Executive Committee 2021 Comité exécutif

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Neil Hanlon

Vice President / Vice-présidente
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Susan Elliott (Ontario)
Janna Wilson (Prairie / Prairies)
Chantal Déry (Québec)
Claire Hay (Western / Ouest)
Celeste Digiovanni (Student / Étudiante)

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

Executive Director / Directrice exécutive
Kathryn Laferrière

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

Website / Site web : www.cag-acg.ca
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## Geography Department Program Enrolment
### Academic Year 2020-2021

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**Note:** footnotes are on the following page iv.
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<sup>(a)</sup> Microprogramme en géomatique et analyse spatiale + DESS en géographie et études environnementales

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**Footnotes for table on page iii**

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

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

Faculty

*Professors Emeriti:*  
William Osei, PhD (Western Ontario)  
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*Associate Professor(s):*  
Nairne Cameron¹, PhD (Ottawa)  
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Food Systems and Access  
Spatial Analysis & GIS  
Land Stewardship

Chunhua Zhang, PhD (Saskatchewan)  
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Remote sensing and GIS applications (Agriculture and ecosystem recovery)

*Adjunct Professor(s):*  
Michael Doyle, PhD (Claremont Graduate School/Rancho Santa Ana Botanic Garden)  
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*Sessional Faculty:*  
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Interactions between people and the built and natural environments  
Community sustainability and vitality  
Inclusive spaces

¹ Department Chair
Department Offers

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

Faculty

*Professors Emeriti:*

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C. G. Rose, PhD (Clark)  
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*Professors:*

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Sustainable agriculture and food systems  
Food and water security  
Adaptation to climate change

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Climate change and the Quebec wine industry  
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Elisabeth Levac, PhD (Dalhousie)  
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Paleoceanography, Paleoclimatology  
Pollen and allergies

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

*Assistant Professor:*

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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
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Permaculture design  
Urban and community agriculture  
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Department Offers

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

Faculty

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Human geography, tourism  
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Hydrology, glacial geomorphology, meteorology  
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**Professor:**

Douglas Ramsey¹, PhD (Guelph)  
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Rural community well-being  
Rural tourism  
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Tourism impacts  
Downtown revitalization  
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Aging  
Dementia  
Care and caregiving  
Voluntarism  
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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)
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Wildlife ecotourism  
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Peatlands  
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Dion Wiseman, PhD (Indiana State)  
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Aaron Glenn, PhD (University of Manitoba)  
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Julie Chamberlain, PhD (York University)  
Critical urban social and cultural geography  
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Migrant communities and placemaking  
chamberlainj@brandonu.ca
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)  
Email Address:  
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)  
Email Address:  
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Feminist geography  
Gender and sexuality  
LGTTFQ issues  
Queer theory  
Social and cultural geography

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Email Address:  
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)  
Email Address:  
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

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

Associate Professors:

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

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

Jeff Boggs, PhD (UC Los Angeles)  jeff.boggs@brocku.ca
- Economic geography
- Economic evolution of the Niagara Region
- Locational dynamics of media industries
- Regional political economy
- Mixed methods research techniques
- Geographical pedagogy

David T Brown, PhD (McGill)  dbrown@brocku.ca
- Digital tourism and interpretation
- Municipal cultural mapping
- Niagara Greenbelt Gateway Project
- Friends of Laura Secord publications, projects, and initiatives: digital interpretation, Laura Secord Legacy Trail, community infrastructure projects
- Land management plans for the Niagara Parks Commission
- Trail and greenway management
- Sustainable integrated waste management theory and practice

Danuta De Grosbois, PhD (Carleton)  ddegrosbois@brocku.ca
- Sustainable tourism management
- Tourism certification
- Measurement of CSR performance
- CSR reporting in tourism industry

Atsuko Hashimoto, PhD (Surrey)  ahashimoto@brocku.ca
- Socio-cultural and human aspects of tourism development (especially women and children)
- Human rights issues in Tourism
- Sustainable Tourism Development in the rural areas
- Culinary Tourism
- Indigenous Tourism in Japan

Marilyne Jollineau, PhD (Waterloo)  mjollineau@brocku.ca
- Ecological measures of environmental stewardship
- Mapping and monitoring land-use/land-cover change over time
- Remote sensing
- Spatial data analyses

Kevin Turner, PhD (Wilfrid Laurier)  kturner2@brocku.ca
- Climate change
- Northern freshwater landscapes
- Hydrology
- Spatial analysis
- Paleolimnology

Ebru Ustundag, PhD (York)  eustundag@brocku.ca
- Urban geography
- Citizenship studies
- Feminist geographies
- Geographies of sex-work
- Geographies of health and addiction
- Scholarly activism
Adjunct Professors:

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

Department Offers

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

Faculty

Distinguished Research Professors: Email Address:
John Clarke, PhD (Western Ontario) John.Clarke@carleton.ca
Ethnicity and agriculture
Oligarchy and land in the second British Empire: Upper Canada 1788-1841
D. R. Fraser Taylor, PhD (Edinburgh) Fraser.Taylor@carleton.ca
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 Cybergcartographic form and publication

Professors Emeriti:


Chancellor’s Professors:

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

Professors:

Patricia Ballamingie, PhD (Carleton) Patricia.Ballamingie@carleton.ca
Food policy and food systems governance
Michael Brklacich, PhD (Waterloo) Michael.Brklacich@carleton.ca
Human dimensions of global environmental change
Rural and agricultural communities
Stephan Gruber, Dr. Sc. Nat. (Zurich) Stephan.Gruber@carleton.ca
Permafrost and impacts of its thaw
Cold environments at high latitude and high elevation
Elyn Humphreys, PhD (British Columbia)  Elyn.Humphreys@carleton.ca
Biometeorology
Carbon cycling in peatlands and Arctic tundra

Associate Professors:

Emilie Cameron, PhD (Queen's)  Emilie.Cameron@carleton.ca
Critical northern geographies
Geographies of Indigenous/non-Indigenous relations, colonialism, and
Geographies of resource extraction
Indigenous self-determination
Karen Hébert, PhD (Michigan)  Karen.Hebert@carleton.ca
Environmental politics in the subarctic North
Resource industries and commercial fisheries
Struggles over sustainability
Pablo Mendez, PhD (British Columbia)  Pablo.Mendez@carleton.ca
Housing and metropolitan change
Informality and urban livelihoods
Urbanization and grassroots politics
Scott Mitchell¹, PhD (Toronto)  Scott.Mitchell@carleton.ca
Land cover and vegetation mapping in managed landscapes
Spatial analysis of landscape pattern and environmental processes
Impacts of climate change and extreme weather on agriculture
Derek Mueller, PhD (Laval)  Derek.Mueller@carleton.ca
Arctic ice shelves and ice islands
Breakup of landfast sea ice
Ice-ocean and ice-atmosphere interaction
Peter Pulsifer, PhD (Carleton)  Peter.Pulsifer@carleton.ca
Inuit ecological knowledge
Cross-cultural collaborative research methodologies and ethics
Linking Inuit and scientific knowledge in decision-making
Murray Richardson, PhD (Toronto)  Murray.Richardson@carleton.ca
Geomatics and environmental geo-computation
High-resolution landscape analysis
Northern watershed ecosystems, cold region hydrology and water quality
Wetlands
Jennifer Ridgley, PhD (Toronto)  Jennifer.Ridgley@carleton.ca
Migrants’ rights and citizenship in the city
Urban policing and law enforcement
Derek A. Smith, PhD (Kansas)  Dereka.Smith@carleton.ca
Cultural geography
Indigenous knowledges
Forest use and conservation
Participatory mapping

