www.geography.utoronto.ca

Department Offers¹

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

Faculty²³

Emeritus Professors:


Professors:  

George B. Arhonditsis, PhD (Aegean), UTSC  
georgea@utsc.utoronto.ca  
Ronald Buliung⁴, PhD (McMaster), UTM  
ron.buliung@utoronto.ca  
Jing Chen, PhD (Reading), FRSC, UTSG  
jing.chen@utoronto.ca  
Continental and global carbon and water cycle modeling  
Coupling of water and carbon cycles in wetlands and forests  
Global carbon cycle modelling  
Hyperspectral remote sensing application to forestry  
Multiangle remote sensing application to land surface  
Nested global inversion for North America carbon budgets

Tenley Conway, PhD (Rutgers), UTM  
tenley.conway@utoronto.ca

¹ At the University of Toronto, graduate programs involve faculty from all three campuses (UTM, UTSG, UTSC), while undergraduate programs involve only the faculty located at their respective campuses
² UTM= University of Toronto Mississauga, UTSG=University of Toronto St George, UTSC=University of Toronto Scarborough
³ For research interests and publications of faculty members based at UTM and UTSC, see the separate listings in this directory for those two campuses
⁴ Tri-Campus Graduate Chair, Department of Geography, UTM
Deborah Cowen, PhD (Toronto), UTSG  
deb.cowen@utoronto.ca  
Geographies of citizenship, militarism, and war  
Security and cities  
Sub/urban politics
Amrita Daniere, PhD (Harvard), UTSG  
amrita.daniere@utoronto.ca  
Building urban climate change resilience in secondary cities of Southeast Asia  
Development and implementation of policy and planning from a political-economy perspective in urban areas of the Global South  
Infrastructure provision in developing-country megacities (including water and sanitation services, housing, solid waste collection and disposal, and transportation)
Joe Desloges, PhD (British Columbia), UTSG  
desloges@geog.utoronto.ca  
Floodplain sedimentology  
Geoarcheology, B.C. and Ontario  
Glaciolacustrine sediment records, B.C., Alberta, N.W.T., Greenland, Iceland, and Norway  
Paleohydrology and environmental reconstruction
Meric Gertler, PhD (Harvard), FRSC, UTSG  
president@utoronto.ca  
Economic change in the Toronto region  
Industrial cultures and practices: national, regional and local modes of governance (particularly in Canada, the United States, and Germany)  
Social foundations of economic performance: creativity, diversity, and cities
Emily Gilbert, PhD (Bristol), UTSG  
emily.gilbert@utoronto.ca  
Citizenship, borders and security  
Nationalism, postcolonialism, globalization  
Social and political theory  
The culture and politics of money and North America
Kanishka Goonewardena, PhD (Cornell), UTSG  
kanishka.goonewardena@utoronto.ca  
Urbanism and critical theory  
Planning practice, political thought and geo-political-economics  
Modernity and nationalism (postcolonial and diasporic)
William A. Gough, PhD (McGill), UTSC  
gough@utsc.utoronto.ca  
Jason Hackworth, PhD (Rutgers), UTSG  
jason.hackworth@utoronto.ca  
Political economy  
Comparative urban policy  
Declining cities  
Urban abandonment
Danny Harvey, PhD (Toronto), UTSG  
harvey@geog.utoronto.ca  
Climatic change due to human activities – scenarios and impacts  
Global scale potential to reduce greenhouse gas emissions through energy efficiency
Yuhong He⁵, PhD (Saskatchewan), UTM  
yuhong.he@utoronto.ca  
Paul Hess, PhD (Washington), UTSG  
hess@geog.utoronto.ca  
Planning and designing for non-motorized travel modes  
Travel behavior interactions with urban form

⁵ Chair, Department of Geography, UTM
Urban form analysis, representation and measurement using GIS
Mark Hunter, PhD (UC Berkeley), UTSC  mhunter@utsc.utoronto.ca
Marney Isaac, PhD (Toronto), UTSC  marney.isaac@utoronto.ca
Shashi Kant, PhD (Toronto), UTM  shashi.kant@utoronto.ca
Thembela Kepe6, PhD (Western Cape), UTSC  kepe@utsc.utoronto.ca
Deborah Leslie, PhD (British Columbia), UTSG  leslie@geog.utoronto.ca

Commodity chains
Cultural industries
Urban-economic
Cultural and feminist geography

Robert Lewis, PhD (McGill), UTSG  lewis@geog.utoronto.ca
Economic geography of the North American city, 1850-1950
Industrial and social geography of the suburbs, 1850-1950
Social geography of colonial cities in India, 1881-1921

Jane Liu, PhD (Toronto), UTSG  liu@geog.utoronto.ca
Atmospheric environment (pollution transport and emission from fires, air quality and health implications, satellite monitoring, modeling)
Tropospheric and stratospheric ozone
Climate change