¹ Chair (Faculty information as of September 1, 2021)
Sophie Tamas, PhD (Carleton)  Sophie.Tamas@carleton.ca
Arts-based and narrative-based research
Emotion, affect, identity and change
Post-traumatic bodies, places and things

Jill 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)  KoreenMillard@carleton.ca
Remote Sensing of environmental change
GIS, statistics, time series analysis, machine learning classification

Dipto Sarkar, PhD (McGill)  Dipto.sarkar@carleton.ca
GIScience, Social Network Analysis, OpenStreetMap, Biodiversity Conservation

Sheryl-Ann Simpson, PhD (Cornell)  SherylAnn.Simpson@carleton.ca
Migration, place and citizenship
Environmental justice, health and well-being
Spatial analysis (participatory, quantitative, qualitative, interpretive)

**Instructors:**

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

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

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

**Lecturer:**

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


Note: Contact information for Professors Emeriti and Adjunct Professors is available at http://www.carleton.ca/geography/staff-faculty/
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) brian.slack@concordia.ca
Transport geography with a focus on maritime transportation
Port planning and container shipping

Patricia A. Thornton, PhD (Aberdeen) patricia.thornton@concordia.ca
Population geography
Historical Geography of 19th Century Montreal
Mortality as an indicator of social and environmental justice

Emeritus Professors:

S. Robert Aiken, PhD (Penn State) robert.aiken@concordia.ca
Tropical deforestation
Cultural geography
Developing country environmental issues

Jacqueline M. Anderson, PhD (Wisconsin) jackie.anderson@concordia.ca
Cartographic visualization and design
Map user abilities
Map skills education

Max Barlow, PhD (McGill) geoplanenviro@concordia.ca
Metropolitan governance
Political geography

Leonard Sklar, PhD (California, Berkeley) leonard.sklar@concordia.ca
Fluvial, Hillslope, and Tectonic Geomorphology
Engineering Geology
Hydrology
Ecosystem Restoration
**Professors:**

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

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

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

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

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

**Associate Professors:**

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

Pierre Gauthier, PhD (McGill) pierre.gauthier@concordia.ca
- Urban morphogenesis
- History of development and planning practices in Quebec
- Impact of normative planning theories on urban form
- Transportation infrastructure and the quality of urban form

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

Jochen Jaeger, Dr. Sc. Nat. (Zurich) jochen.jaeger@concordia.ca
- Landscape ecology
- Road ecology
- Monitoring of landscape change
- Urban sprawl
- Ecological modelling
- Impact assessment
Ted Rutland, PhD (British Columbia)  
ted.rutland@concordia.ca
  History of urban planning, housing, and policing
  Race and racialization
  Urban political economy
Jeannine Marie St-Jacques PhD (Queens)  
jeanninemarie.st-jacques@concordia.ca
  Global environmental change
  Dendroclimatology
  Palynology and paleolimnology
  Climate models
  Hydroclimatology
Craig Townsend, PhD (Murdoch)  
craig.townsend@concordia.ca
  Transportation policy, projects and politics, particularly in relation to public transit
  Urban planning in the developing world

Assistant Professors:

Bengi Akbulut PhD (Massachusetts, Amherst)  
benci.akbulut@concordia.ca
  Ecological economics
  Political ecology
  Political economy of development
  Feminist economics
Silvano De la Llata, PhD (Cornell)  
silvano.delallata@concordia.ca
  Public space
  Participatory community planning
  Urban design
  Social movements and the right to the city
  Urban sociology
  Open-source urban systems
  Planning history
  Urban acupuncture
  Urban spatial theory and subaltern urbanisms
Youjung Kim PhD (Texas A&M)  
youjung.kim@concordia.ca
  Land change science
  Land use planning
  Planning methods
  Community resilience
  Urban design
Angela Kross, PhD (McGill)  
angela.kross@concordia.ca
  Geospatial technologies
  Ecosystem processes and their controls
Alexandra Lesnikowski, PhD (McGill)  
alexandra.lesnikowski@concordia.ca
  Climate change adaptation, Adaptation governance
  Adaptation policy analysis
  Comparative policy analysis
  Urban and regional planning
  Systematic evidence synthesis
Nalini Mohabir, PhD (Leeds)  nalini.mohabir@concordia.ca
    Postcolonial Geographies (regional focus: Caribbean)
    Decolonization
    Diaspora
    Urbanization in China

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

**Affiliate Professors:**

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

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

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

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

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

Amy Twigge-Molecey PhD (INRS)  amy.twigge-molecey@concordia.ca
    Urban Planning
    Neighbourhood and Community Planning
    Urban Sociology
Department Offers¹

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

Faculty of Architecture and Planning

Email Address:

Professors:

Sarah Bonnemaison, PhD (British Columbia) sarah.bonnemaison@dal.ca

School of Architecture

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

Ahsan Habib, PhD (Toronto) ahsan.habib@dal.ca

School of Planning and Department of Civil and Resource Engineering

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

Patricia Manuel, PhD (Dalhousie) patricia.manuel@dal.ca

School of Planning

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

Associate Professors:

Eric Rapaport, PhD (RIT, Stockholm) eric.rapaport@dal.ca

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

Associate Professors:

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

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

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

Faculty of Health

Associate Professors:

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

Faculty of Management

Professor Emeriti:

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

Professors:

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

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

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

Assistant Professors:

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

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

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

Instructors:

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

Lecturers:

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

Adjunct Instructors:

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

Faculty of Science

Associate Professors:

Claudio Aporta, PhD (Alberta)  claudio.aporta@dal.ca
Marine Affairs Program
Inuit use of the Northwest Passage; spatial perception; anthropology of place and space; anthropology of marine environments; coastal and urban development; cartographic representation; geospatial databases

Megan Bailey, PhD (British Columbia)  megan.bailey@dal.ca
*Marine Affairs Program*
Global seafood sustainability, fisheries economics, marine governance, global cooperation, transboundary fisheries, fisheries allocation, equity

Shannon Sterling, PhD (Duke)  shannon.sterling@dal.ca
*Department of Earth and Environmental Sciences*
Human impacts on global water cycle; surface water hydrology; impacts of land cover change on hydrologic systems and sediment transport

**Assistant Professors:**

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

**University Teaching Fellows:**

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

**Instructors:**

Christopher Greene, PhD (Ryerson)  csgreene@dal.ca
*Department of Earth and Environmental Sciences*
Geographic Information Science / Systems; Environmental Applications of Remote Sensing; Environmental Decision-Making; Urban Forestry

Amy Mui, PhD (Toronto)  amy.mui@dal.ca
*Department of Earth and Environmental Sciences*
Environmental remote sensing; GIS applications; threatened species habitat mapping; landscape connectivity modeling; biodiversity assessment

**Sessional Instructors:**

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

**GIS Centre, University Libraries**

**Lecturers:**

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

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

Faculty

Leonora King, PhD (UBC)  leonora.king@kpu.ca
Fluvial geomorphology and the linkages between biotic and abiotic processes in mountain channels, surface hydrology of the Greenland Ice Sheet using remote sensing and geographic information system (GIS) methods

Johannes Koch, PhD (Simon Fraser)  joe.koch@kpu.ca
Glacier history, geomorphology, dendrochronology, climate change, tree line fluctuations

Parthiphan Krishnan, PhD (Reading)  parthiphan.krishnan@kpu.ca
GIS applications in social area analysis, with foci in urban agriculture, emergency planning and social services

John Martin, MSc (Simon Fraser)  john.martin@kpu.ca
Surface/subsurface hydrology, water chemistry of lakes and wetlands

Mungandi Nasitwitwi, MSc (Simon Fraser)  mungandi.nasitwitwi@kpu.ca
Air pollution and climate change

Dola Pradhan, PhD (Victoria)  dola.pradhan@kpu.ca
Natural resource management, Coastal aquaculture in India

John Rose, PhD (British Columbia)  john.rose@kpu.ca
Suburban residential/commercial redevelopment and social displacement

David Sadoway, PhD (Hong Kong)  david.sadoway@kpu.ca
Asian urbanism; civic environmentalism; urban infrastructure and technologies and community informatics
Lakehead University
Department of Geography and the Environment
955 Oliver Road, Thunder Bay, ON P7B 5E1
(807) 343-8010 ext. 8357 — Fax (807) 343-8380
Email: geography@lakeheadu.ca
Website: http://www.lakeheadu.ca/academics/departments/geography

Department Offers

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

Faculty - Thunder Bay Campus

Professors Emeriti: Email Address:

Robert S. Dilley, PhD (McMaster) Robert.Dilley@lakeheadu.ca
Changes in the use of common lands in northern England since 1700
Weather in the novels of Arthur Ransome

David D. Kemp, PhD (Edinburgh) David.Kemp@lakeheadu.ca
19th and 20th century climate change in Northwestern Ontario
Global environmental issues
Weather, climate and the fur trade

Brian J. Lorch, PhD (Queen’s) Brian.Lorch@lakeheadu.ca
Big-box retail landscapes
Reconfiguration of Canadian regional shopping centres

Brian A.M. Phillips, PhD (Wales) brianph@shaw.ca
Ichthyofaunal and geomorphic evidence for pre-Agassiz and early Agassiz
discharges to Lake Superior through the Ontario/Minnesota borderlands
Post-Glacial Lake Needles and Lake Havasu – partly buried shorelines in the Tri-State portion of the Colorado River valley, as an explanation of the distribution of currently discovered Paleo sites

Bradley A. Wilson, PhD (Calgary) Brad.Wilson@lakeheadu.ca
Landscape and land cover diversity mapping and change detection
Mapping food security in urban and rural environments
Research of image processing techniques to extract useful information from complementary datasets such as radar, optical, and digital elevation models
Virtual Reality, stereoscopic visualizations for urban planning & other applications

Professor:

Todd A. Randall¹, PhD (McMaster) Todd.Randall@lakeheadu.ca
Attitudes towards urban intensification and diversification
Impacts of demographic changes on land use in Northern urban areas
Neighbourhood-scale evaluation of urban sustainability

¹ Dean, Faculty of Science and Environmental Studies
Urban planning applications of GIS

Associate Professors:

Adam Cornwell\(^2\), PhD (Toronto)  
acornwel@lakeheadu.ca  
Climatic changes in Northwestern Ontario  
Impacts of climatic change on water resources and agriculture  
Land surface modelling within global climate models  
Reduction of greenhouse gas emissions

Martha Dowsley\(^3\), PhD (McGill)  
Martha.Dowsley@lakeheadu.ca  
Biogeography of the Thousand Islands, Ontario  
Common property theory  
Inuit and natural resource management  
Polar bear conservation

Robert M. Stewart, PhD (Manitoba)  
Rob.Stewart@lakeheadu.ca  
Community-based natural resource management in Northwestern Ontario  
Flood hazards and social vulnerability in the Red River Basin, Manitoba

William R. Wilson, PhD (Saskatchewan)  
will@aspencroft.ca  
Conservation and historical biogeography in Inner Asia and Himalaya  
Geography and indigenous peoples  
Northern indigenous agriculture

Kamil Zaniewski, PhD (Amsterdam)  
Kamil.Zaniewski@lakeheadu.ca  
Glacial history of Northwestern Ontario  
Glacial history of Southwestern Manitoba  
Micromorphology of soils and glacial sediments

Assistant Professor:

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

Adjunct Professors:

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

Faculty - Orillia Campus

Associate Professors:

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

Assistant Professor (Non-Tenure Track):

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

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

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

Faculty

Professors Emeriti: Email Address:
Sherry Olson, PhD (John Hopkins) sherry.olson@geog.mcgill.ca
  A GIS platform for studying the 19th-century city
  Public health issues in Montreal 1880 and today
  Work environments in the 19th-century city
Wayne Pollard, PhD (Ottawa) wayne.pollard@mcgill.ca
  Permafrost geomorphology and cryostratigraphy: including processes associated
  with the formation and degradation of massive ground ice
  Permafrost hydrology: the interaction between groundwater and permafrost,
  including the study of perennial springs, icings and frost mounds in high
  latitudes
  Polar desert landscapes: the dynamics of landscape change under the extremely
  cold dry conditions of parts of the high Arctic and Antarctic
  Polar landscapes as analogues for Mars
George Wenzel, PhD (McGill) george.wenzel@mcgill.ca
  Northern peoples—renewable resource harvesting in Arctic Canada
  Canadian public policy and indigenous people
  Hunter-Gatherer subsistence and social economy
  Inuit memories of geophysical phenomena

Professors:
Gail Chmura, PhD (Louisiana State) gail.chmura@geog.mcgill.ca
  Wetland dynamics
  Biogeochemistry of tidal wetlands: particularly blue carbon (the carbon stored in
  salt marshes and mangroves) and greenhouse gas flux
  Paleo-environmental reconstruction, particularly of coastal systems
  Research programs on coasts of Canada and New England, examining
  responses of salt marshes and estuaries to variations in sea level, climate,
  nutrient enrichment, and anthropogenic disturbance
Oliver Coomes, PhD (Wisconsin-Madison) oliver.coomes@mcgill.ca
Floodplain agriculture and flood risk along Amazonian rivers
Peasant adaptation to abrupt environmental change
Poverty, livelihoods, and resource conservation in neotropical forests
Seed exchange among peasant farmers in Amazonia