W. Scott Prudham, PhD (UC Berkeley), UTSG  scott.prudham@utoronto.ca
Environmental politics, policy, and social justice
Forest politics and policy, western North America
Political ecology
Political economy and environment

Katharine Rankin, PhD (Cornell), UTSG  rankin@geog.utoronto.ca
Comparative market regulation, South Asia, Southeast Asia, North America
Critical development studies
Planning history and theory
Urban governance and commercial gentrification

Susan Ruddick, PhD (UC Los Angeles), UTSG  ruddick@geog.utoronto.ca
Philosophy and its influences on geographic thought
Social justice

Matti Siemiatycki, PhD (British Columbia), UTSG  siemiatycki@geog.utoronto.ca
Community and regional planning
Infrastructure finance and delivery
Transportation policy and planning

Rachel Silvey, PhD (Washington), UTSG  silvey@geog.utoronto.ca
Critical development studies
Indonesia
Migration
The politics of Islam
Transnational feminism

Andre Sorensen, PhD (LSE), UTSC  sorensen@utsc.utoronto.ca
Sarah Wakefield, PhD (McMaster), UTSG  sarah.wakefield@utoronto.ca
Community development and neighbourhood change
Community-engaged scholarship

6 Chair, Department of Human Geography, UTSC
Critical health geography
Environmental justice/just sustainability
Mobilizing for community food security in Canada

Alan Walks, PhD (Toronto), UTM  alan.walks@utoronto.ca
Kathi Wilson, PhD (Queen’s), UTM  kathi.wilson@utoronto.ca

Professors, Teaching Stream:

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

Associate Professors:

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


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

Associate Professors, Teaching Stream:

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

Assistant Professors:

Matthew Adams, PhD (McMaster), UTM  md.adams@utoronto.ca
Laurel Besco, PhD (Ottawa), UTM  laurel.besco@utoronto.ca
Michelle Daigle, PhD (Washington), UTSG  m.daigle@utoronto.ca
Carolyn DeLoyde, PhD (Queen’s), UTSG  carolyn.deloyde@utoronto.ca
Heather Dorries, PhD (Toronto), UTSG  heather.dorries@utoronto.ca
Rachel Goffe, PhD (CUNY Graduate Center), UTSC  rachel.goffe@utoronto.ca
Christopher Higgins, PhD (McMaster), UTSC  cd.higgins@utoronto.ca
Zachary Hyde, PhD (British Columbia), UTSC  zachary.hyde@utoronto.ca
Vincent Kuuire, PhD (Western Ontario), UTM  vincent.kuuire@utoronto.ca
Igor Lehnherr, PhD (Alberta), UTM  igor.lehnherr@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
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**Sessional II Instructors:**
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Department Offers

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

Faculty

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Professor:

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

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

Maycira Costa, PhD (Victoria) maycira@uvic.ca
  Biophysical remote sensing of freshwater, coastal waters, and nearshore habitats
  Water optics
  Biophysical remote sensing of wetlands

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

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Participatory action research  
Situated urban political ecology  
Waste governance  
Social and solidarity economy  
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Associate Professor:

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Geographic information systems  
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Snow and sea ice variability and climate change  
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Socio-ecological systems  
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Plurality of knowledge  
Tundra  
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Climate policy and practice  
Forest governance  
Africa studies  
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Water  
Community  
Nature-based solutions  
Techno-ecological synergy  
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Eelgrass ecogeomorphology  
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Geochronology  
Ice sheet dynamics  
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Human-environmental interaction  
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Participatory community-based research  
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Feminist geography  
Geographies of intimate partner violence  
History of geography  
Geography pedagogy and professional development  
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GIS  
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Cameron Owens, PhD (Simon Fraser)  
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Field school learning  
Sustainable community development  
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Urban social geography  
Global migration  
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Caribbean studies

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Field school learning
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Yonas Dibike, PhD (Delft), Adjunct Professor
Trisalyn Nelson, PhD (WLU), Adjunct Professor
Nathaniel Newlands, PhD (UBC), Adjunct Professor
Paul Paquet, PhD (Alberta), Adjunct Professor
Christopher Pearce, PhD (Laval), Adjunct Professor
Daniel L. Peters, PhD (Trent), Adjunct Professor
Pamela Shaw, PhD (UVic), Adjunct Professor
Rajesh Shrestha, PhD (Karlsruhe), Adjunct Professor
Ian Walker, PhD (Guelph), Adjunct Professor
Fred Wrona, PhD (Calgary), Adjunct Professor
Stephen F. Cross, PhD (Stirling), Adjunct Associate Professor
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Albert Refiti, PhD (Auckland), Adjunct Associate Professor
Rick Rollins, PhD (Washington), Adjunct Associate Professor
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Rianna Burnham, PhD (UVic), Adjunct Assistant Professor
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Grant Murray, PhD (Michigan), Adjunct Assistant Professor
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Department Offers