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

Nancy Ross, PhD (McMaster) (on leave) nancy.ross@mcgill.ca
Contextual influences on body weight and health-related behaviours
Inequality and the health of urban populations
Physical and social environmental determinants of health
The socioeconomic gradient in health

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

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

Associate Professors:

Sebastien Breau¹, PhD (UC Los Angeles) sebastien.breau@mcgill.ca
Economic geography
Spatial dimensions of inequality
Regional development
Quantitative methods

Benjamin Forest, PhD (UC Los Angeles) benjamin.forest@mcgill.ca
Governance, political parties, and electoral geography
Monuments, memorials, and public memory
Political representation and redistricting/redistribution
Visible minorities, racial/ethnic identity, and gender

Margaret E. R. Kalacska, PhD (Alberta) margaret.kalacska@mcgill.ca
Remote sensing of tropical forest ecosystems, forensic applications of remote
sensing, modeling of tropical forest ecosystems

¹ Interim Chair (Faculty information as of July 1, 2021)
Michel Lapointe, PhD (British Columbia)  michel.lapointe@mcgill.ca
Geomorphic disturbances to rivers and their effects on fish habitat
Sediment transport mechanics in rivers
Transitions between channel pattern types

Bernhard Lehner, PhD (Frankfurt)  bernhard.lehner@mcgill.ca
Hydrologic simulation within a GIS environment, scale effects, and generation/evaluation of global data sets
Large-scale modeling of the terrestrial water cycle and the effects of climate change on water resources and hydrologic regimes

Graham MacDonald, PhD (McGill)  graham.macdonald@mcgill.ca
Food systems, including urban food and agriculture
Global land use
Globalization of food and agriculture
Social-ecological systems
Human impacts on global biogeochemical cycles

Kevin Manaugh, PhD (McGill)  kevin.manaugh@mcgill.ca
Social justice and inequality in urban areas
Transportation planning and travel behavior
Urban transport geography
History and planning of urban transportation systems
Spatial and social justice

Thom Meredith, PhD (Cambridge)  tom.meredith@mcgill.ca
Management of ecological resources and cultural adaptation in traditional resource-use systems
Environmental impact assessment
Community-based environmental decision support
Sustainable tourism and biodiversity conservation
Experiential environmental education and structuring safe, supportive and effective field courses

Sarah Moser, PhD (Singapore)  sarah.moser@mcgill.ca
Cultural politics of urban mega-developments
Urban and cultural geography, Asia and Middle East
Transnational circulation of urban policy and aesthetics
Geographies of exclusion
Performativity, nation-building

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

Raja Sengupta, PhD (Southern Illinois University-Carbondale)  raja.sengupta@mcgill.ca
GIS, Geographic Information Science (GiSci), Spatial Decision Support Systems (SDSS), software agents, application to spatial epidemiology, payments for environmental services, and water management
Renée Sieber, PhD (Rutgers)  renee.sieber@mcgill.ca
Geospatial ontologies in indigenous communities
GIS and the Geoweb in the environmental/conservation movements
Public participation Geographic information Systems (GIS)/participatory GIS in marginalized communities, community based organizations, and social movement groups
Use and development of e-commerce tools for use in marginalized communities.
Use of information and communications technology (including Web 2.0) by non-governmental organizations in influencing climate change policy

Ian Strachan, PhD (Queen's)  ian.strachan@mcgill.ca
Marsh wetland carbon dynamics
Carbon emissions from restored and drained peatlands
Greenhouse gas emissions from agricultural systems

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

Assistant Professors:

Mette Bendixen PhD (University of Copenhagen)  mette.bendixen@mcgill.ca
Gaining quantitative understanding of dynamic landscape processes and examine the impact of these on the coupled human- natural system.
Understanding the Arctic landscape changes and sediment dynamics climate and their implications for local communities
Document the complex relationships between a growing global demand for sand and gravel (aggregates) and a sustainable development.

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

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Geographic Information Science
Quantitative dimensions of Place and Space
Geospatial privacy and security
Human mobility patterns and trajectory analysis
Mylene Riva, PhD (University of Montreal)                  mylene.riva@mcgill.ca
          Health geography
          Social and environmental determinants of health
          Housing
          Energy poverty
          Place effects on health
          Indigenous Peoples’ health
          Population health intervention research
          Quantitative and mixed methods

Christian von Sperber, PhD (ETH Zurich)                  chris.vonsperber@mcgill.ca
          Biogeochemical cycling of phosphorus and nitrogen in soils
          Stable isotopes of C, N and O as tracers in environmental systems
          The effect of land-use changes on soil-nutrient pools
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Air pollution, climatology
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Forest carbon and water cycles
Global climate models
Hydrometeorology and biometeorology

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3D facies architecture of shallow marine
Paralic, fluvial depositional systems
Sequence stratigraphy

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Cold regions
Hydrology, biometeorology
Landscape disturbance
Reclamation

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Disability in the Global South
Emotions and diversity in the Occupy movement
Experiences and representations of mental ill health
Geographies of disability
Geographies of gender
The inclusion and exclusion of women in northern Canadian communities

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Hydroclimatic modelling and forecasting
Hydrology, hydrologic data assimilation
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Tectonic versus climatic controls on sedimentation in glaciated basins

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Forest management and stream health
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Internal migration in Canada and the United States
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Micropaleontology (foraminifera)
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Activity-based approaches to travel analysis and modeling
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 Geographic info systems for transportation (GIS-T)

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Contaminant hydrogeology
Environmental and Organic Geochemistry
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Health determinants  
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Human dimensions of environmental change
Indigenous knowledge
Inuit Nunangat (Inuit homelands)
Northern governance and co-management
Cross-cultural research ethics and methodologies

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Aboriginal identity and work in natural resource, labour and the environment
Construction trades unions
Equity and unions
Gender

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Sedimentary geology
Stable isotope geochemistry
Teaching and learning environments

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Crime geomatics
Cluster detection methods and theory
Child health
Injury epidemiology
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Geographies of globalization
Social and cultural geography
Socio-economic dynamics of cities
Food access, inequality and urban life

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Biological controls on climate change
Environmental geochemistry of redox sensitive elements
Geomicrobiology, Virology
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Remote Sensing of Vegetation
Phenology
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Climate Change Impact

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Changing social geographies of Canadian cities
Pedagogical studies including the assessment of the effectiveness of teaching and learning methods
Philosophies of teaching
Teaching and learning environments

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Human-environment interactions in mangrove forests in the Philippines
Human-forest interactions in the Caribbean
Research methodology in human ecology

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

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

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Biodiversity monitoring and conservation  
Environmental hazard and risk assessment  
Geographic Information Systems  
Geovisualization

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Cultural industries  
Ramen geographies

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Climate change and people  
Urban issues  
Social equity  
Rural and First Nations communities

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Acadian forest disturbance history  
Dendrochronology  
Dendroarchaeology

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Native seed quality and certification  
Grassland restoration

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  Land-use by elders and community members
  Elsipogtog FN land claims
  Indigenous environmental knowledge

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  Phytoplankton eco-physiology

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  Microplastic pollution
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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 also as the General Science program.

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Ecosystem-based management

John F. Meligrana⁴, PhD (Simon Fraser)  jmeligra@queensu.ca
Local government reform
Regional governance
Urban-rural fringe
Urban planning and development in China

Neal Scott, PhD (Colorado State)  neal.scott@queensu.ca
Terrestrial biogeochemistry
Greenhouse gas dynamics in temperate and arctic ecosystems
Land-use change
Watershed dynamics

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

¹ Canada Research Chair
³ Acting Director of SURP – Winter 2022
⁴ Director of SURP – Fall 2021
Assistant Professors:

Grace Adeniyi Ogunyankin, PhD (York)  grace.adeniyiogunyankin@queensu.ca
  Neoliberal urbanism
  Gender and urban planning
  Postcolonial urbanism
  Cultural geography
  Youth geographies
  Emotional geographies

John Andrew, PhD (Toronto)  andrewj@queensu.ca
  Commercial real estate financial feasibility analysis
  Environmental issues in buildings and land
  Conflict management and public consultation in real estate planning
  Real estate decision-making and investment strategy
  Transportation infrastructure development and public-private collaboration

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

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

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

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

Christopher Omelon, PhD (Toronto)  c.omelon@queensu.ca
  Microbial/aqueous geochemistry
  Geomicrobiology
  Hydrogeology
  Microbialites
  Endolithic habitats
  Polar landscapes
  Climate change
Carolyn Prouse, PhD (UBC)  
Anticolonial urbanism  
Social reproduction  
Political ecology  
Critical race feminism  
Bioeconomies  
Infrastructure  

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Glacier monitoring  
Arctic climate  
Ice dynamics  
Glacier mapping (photogrammetry, remote sensing)  
Ice-penetrating radar  

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Robert G. Way, PhD (Ottawa)  
Physical geography  
Climatology  
Northern studies  
Cryospheric sciences  
Geophysics  
Numerical modelling  
Remote sensing  

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Department Offers

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

Associated Interdisciplinary Programs

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

Faculty

Professors Emeriti:

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

Professors:  

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

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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:

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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
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Sara Edge, PhD (McMaster)  
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- 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)  
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- Critical 'race' theory, postcolonial theory, and theories of space  
- Migration and settlement geographies, transnationalism, urban inequalities, particularly access to housing  
- Regional Geography of ‘South Asia’ with particular reference to India

Andrew Millward, PhD (Waterloo)  
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- 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)  
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- Exposure assessment  
- Environmental modelling  
- Health risk assessment  
- GIS and spatial statistics  
- Health and medical geography

Claire Oswald, PhD (Toronto)  
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- 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)  
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- Sustainability Indicators  
- Sustainable Development  
- Landscape Ecology  
- Global Change  
- Landscape Planning

Eric Vaz, PhD (NOVA, Lisbon)  
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- 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

---

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6 President, Canadian Geophysical Union - Hydrology Section
Assistant Professors:

Evan Cleave\(^7\), PhD (Western Ontario)  
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- 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)  
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- Human-environment interaction  
- Hazards, Flood  
- Risk, vulnerability  
- Climate change adaptation

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- Watershed modelling and analysis  
- Environmental statistics and uncertainty analysis  
- Agroecosystem hydrology and water quality  
- Urban hydrology and water quality

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- Resource extraction and settler colonialism  
- Climate change, environmental racism, colonial toxicity

Madeline Whetung, PhD Candidate (UBC - Vancouver)  
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- Decolonization, gender, race, law, and violence  
- Violence and harm across multi-scaler, 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)  
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- Citizenship and identity  
- Disability and Accessibility  
- Geography of Toronto  
- Globalisation and territory  
- Immigration and transnationalism  
- Relocation/dislocation of residents in the urban gentrification process

\(^7\) Treasurer, Canadian Association of Geographers - Ontario Division (CAGONT) and Chair of the CAG Urban Geography Study Group
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<td>Wastewater Treatment and Reuse</td>
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<td>Solid Waste Management</td>
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<td>Globalization, world cities, and regional sustainability</td>
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**Adjunct Professors:**

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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

Faculty

Professors Emeriti:

E. E. Douglas Day, PhD (Sheffield)
Robert J. McCalla, PhD (Hull)
Hugh Millward, PhD (Western Ontario)

Professors:  

Email Address:

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

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

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

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

Associate Professors:

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  Historical and cultural geographies of tourism in Nova Scotia and beyond

¹ Chair
Nature, place, and meaning in Halifax parks
Survey science and statecraft in the 19th-century Canadian West
Min-Jung Kwak, PhD (University of BC) min-jung.kwak@smu.ca
  Globalization and transnational migration
  International education industry
  Immigrant entrepreneurship
  Immigrant health care services
Mathew Novak, PhD (Western Ontario) m.novak@smu.ca
  Urban planning & development
  Retail geography
  The built environment/urban morphology

Adjunct Professors:
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  Sustainable agriculture: soil organic matter and nutrients in perennial pasture
  Sustainable forestry: tree diversity in forests; advance regeneration of tree species; willow short rotation coppice; soil acidification, soil amelioration
  Participatory development of agriculture and forestry
Peter Bush, PhD (Western Ontario) peter.bush@novascotia.ca
  Landscape ecology
  Old-growth forests
  Geomatics
  Protected areas
Michael Fox, PhD (McGill) mfox@mta.ca
  University-community relations
  Transportation issues
  Geographic education
  Community-based planning
Ryan Gibson, PhD (Memorial) gibsonr@uoguelph.ca
  Rural development
  Economic geography
  Governance
Gavin Mason, PhD (University of Guelph) gavin.mason@canada.ca
  Marine environmental geoscience
Khan Rahaman, PhD (University of Tokyo; University of Calgary) khan.rahaman@smu.ca
  Climate change modeling, impacts, and vulnerability assessment
  Application of GIS and Remote Sensing in local warming modeling, disaster impacts and management
  Environmental management, sustainability, and urban health
  Urban built environment, pedestrianization, and non-motorized transportation planning
HM Tuihedur Rahman, PhD (McGill) hm.rahman@mail.mcgill.ca
  Climate vulnerability and adaptation
  Sustainable natural resource management
  Nature-based solutions
  Sustainable rural development
Kate Sherran
  Rural social science
  Sustainability transitions
  Landscape change
  Visual and spatial methods
Karen Harper, PhD (Alberta)
  Plant biogeography
  Forest edges
  Landscape heterogeneity
  Spatial pattern analysis