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

Faculty

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  Transportation planning
  Weather hazards
  Climate change adaptation
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  Climate-lake interactions
  Numerical modelling and remote sensing of lake ice
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  Global health
  Philosophies of science
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  Remote sensing of global snow water equivalent from passive microwave measurements
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- 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  
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- Community energy planning, regional development initiatives

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- Reclamation  
- Soil-vegetation-atmosphere interactions  
- Alpine hydrometeorology

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- Sustainable tourism  
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- Rural transformation  
- Environment-development interfaces, sustainable communities

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- Land disturbance and water quality  
- Stormwater management

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- Peatland restoration and reclamation  
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- Sustainability entrepreneurship ; Sustainability policy  
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Agent based modelling
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Land use change
Natural resources management

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Capacity building
International development
Natural hazards
Parks and protected areas
Resource and environmental management

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Modelling of climate variability and change
Atmospheric teleconnections
Aerosol-climate interaction
Cryosphere-climate interaction

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Government use of geospatial technology
Mobile devices
Open data
The geospatial web 2.0

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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

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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;
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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

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Adaptation and climate change
Community based assessment
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Social justice  
Identities and belonging  

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Economic geography  
Entrepreneurialism and startup economies  
Feminist geography, queer geography and sexuality
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Remote sensing and  
Target interactions with permafrost and lakes in Arctic, sub-Arctic and Temperate regions
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Fluvial geomorphology, water resources, hillslope erosion and watershed processes, remote sensing of rivers, UAVs
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Lecturers:
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Department Offers

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

Faculty

Professors Emeriti:  
Elaine Bjorklund, PhD (Chicago)  
Richard Butler, PhD (Glasgow)  
Don Cartwright, PhD (Western)  
Robert Cecil, PhD (McGill)  
William Code, PhD (Berkeley)  
Milford Green, PhD (Ohio State)  
Don Janelle, PhD (Michigan State)  
Brian Luckman, PhD (McMaster)  
Gordon McBean, PhD (British Columbia)  
Robert McDaniel, PhD (Western)  
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Third World development issues (especially Africa)
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Fluvial geomorphology
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Environmental risks from hazards
Health
Methodology
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  Wetland ecosystem science
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  Remote sensing
  Watersheds
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  Health geography
  Urban studies
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  GIS and health
  HIV/AIDS
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  Globalization and agriculture
  Land reform and social movements
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Gender
Public places

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East Africa
Political ecology

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GIScience & Society
Digital location
Geolocation
Platform economy

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GIS and other spatial analysis techniques in the study of movement
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Paleoecology
Paleoecology
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Water quantity and quality

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Community-based research
Health impacts of environmental change
Mixed methods
Social determinants of health
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Department Offers

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Faculty

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Visualization of climate change data  
Climate change and variability in the Western Interior  

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Development and application of stable-isotope methods for evaluating isotopic compositions of organic and inorganic materials from natural archives such as groundwater, lake sediments, and terrestrial organic matter  
Pre- and postglacial isotope-climate and hydrology linkages in central and western North America and Western Europe  
Water, climate and greenhouse gas emission studies using isotope tracers; isotope geochemistry; isotope climatology and paleoclimatology  

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Composition of main belt asteroids  
Design of planetary spectrometers and mission concepts  
Hyperspectral remote sensing data analysis  
Remote sensing detection of organic geological materials  
Spectroscopic studies of art work for forgery and underpainting detection  
Surficial geological properties of Mars  

Jino Distasio, PhD (Manitoba)  
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Downtown redevelopment  
Homelessness and mental health  
Housing markets  
Urban Indigenous policy  
Urban and community planning  

Patricia Fitzpatrick, PhD (Waterloo)  
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Environmental assessment  
Public participation and learning  
Environmental governance, including adaptive management and corporate social responsibility  
Resource management in the mineral and hydroelectric sectors
Associate Professors:

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Climate change
Modelling clouds and ultra-violet biologically active radiation (UV-B)
Modelling the energy transfer of high latitude Canadian lakes
Surface-atmosphere interactions and boundary layer processes

Nora Casson, PhD (Trent)  n.casson@uwinnipeg.ca
Interactions between hydrological and biogeochemical processes across ecosystems

Matt Dyce, PhD (UBC)  m.dyce@uwinnipeg.ca
Western Canada
Environmental history
Photography and representation
Archives and knowledge
History of geography
Place and public memory

Ian Mauro, PhD (Manitoba)  i.mauro@uwinnipeg.ca
Indigenous and local knowledge regarding climate change
Food security and local knowledge
Indigenous health systems
Multi-media methods in geography and environmental science
Resource development and communities
Risk assessment of emerging technologies

Christopher Storie, PhD (Wilfrid Laurier)  c.storie@uwinnipeg.ca
Satellite Image Segmentation using Deep Learning and Convolution Neural Networks
Mapping of Informal Settlements in the Developing World using Satellite Imaging Applications
Commercial structure and retail location analysis
Geospatial analysis of urban areas