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Department Offers

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Faculty

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Professors: Email Address:

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  Law
  Space and power
  Property and space
Tracy Brennand¹, PhD (Alberta) tabrenna@sfu.ca
  Application of shallow geophysical surveys to geomorphic problems
  Glacial geomorphology and sedimentology
  Paleoenvironmental change
  Paleoglaciology
  Paleohydrology
  Quaternary environments
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  Forest conservation and conflict resolution
  Carbon pricing and climate change mitigation
  Environmental science, policy and open data
Valorie Crooks, PhD (McMaster) crooks@sfu.ca
  Disability and chronic illness
  Medical tourism
  Palliative health and social care
  Primary health care

¹ Chair
Suzana Dragicevic, PhD (Montreal) suzanad@sfu.ca
GIS and GIScience
Modeling spatial dynamic processes
Complex systems, AI and soft computing
Modeling land use and land cover changes

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

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Cultural Geography
Psychoanalysis
Social theory
Paranormal cultures

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Biochemistry of lakes in the MacKenzie Delta
Ecosystem biogeochemistry
Land and water interactions
Limnology

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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

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Health geography
Critical GIScience
GIS
Ontologies

Jeremy Venditti, PhD (British Columbia) jeremy_venditti@sfu.ca
Fluvial geomorphology
River dynamics
Hydroacoustics
Morphodynamic modelling

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Earth system modeling
Climate-carbon cycle feedbacks
Carbon budget
Climate tipping points
Associate Professors:

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- Feminist political economy  
- Capitalism  
- Wildlife management  
- Biodiversity loss  
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- Augmented reality  
- Cartography  
- Geographic information science  
- Geospatial interface research  
- Geospatial virtual environments  
- Geovisualization  
- Serious games for geospatial applications  
- Spatial cognition  
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Margaret Schmidt, PhD (British Columbia)  
- Digital and predictive soil mapping  
- Forest soils/forest ecology  
- Rehabilitation of degraded soils  
- Soil-plant relationships  
- Spatial patterns of soil properties  
- Developing educations tools for soil science  
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Assistant Professors:

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- Queer geographies  
- Racial geographies  
- Diaspora and migration  
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- Geomorphology  
- Forest ecology  
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Bing Lu, PhD (Toronto)  
- 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  
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  Spatial Information Science  
  Quantitative Geography  
  Spatial Decision Making

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

Associate Members:

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  Spatial crime analysis  
  Crime and place
Yildiz Atasoy, PhD (Toronto)  
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  Global political economy  
  Political sociology  
  State restructuring  
  Social change and development  
  Political economy of agrifood systems  
  Neo-liberal urbanism
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  Cultural Studies  
  Psychoanalytic theory  
  Contemporary poetry
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  Urbanism and literature  
  Social housing  
  Gentrification  
  Globalization & neoliberalism
Peter Hall, PhD (UC Berkeley)  
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  Port cities  
  Logistics
Employment
Community development
Urban economies

Pascal Haegeli, PhD (British Columbia) phaegeli@sfu.ca
Avalanche risk management
Backcountry recreation
Risk communication
Climate change

Kirsten McAllister, PhD (Carleton) kmcallis@sfu.ca
Racialization, anti-colonialism and political violence
Memory Studies
Visual Studies
Refugee Studies
Japanese Canadian Internment
Autoethnography

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Labour geography
Economic geography
Feminist political economy
Social reproduction
Legal geography
Pensions

Joseph E. Taylor III, PhD (Washington) taylorj@sfu.ca
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Recreation
Gentrification
Outdoor sports
Public lands

Adjunct Professors

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Climate change modelling and application

Nathan Gillett, D. Phil (Oxford) nathan.gillett@canada.ca
Climate change modelling and attribution

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Soil science
GIS
Spatial analysis and modelling
Digital soil mapping
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Olav Lian, PhD (Western Ontario) olav.lian@ufv.ca
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Food security
Urban agriculture
Gender and sexuality
Gentrification
Lenore Newman, PhD (York)  
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  Food security  
  Sustainable cities  
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  Nature/culture interface  

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

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Faculty

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Sustainability of rural resource-based livelihoods in East Africa
Community-based environmental assessment of NGO development projects
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Environmental sustainability within faith communities
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Micrometeorology  
Urban hydrology and meteorology  

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Data mining  
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Quality of life in small cities  
Social structural of urban residential areas  
Urban residential changes in Canada  

gviaud@tru.ca

Tom Waldichuk, PhD (York)  
Geography of Japan  
Rural-urban fringe  
Field education  
Rural Sustainability  

twaldichuk@tru.ca

\(^1\) Chair (as of June 1, 2021)
Associate Teaching Professor:
Crystal Huscroft, MSc (Simon Fraser)  chuscroft@tru.ca
Periglacial geomorphology
Web atlas development
Augmented reality field trips for the geosciences

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

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

Faculty

Professors Emeriti:  Email Address:

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

Professors:

Shaun Watmough¹ (Liverpool John Moores)  swatmough@trentu.ca
  Ecosystem responses to environmental stress
  Impacts of acid rain, climate change, nutrient depletion, forestry and metals on forest and lake ecosystems
James Buttle, PhD (Southampton)  jbuttle@trentu.ca
  Forest hydrology
  Hydrological effects of land use change
  Solute transport in the unsaturated zone

¹ Director of the Trent School of the Environment
Steven E. Franklin, PhD (Waterloo) sfranklin@trentu.ca
Remote sensing, environmental management, habitat and biodiversity mapping

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

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

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

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

Associate Professors:

M. Catherine Eimers, PhD (Waterloo) ceimers@trentu.ca
Hydroclimatic change and water quality
Soil controls on water quality
Urban hydrology and biogeochemistry

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

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

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

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

Christopher Hall,  
Land Manager and Instructor  
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Aimee McGowan,  
Land Use Planner  
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Stuart Jones, MCIP, RPP  
Senior Policy and city Planner  
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Scott McQuarrie,  
President of URISA BC  
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Adjunct Faculty:

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

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

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

Personnel enseignant (Edmundston, Moncton, Shippagan)

Professeurs titulaires :

Guillaume Fortin¹, Ph. D. (INRS)  
guillaume.fortin@umoncton.ca  
Analyse de la variabilité des événements climatiques extrêmes au N.-B. et dans l'état du Paraná, Brésil  
Suivi à long terme de la végétation alpine en Gaspésie et dans les Montagnes Blanches (secteur du Mont Washington) : dans le cadre du réseau international GLORIA  
Gestion des risques d'inondation au N.-B., en France et au Brésil  
Suivi historique des sécheresses au N.-B.