Joni Storie, PhD (Waterloo)  j.storie@uwinnipeg.ca
Application of GIS & remote sensing for agriculture, wetland and forestry mapping
Exploring advancements in field data collection for land cover mapping using machine learning

Gina Sylvestre, PhD (Manitoba)  g.sylvestre@uwinnipeg.ca
Winter pedestrianism
Rural aging, mobility and community sustainability
Aging and social exclusion

Marc Vachon, PhD (Ottawa)  m.vachon@uwinnipeg.ca
Architecture and city planning (Western Canada)
Architecture and Sense of place
20th Century cultural avant-garde
Migration (western Canada)
Downtown development (Western Canada)
Land use development
Situationism

_Instructor_

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Dendrochronology
Dendroclimatology
Climate change impacts on boreal forest trees
Forest carbon

_Professor Emeritus:_

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Hutterite Society
Jewish agricultural settlement on the prairies
The historical geography of Cooks Creek, Manitoba

_Senior Scholars:_

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The Assiniboine River basin

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

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Juliane Collard, PhD (UBC) juliane.collard@viu.ca
Alan Gilchrist, PhD (U. Liverpool) alan.gilchrist@viu.ca
Michael Govorov, PhD (Siberian State Academy) michael.govorov@viu.ca
Jeff Lewis, PhD (U. Victoria) jeff.lewis@viu.ca
Michele Patterson, MA (Royal Roads) michele.patterson@viu.ca

Matthew Bowes, PhD (U. Victoria)
- Human dimensions of natural resource management
- Urban & Regional planning and management
- Sustainability
- Social and cultural geography

Dave Cake, MSc (U. Victoria)
- Wildlife habitat modeling
- Engineering and environmental applications of GIS
- Geodatabase design and implementation

Juliane Collard, PhD (UBC)
- Social geography, law and society, science and society, political ecology, feminist geography, theory and methods, political ecologies of health and the body, feminist political economy, assisted reproduction, biological and social reproduction, capitalism.
- *Post-doctoral Fellow, University of Bern, Switzerland (2020-2022)*

Alan Gilchrist, PhD (U. Liverpool)
- Macroscale geomorphology
- Watershed restoration in coastal British Columbia
- Water resources management on Vancouver Island

Michael Govorov, PhD (Siberian State Academy)
- GIS and spatial analysis
- Remote sensing
- GIS programming

Jeff Lewis, PhD (U. Victoria)
- Awareness of climate change through education and research – public outreach
- Climate change impacts and adaptation
- Vancouver Island weather station network

Michele Patterson, MA (Royal Roads)
- Climate adaptation policy
- Social and cultural values in seafood and seafood communities
Member, VIU President’s Task Force on Climate Action and Sustainability
Chair, Geography Department and GIS Programs
Pam Shaw, PhD (Victoria)    pam.shaw@viu.ca
   Planning and the public interest
   Retail geography
   Chair, Master of Community Planning Program
   Research Director, Mt Arrowsmith Biosphere Region Reserve Institute (MABBRI)
Sean Sloan, PhD (U. Melbourne)    sean.sloan@viu.ca
   Conservation and Development
   Rural transitions and forest management
   Social-political and agrarian dimensions of land-cover transitions
   Forest transition science (sub-field of sustainability science)
   VIU Tier 2 Canada Research Chair in the Human Dimensions of Sustainability and Resilience
Hannah Wilson, PhD (Waterloo)    hannah.wilson@viu.ca
   Educational advances in spatial analysis
   Remote predictive mapping - mineral resources in Canada’s North
   Remote sensing applications in resource management
   Terrestrial ecosystems
Paul Zandbergen, PhD (UBC)    paul.zandbergen@viu.ca
   Geographic Information Science
   Spatio-temporal analysis and modelling
   Positioning technologies and location-based services
   Error propagation modelling in spatial processes
   Terrain analysis and watershed management

Sessional / Adjunct Faculty:
Don Alexander, PhD (Waterloo) (Retired regular faculty)    don.alexander@viu.ca
   Theory and practice of urban sustainability/ livability
   Urban governance and the climate crisis
   Universities as vehicles for sustainability theory and practice
   Honorary Research Associate, VIU Master of Community planning program
Bill Floyd, PhD (UBC)    bill.floyd@viu.ca
   Forest hydrology with focus on land-use impacts to stream flow and water quality
   Implications of climate change on regional stream flow and extreme events
   Nutrient export from forested watersheds
Zuzana Kornatovska, (U S. Bohemia – Czech Republic) zuzana.kornatovska@viu.ca
   Adaptive recreation, accessibility
Brad Maguire, PhD (Victoria)    brad.maguire@viu.ca
   GIS, Geomorphology, Spatial Modelling, GeoAI (Convolutional Neural Networks)
   Using GIS and CNN for landform identification
   Mapping of place and place attachment using GIS
Michael Tripp, PhD (Victoria) (Retired regular faculty) michael.tripp@viu.ca
   Historical geography—immigration
   Russian protected area systems / post-Soviet Russia
   Suburban social geography
Technician:
Jessica Craig, MSc (Victoria)  jessica.craig@viu.ca
  Macroscale geomorphology
  Quaternary geology
  Geography education
Wilfrid Laurier University
Department of Geography and Environmental Studies
75 University Avenue West, Waterloo, ON N2L 3C5
(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) ablaypalmer@wlu.ca
UNESCO Chair in Food, Biodiversity and Sustainability Studies
Globalization
Green economy initiatives
Multi-scaled economic development
Sustainable food systems

Mary-Louise Byrne2, PhD (McMaster) mlbyrne@wlu.ca
Aeolian geomorphology
Coastal geomorphology
GIS application in coastal environment
Great Lakes sand dunes
Stratification in coastal sand dunes

Jonathan Crush, PhD (Queens) jcrush@wlu.ca
International Migration and Diasporas
Urban Food Security
African Politics and Development

Simon Dalby, PhD (Simon Fraser) sdalby@wlu.ca
Climate security
Environmental geopolitics

Sean T. Doherty, PhD (Toronto) sdoherty@wlu.ca
Applications of Global Positioning Systems

1 Directory listing last updated in 2020
2 Chair (faculty information as of July 1, 2019)
Diabetes management and decision support systems
Experience sampling methods
Healthy parks and physical activity
Local food messaging systems
Mobility and health

Philip Marsh³, PhD (McMaster) pmmarsh@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 educational
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

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:


Professors Emeriti²:

Email Address:

Rick L. Bello, PhD (McMaster) bello@yorku.ca
Airborne deposition on ponds on the Hudson Bay Lowlands (HBL)
Changes in wind and wave energy on the Great Lakes
Effects of snow drifting on shrub growth on HBL
Methane ebullition from ponds on HBL
Sensitivity of poikilohydric plants to climate change (HBL)
Urban evaporation

Lucia Lo, PhD (Toronto) lucialo@yorku.ca
Intellectual migration and the global race for talent
Ethnic/immigrant economy, entrepreneurship, and consumer behavior
Chinese diaspora

Lewis Molot, PhD (Alaska) lmolot@yorku.ca
Iron and phosphorus co-regulation of cyanobacterial abundance in freshwaters

Glen Norcliffe, DSc (Bristol) gnorclif@yorku.ca
The globalization of industry and sport
Extractive peripheries
Geographical construction of technology

¹ Listing is for members appointed to the Graduate Program in Geography
² Actively recruiting/supervising graduate students
Diverse geographies of industry and of its globalization
Performance of the economy
Valerie Preston, PhD (McMaster)  vpreston@yorku.ca
Feminist geography
Geographies of housing and labour markets
International migration and Canadian cities
Urban social geography

Peter Vandergeest, PhD (Cornell)  pvander@yorku.ca
Agrarian change
Alternative agriculture
Environmental governance
Fisheries and forestry
Southeast Asia

Professors:

Alison Bain, PhD (Cambridge)  abain@yorku.ca
Creative city theory and cultural planning
Gender and sexual identity politics
Geographies of artistic labour, creative practice, and cultural production
Public space contestations and interventions
Redevelopment and social inclusion in neighbourhoods, cities, and suburbs
Urban social, urban cultural, and feminist geography

Ranu Basu, PhD (Toronto)  ranubasu@yorku.ca
Space, power and the city
Critical geographies of education
Migrants and the city
Cuba, Toronto, Kolkata
Urban social and political geography
Critical Geographic Information Systems (GIS)

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 Hovorka3, 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

3 Dean, Faculty of Environmental & Urban Change
African immigrant religion and cultural identity
Critical development theory
Geographies of development and health
Neoliberalism and globalization in Africa
Religious transnationalism

Linda Peake, PhD (Reading) lpeake@yorku.ca
Caribbean geography, especially Guyana
Critical methodologies, especially transnational feminist praxis
Feminist, social, and urban geography
Mental health and the academy

Anders Sandberg, PhD (McGill) sandberg@yorku.ca
Climate/environmental justice
Forest, environmental and conservation history
Gentrification of conservation
Pedagogies of space and place
Politics of science and planning
Political economies and ecologies of natural resources
Sustainability and social democracy

Jamie Scott, PhD (Chicago) jscott@yorku.ca
Geography and postcolonial literature
Literary tourism and industrial heritage
Geography and world religions
Pilgrimage and religious tourism

Patricia Wood4, PhD (Duke) pwood@yorku.ca
Citizenship, activism and protest
Indigenous title and property rights
Urban and regional governance in Canadian cities
Diversity and politics of identity in Ireland
Mobility justice