Serge Jolicoeur¹, Ph. D. (UQAM)  
serge.jolicoeur@umoncton.ca  
Réponse des marais maritimes du Littoral acadien à la hausse relative du niveau marin projetée au 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)  
andre.j.roibichaud@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
Adresse électronique :
rodolphe.de.koninck@umontreal.ca

Pierre J.H. Richard, PhD (Montpellier)
Phytogeography / Paleoecology
Adresse électronique :
pierre.richard@umontreal.ca

André Roy PhD (SUNY-Buffalo)
Fluvial geomorphology
Adresse électronique :
andre.roy@umontreal.ca

Professeurs titulaires :

François Cavayas, PhD (Laval)
Remote sensing
GIScience
Adresse électronique :
francois.cavayas@umontreal.ca

Claude Comtois, PhD (Hong Kong)
Transportation
China
Adresse électronique :
claude.comtois@umontreal.ca

Paul Comtois, PhD (Laval)
Aerobiology
Palynology
Aeromycology
Adresse électronique :
paul.comtois@umontreal.ca

François Courchesne PhD (McGill)
Soil science
Biogeochemistry
Adresse électronique :
francois.courchesne@umontreal.ca

Daniel Fortier PhD (Laval)
Cold regions geomorphology
Adresse électronique :
daniel.fortier@umontreal.ca

Patricia M. Martin1, PhD (Colorado)
Development
Gender
Political violence
Latin America
Adresse électronique :
patricia.martin@umontreal.ca

1 Directrice (information sur la Faculté, 29 août 2017)
**Professeurs agrégés :**

Olivier Blarquez, PhD (EPHE)  olivier.blarquez@umontreal.ca  
Biogeosciences  
Paleoecology  
Geographies of fire  
Disturbance ecology  

Kathryn Furlong, PhD (UBC)  kathryn.furlong@umontreal.ca  
Canada Research Chair in Water and Urbanization  

Francois Girard, PhD (Laval)  francois.girard@umontreal.ca  
GIScience  
Biogeography  
Forestry  

Nicole Gombay, PhD (Queen’s)  nicole.gombay@umontreal.ca  
Economic geography  
Indigenous geographies  

Violaine Jolivet, PhD (Sorbonne)  violaine.jolivet@umontreal.ca  
Urban geography  
Mobility  
Caribbean  

James Stephen King, PhD (Guelph)  js.king@umontreal.ca  
Aeolian geomorphology  
Arid regions  

Liliana Perez, PhD (Simon Fraser)  l.perez@umontreal.ca  
GIScience,  
Complexity theory  
Forest dynamics  

Sébastien Rioux, PhD (York)  s.rioux@umontreal.ca  
Canada Research Chair in the political economy of food and well-being  

Oliver Sonnentag, PhD (Toronto)  oliver.sonnentag@umontreal.ca  
Canada Research Chair in Atmospheric biogeosciences at high latitudes  

Julie Talbot, PhD (McGill)  j.talbot@umontreal.ca  
Biogeography  
Environmental change  
Modeling  

**Professeurs adjoints :**

Gabriel Fauveaud, PhD (Sorbonne)  gabriel.fauveaud@umontreal.ca  
Southeast Asia  
Urban geography  
Governance  
Social geography  

Sebastien Nobert, PhD (Edinburgh)  s.nobert@umontreal.ca  
Political ecology  
Geographies of risk
Luna Vives, PhD (British Columbia)  
luna.vives@umontreal.ca

International migration
Borders
Political geography

Professeurs associés :

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

Richard Fournier, PhD (Laval) Richard.Fournier@USherbrooke.ca
Évaluation, modélisation et extraction de paramètres structuraux de peuplements forestiers à l’aide d’un LiDAR terrestre (3D) : évaluation des paramètres de la tige, du houppier, de la surface foliaire et de la distribution des éléments du couvert
Amélioration des méthodes de cartographie des attributs forestiers à l’aide des données LiDAR (terrestre, sur drone et aéroporté) et des images satellitaires
Cartographie, mesures et modélisation d’attributs structurels de la forêt et des arbres, tels que les attributs de la fibre de bois, l’indice de surface foliaire, la biomasse, le volume ligneux, le défilement des tiges, etc.
Utilisation des outils géomatiques pour la gestion par bassin versants ou des eaux récréatives
Cartographie des zones de conservation

Kalifa Goïta, PhD (Sherbrooke) Kalifa.Goita@USherbrooke.ca
Étude des variations de niveaux d’eau de surface en milieu hétérogène par altimétrie satellitaire (Topex-Poseidon, Jason, Envisat, Icesat)
Estimation de l’humidité du sol au moyen de mesures au sol et de données micro-ondes passives aéroportées et satellites dans le cadre de la validation de données SMOS
Estimation du contenu en eau de la végétation et intégration de la télédétection dans les modèles de propagation des feux de forêts
Utilisation des micro-ondes passives et de l’altimétrie par satellite pour l’estimation de l’épaississeur et du contenu en eau de la neige
Biomasse et carbone des formations forestières tropicales
Analyse de données géoscientifiques et de télédétection multisources combinés à des relevés conventionnels, pour des fins d’exploration minière
Synergie des mesures spectrales pour l’aide à la décision en viabilité hivernale (conditions de la chaussée)

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

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

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

Professeur agrégé :

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

Professeurs adjoints :

Yacine Bouroubi, PhD (Montréal)  Yacine.Bouroubi@USherbrooke.ca
Utilisation des drones et de l’apprentissage profond pour le dépistage automatisé des ravageurs en agriculture
Évaluation du potentiel photovoltaïque des toits de bâtiments sur les images WorldView-3 par les techniques de traitement d’images conventionnelles (photogrammétrie et classification OO) et avancées (réseaux de neurones convolutionnels)
Cartographie intelligente des sols agricoles par fouille de mégadonnées d’OT
Réduction des gaz à effet de serre par télédétection (projet d’AAC)
Détection des maladies des cultures par télédétection thermique (projet d’AAC)
CANARIE - GeoImageNet : plateforme web pour l’annotation et l’apprentissage profond sur les images satellites à très haute résolution spatiale
Environmental Defense Fund - AAFC : Relationship between Nitrogen balance and variability in remotely sensed measures / Relation entre l'équilibre azoté et la variabilité des mesures de télédétection
IABATHYM - Cartographie et suivi satellitaires des hauts-fonds par intelligence artificielle (projet en collaboration avec Effigis-GéoSolutions, financé par l’Agence spatiale canadienne)

Mickaël Germain, PhD (Sherbrooke) Mickael.Germain@USherbrooke.ca
Fusion de données multicapteurs pour la classification des conditions routières par apprentissage profond (financement Vision Météo)
Segmentation sémantique par apprentissage profond sur des nano-ordinateurs en IoT
Démixage lithologique et minéralogique par modélisation du transfert radiatif dans un contexte de mine à ciel ouvert
Cartographie du Coltan en Côte d'Ivoire par apprentissage machine
SIG Web collaboratif pour le recensement des mammifères marins dans le sud du Chili pour l'aide au processus de conservation et de planification des zones (collaboration avec Prof. Liliana Perez, UdeM)
CANARIE - GeoImageNet : plateforme web pour l’annotation et l’apprentissage profond sur les images satellites à très haute résolution spatiale - transfert technologique (collaboration avec Prof. Yacine Bouroubi)