Kathy L. Young, PhD (McMaster) klyoung@yorku.ca
Arctic wetland hydrology
Arctic snow hydrology
Hydrology of extreme environments

Associate Professors:

Kean Birch, PhD (Oxford Brookes) kean@yorku.ca
Economic geography
Technoscientific capitalism
Assetization and rentiership
Political economy of innovation
Digital economies, personal data, and AI
Bioeconomies

Laam Hae, PhD (Syracuse) lhae@yorku.ca

4 Graduate Program Director
Legal geographies  
Neoliberal urbanization  
Politics of urban subcultures  
The right to the city  
Urban political economy  
Urbanization in South Korea

William Jenkins, PhD (Toronto)  
North American immigration history  
Irish Studies  
Historical geography  
Nationalism studies  
Diasporas and transnationalism

Stefan Kipfer, PhD (York)  
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)  
Limmnology  
Paleolimnology  
Arctic/subarctic environmental change  
Biogeography  
Environmental contaminants

Christopher Lortie, PhD (British Columbia)  
Biogeography  
Climate change  
Community  
Desert system restoration and management  
Invasion biology

Carlota McAllister, PhD (Johns Hopkins)  
Political ecology  
Political theology  
Latin American & Caribbean Studies  
Religion  
Revolution

Deborah McGregor5, PhD (U of T)  
Indigenous Environmental Justice  
Indigenous Governance; Sustainability  
Water Governance  
Indigenous Intellectual Traditions

Jean Michel Montsion, PhD (McMaster)  
Canada-Asia relations

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5 Canada Research Chair in Indigenous Environmental Justice
Critical ethnic and racial studies
Emotional landscapes
Gateway cities and community politics
International education

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
Black Studies
Diaspora & Transnational Migration Studies
Gender & Sexuality Studies
Environmental Justice
Appendix 1 / Annexe 1
THE CANADIAN ASSOCIATION OF GEOGRAPHERS
CONSTITUTION

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

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

Article III - Languages
English and French shall be the official languages of the Association.

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

Article V – Officers (Article V amended 2000)
The officers of the Association shall consist of a president, serving a two-year term; a vice-president or a past-president, each term consisting of one year; a secretary-treasurer elected for a period of three years; four national councillors elected at large for a period of three years; one student councillor elected at large for a period of two years; and one regional delegate from each of the Western Division, the Prairie Division, the Ontario Division, Quebec and the Atlantic Division, to be elected or designated for a three-year non-renewable term by the regional division or co-opted by the Executive Committee. The vice-president shall be elected biannually, will normally succeed to the office of the president in the year following the election, and will serve as past-president in the year following the two-year presidential term. During the year in which there is a vice-president there will not be a past-president; conversely, during the year that there is a past-president there will not be a vice-president. The national councillors shall be
elected on the basis of two vacancies per year in two years out of every three. The president, vice-president and councillors shall not be eligible for immediate re-election to the same office.

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

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

Article VIII - Elections
1. Only members of the Association may hold office in the Association and vote in elections.
2. A nominating committee will be elected at the Annual General Meeting. It will be composed of five members: the Vice-President or Past President as chair, the previous Past President, two members elected at the Annual General Meeting, and one member of the Executive Committee to ensure equitable representation.
3. A call for nominations to those positions on the CAG Executive Committee, which will become vacant during the coming year, will be circulated to the membership. Nominations must be supported by two members of the Association, and the nominee must have indicated in writing her/his acceptance of the nomination.
4. The nominating committee will prepare a slate of candidates with the names of candidates nominated by the membership as well as its own nominations.
5. The Secretary-Treasurer shall conduct the election by mail prior to the annual business meeting.
Article IX - Constitutional Change
1. Any member in good standing may propose a change in the Constitution providing the signatures of five other members in good standing have been secured.
2. The secretary-treasurer will circulate the proposed change to the membership by mail.
3. Ratification of the change requires the approval of two-thirds of the members who return the ballot within the specified time.

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

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

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

Article XIII - Awards
1. The Executive may constitute awards to further the interests of the Association and of Geography.
2. An awards committee shall be appointed annually by the Executive to select appropriate nominees for CAG and other awards to be submitted to the Executive for final approval.
L’ASSOCIATION CANADIENNE DES GÉOGRAPHES
CONSTITUTION

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

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

Article III - Langues
Le français et l'anglais sont les langues officielles de l'Association.

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

Article V - Membres du Comité directeur (Article V amendée 2000)
Le Comité directeur de l'Association comprend: une présidente ou un président, élu pour deux ans; un-e vice-président-e ou un-e président-e sortant-e, qui remplit dans chaque cas un mandat d'un an; une secrétaire-trésorière ou un secrétaire-trésorier élu pour trois ans; quatre conseillers nationaux qui sont élus par tous les membres de l'Association pour un mandat de trois ans; un conseiller étudiant élu par l'ensemble des membres pour un mandat de deux ans; un-e délégué-e régional-e de chacune des divisions ou régions suivantes: division de l'Ouest, division des Prairies, division de l'Ontario, le Québec et la division des Provinces atlantiques; ces déléguées et délégués sont élus ou désignés pour un mandat non renouvelable de trois ans par leur division régionale ou sont cooptés par le Comité directeur. L'élection à la vice-présidence a lieu tous les deux ans; la vice-présidente ou le vice-président remplace normalement la présidente ou le président l'année suivant l'élection et fait office de président-e sortant-e l'année qui suit son mandat de deux ans à la présidence. Il n'y a pas de président-e sortant-e pendant le mandat de la vice-présidente ou du vice-président; inversement, il n'y a pas de vice-président-e pendant le mandat de la présidente sortante ou du président sortant. Deux conseillers nationaux sont élus afin de remplir les deux postes...
vacants, deux années sur trois. La présidente ou le président, la vice-présidente ou le vice-président, et les conseillères et conseillers, ne peuvent remplir deux mandats consécutifs.

**Article VI - Fonctions du Comité directeur**

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

**Article VII - Responsabilités du Comité directeur**

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

**Article VIII - Élections**

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

4. Le comité des candidatures dresse la liste des candidats, y compris ceux proposés par les membres et ceux proposés par le comité.

5. Le secrétaire-trésorier tient l'élection par la poste avant la réunion administrative annuelle.

Article IX - Amendements à la Constitution

1. Tout membre de plein droit peut proposer un amendement à la Constitution sous réserve que sa proposition soit appuyée par écrit par cinq membres de plein droit.

2. La secrétaire-trésorière ou le secrétaire-tresorier porte l'amendement proposé à la connaissance des membres par courrier.

3. L'amendement est adopté s'il est approuvé par les deux tiers des membres qui auront fait parvenir leur bulletin dans les délais prescrits.

Article X - Assemblée générale annuelle

1. L'Association tient une assemblée générale chaque année, à la date et à l'endroit fixés par le Comité directeur.

2. La date et le lieu de l'assemblée générale annuelle doivent être annoncés aux membres avec un préavis de deux mois.

3. L'ordre du jour de l'assemblée générale est distribué à tous les membres avant la tenue de cette dernière; les membres doivent être tenus au courant des propositions d'amendement, de l'augmentation des cotisations et des propositions portant sur de nouveaux projets.

4. Le vote à la majorité absolue des membres de plein droit qui sont présents à l'Assemblée décide des questions soumises à cette dernière.

5. Le quorum est atteint en présence de 25 membres de plein droit.

Article XI - Sections régionales

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

Article XII - Groupes d'étude

1. Le Comité directeur accepte la formation d'un groupe d'étude si celui-ci est appuyé par au moins 15 membres de plein droit de l'Association.

2. Les groupes d'étude ont à leur tête une présidente ou un président élu et d'autres responsables, le cas échéant.

3. Les groupes d'étude soumettent un compte rendu annuel de leurs activités au Comité directeur.

4. Les groupes d'étude peuvent organiser des séances spéciales lors de l'assemblée générale annuelle et publier des articles dans les publications de l'ACG.

Article XIII - Prix

1. Le Comité directeur peut instituer des prix pour promouvoir les buts de l'Association et la géographie en général.
2. Les membres du Comité des prix sont nommés chaque année par le Comité directeur. Le Comité a pour mission de designer des candidates et candidats dont les noms sont ensuite soumis au Comité directeur pour approbation.
<table>
<thead>
<tr>
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<tbody>
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<td>1975</td>
<td>J. Gordon Nelson, University of Western Ontario 2014</td>
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<td>Alex T. Davidson, Environment Canada 2018</td>
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<td>1978</td>
<td>Ralph R. Krueger,* University of Waterloo 2022</td>
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</table>

* Deceased
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  1999  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  2003  John H. Britton
1979  F. Kenneth Hare  2008  André G. Gertler
1980  R. Cole Harris  2009  Graeme Wynn
1981  W. R. Derrick Sewell  2010  Barry Smit
1982  Maurice H. Yeates  2011  Geoffrey Wall
1983  J. Gordon Nelson  2012  Robin Davidson-Arnott
1984  Leslie J. King  2013  Richard Harris
1985  Larry S. Bourne  2014  George Lovell
1986  Timothy R. Oke  2015  Olav Slaymaker
1987  No Award  2016  Philip Dearden
1988  David F. Ley  2017  Jing Chen
1989  James R. Gibson  2018  Daniel Scott
1990  Paul-Yves Denis  2019  Maureen Reed
  Michael Goodchild  2020  Linda Peake
1991  Kenneth Hewitt  2021  Susan Elliott
1992  James Simmons  2022  Jason Gilliland
  Ming-Ko (“Hok”) Woo
1993  no award/non attribué  2018  Daniel Scott
1994  Jean-Claude Dionne  2019  Maureen Reed
  Bruce Mitchell  2020  Linda Peake
1995  Hugh French  2021  Susan Elliott
  R. Louis Gentilcore (posthumous)  2022  Jason Gilliland
1996  Pierre Richard
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
1973  Edward J. Pleva
1974  Benoit Brouillette
1975  J. Keith Fraser
1976  Pierre Dagenais
      J. Lewis Robinson
1977  Trevor Lloyd
1978  J. Wreford Watson
1979  Thomas R. Weir
1980  Lloyd G. Reeds
1981  J. Howard Richards
1982  Richard I. Ruggles
      William C. Wonders
1983  Ralph R. Krueger
      William J. Dean
      Norman L. Nicholson
1984  Peter J. Smith
1985  William J. Dean
      Norman L. Nicholson
1986  J. Brian Bird
1987  Marie E. Sanderson
1988  Geoffrey J. Matthews
      Robert W. Packer
1989  Ludger Beauregard
1990  Jacob Spelt
1991  Helen Rowland
      Roger Tomlison
1992  Donald Kerr
1993  Fernand Grenier
1994  Leszek Kosinski
1995  Olav Slaymaker
1996  John Parry
1997  S. Brian McCann
1998  no award/non attribué
1999  Mark W. Rosenberg
2000  Denis St-Onge
2001  Margaret North
2002  Bryan H. Massam
2003  Jean-Marie Dubois
2004  Audrey Kobayashi
2005  Peter G. Johnson
2006  Philip J. Howarth
2007  John C. Everitt
2008  Len Evenden
2009  no award/non attribué
2010  Bob Sharpe
2011  Iain Wallace
2012  Hugh Millward
2013  Evelyn Peters
2014  Bernard Thraves
2015  Dan J. Smith
2016  Valerie Preston
2017  Marilyne Jollineau
2018  no award/non attribué
2019  Wayne Forsythe
2020  Dan Shrubsole
2021  no award/non attribué
2022  no award/non attribué
Award for Excellence in Teaching Geography

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

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

Le Prix d'excellence pour l'enseignement en géographie

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

Le candidat doit être au moins professeur à temps plein ou à temps partiel, chargé d'enseigner un cours d'une année et être le premier responsable de l'organisation et de la présentation de la matière en classe cours. Normallement, 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
1998 Neil Field
1999 André Roy
2000 Lorne Bennett
2001 Robert Rogerson
2002 no award/non attribué
2003 Ben Moffat
2004 Geoff McBoyle
2005 Fes de Scally
2006 Brent Hall
2007 Michael F. Fox
2008 Susan E. Wurtele
2009 Norman R. Catto
2010 Jody Decker
2011 Kathi Wilson
2012 Michael J. Fox
2013 Catherine Nolin
2014 Robert Milne
2015 Don Boyes
2016 Ian O’Connell
2017 Jeff Hopkins
2018 Alana Boland
2019 Shivanand Balram
2020 CindyAnn Rose-Redwood
2021 Nicole Laliberté
2022 Lynn Moorman
**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.

<table>
<thead>
<tr>
<th>Year</th>
<th>Recipient</th>
<th>Year</th>
<th>Recipient</th>
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<td>Alistair McVey</td>
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<td>1999</td>
<td>Alistair McVey</td>
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<td>Frank Quinn</td>
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</table>
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 reconnaissancen de la qualité de la recherche d’un étudiant ou d’une étudiante de maîtrise ou de doctorat qui stimule la connaissance de la géographie du Canada. L’admissibilité au concours pour ce prix suppose que le ou la candidat(e) ait terminé son mémoire ou sa thèse à l’intérieur des deux années précédentes.

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

¹ Following a revision by the Executive of the terms of reference, the CAG relaunched this award in 2000.
2017  Brendan O'Neill, Carleton University
2018  Vincent Lecours, Memorial University
2019  Jonathan Luedee, University of British Columbia
       Paul van der Werf, University of Western Ontario
2020  Jessica Hallenbeck, University of British Columbia
2021  Paul Nesbit, University of Calgary
2022  Miranda Monosky, Memorial University
Appendix 6 / Annexe 6

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

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

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


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

2003 Allison M. Williams
2004 no award/non attribué
2005 Michael
2006 Philip Kelly
2007 no award/non attribué
2008 Isaac Luginaah
2009 Jason Gilliland
2010 Heather Castleden
2011 Jeffrey Masuda
2012 Rachel Bezner-Kerr
2013 Martin A. Andresen
2014 Matthew Schnurr
2015 Chantelle Richmond
2016 Simon Springer
2017 Jennifer Silver
2018 Jennifer Korosi
2019 Carissa Brown
2020 Gabriel Fauveaud
2021 Michelle Rutty
2022 Sarah Rotz
Appendix 7 / Annexe 7

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

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

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

4. Economic Geography Study Group / Groupe d'étude en 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 / 
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