Myriam Lemelin, PhD (Hawaii) Myriam.Lemelin@USherbrooke.ca
Cartographie de la composition minéralogique et des ressources en eau aux pôles lunaires à l’aide de données hyperspectrales, de données lidar et de la modélisation du transfert radiatif en support aux futures missions d’exploration spatiale;
Analyse de la rugosité de la surface lunaire et de l’astéroïde Bennu à l’aide de données lidar et de l’analyse en ondelettes en support aux missions d’exploration spatiale présentes et futures;
Télédétection de chapeaux de fer en Arctique canadien et travaux terains visant à mieux comprendre leur composition et leurs processus de formation pour les comparer aux formations géologiques similaires présentes sur Mars;
Cartographie de la composition minéralogique de systèmes hydrothermaux préservés sur Mars comme indicateurs paléo environnementaux des conditions aqueuses et de la présence potentielle de vie.

Frédéric Bouchard, PhD (INRS) Frederic.Bouchard5@USherbrooke.ca
Histoire des lacs de « thermokarst » (dégel) en zone de pergélisol
Dynamique des gaz à effet de serre dans les lacs de l’Arctique
Évolution spatio-temporelle des paysages nordiques : milieux terrestres vs aquatiques
Université du Québec à Chicoutimi
Département des sciences humaines et sociales
Unité d'enseignement en sciences des sociétés et des territoires
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Programmes d'études offerts

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

Faculté

Professeurs : 
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
Programmes d'études offerts

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

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

Faculté

Professeurs :

Yves Baudouin
Géographie humaine
Systèmes d'information géomatique
Géomatique et gestion des risques
Environnement
Îlots de chaleur

Adresse électronique :
baudouin.yves@uqam.ca

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

Adresse électronique :
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Étienne Boucher
Climatologie et météorologie
Dendrochronologie
Eau et environnement
Géomorphologie fluviale
Paléoclimatologie
Paléohydrologie
Risque hydro et glacial
Sciences de la terre

Olivier Caron
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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

Mélanie Doyon
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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

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Dynamique du carbone
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Télédétection environnementale  
Amélioration des techniques de télédiffusion 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)  
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)  
Approche hydrogéo-morphologique 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
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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
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Impacts sociaux et environnementaux des interventions d’aménagement
Aspects utilitaires et qualitatifs des formes d’aménagement
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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
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Patrimoine
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Analyse des solutions d’adaptation des communautés côtières aux risques côtiers dans une perspective de gestion intégrée des zones côtières
Analyse du patrimoine maritime et côtier
Programmes d'études offerts

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

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  Disturbance effects on ecosystem function
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Glacier response to changing climate
Ice core paleoclimatology
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Pleistocene interglaciations
Quaternary geoscience applications of isotope geochemistry
Refined interpretation of large compilations of radiocarbon dates
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   Digital innovation  
   Political economy  
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   Dictatorships and universities  
   Life and works of Bill Bunge  
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Long term effects of forest fire on stream channel morphology
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War and environment
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Urbanization and industrialization in developing countries

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Geographies of later modern war
Military-medical geographies of casualty evacuation (combatant and civilian), 1914-2020
States of exception 1940-2020: spatializations and racializations

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Fluvial transport of sediment
Scaling relations in watershed geomorphology
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Adaptation potential in Arctic tundra plants to climate change
Arctic plant-herbivore interactions
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Causes and consequences of biodiversity change in tundra ecosystems
Tundra ecosystem responses to disturbance and climate change

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Effects of glacier retreat and vegetation dynamics on catchment hydrology and aquatic habitat  
Hydrologic processes and modelling for headwater and mountain catchments  
Riparian processes and management in forested headwater catchments  
Stream temperature dynamics in headwater and mountain catchments

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Economic governance  
Labour geography  
Neoliberalism  
State restructuring  
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Performance, space and politics  
Precarious labour  
Dementia care  
Migrant workers

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Housing and neoliberal financialization  
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Ontologies of social media and Big Data  
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Historical GIS

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Nature-society relations  
Spatial theory

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<th>Research Interests</th>
</tr>
</thead>
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Carbon storage along rivers
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Smart cities
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Geomorphology
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Late Pleistocene-early Holocene archaeology
Paleoindian and Archaic archaeology
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Stratigraphy

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Human computer interaction
Spatial cognition
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  Urban GIS
  Political economy of technology
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William G. Nickling, PhD (Ottawa)  nickling@uoguelph.ca  
Barry E Smit, PhD (McMaster)  bsmit@uoguelph.ca  
Kok-Chiang Tan, PhD (London, UK)  kctan@uoguelph.ca

Professors:

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

Wanhong Yang, PhD (Illinois)  
Integrated economic-hydrologic-GIS modeling  
for evaluating cost effectiveness of agricultural conservation programs

Associate Professors:

Ben Bradshaw, PhD (Guelph)  
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)  
Waste management and its social context  
Mental Health in the Academe

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

Assistant Professors:

Ben DeVries, PhD (Wageningen)  
Remote sensing of ecosystem change  
Disaster mapping, risk and response  
bdv@uoguelph.ca

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

René W. Barendregt, PhD (Queen’s) barendregt@uleth.ca
  Late Cenozoic paleoenvironments and climate change:
  a western hemisphere comparison of continental, cordilleran, and local montane and upland glacial/interglacial records (North and South America)
  Late Cenozoic magnetostratigraphy and proxy records of climate change obtained from glacial/interglacial sequences in North and South America, Europe, and Africa
  Late Cenozoic magnetostratigraphy of gold and diamond-bearing gravels: reconstruction of river terrace chronosequences, paleoflow, and sediment provenance.
  Late Cenozoic climate change and tectonics (Bolivia and Argentina and Chile).
  Time Averaged Paleo-secular variation of earth’s magnetic field during the past 5.0 Ma obtained from basalts occurring between 50 to 65° north & south latitude.
  Miocene and Pliocene magneto- and bio-stratigraphy, paleopedology, and erosional cycles (Argentina, western Canada).
  Remote sensing and mapping of Quaternary surficial geology and soils.
  Geoarchaeology: Cromerian deposits and first peopling in East Anglia.
  Historical Geology: Mapping Hannibal’s invasion route into Italy. Nature of Mt. Nass, B.C. volcanic eruptions during recent historic times.
Shawn Bubel, PhD (KU Leuven)  
bubest@uleth.ca  
Flora and faunaturbation on the archaeological record  
Geoarchaeology and experimental archaeology  
Prehistoric archaeology of the Old and New World

James M. Byrne, PhD (Alberta)  
byrne@uleth.ca  
Cause and effect associations in the occurrence of waterborne pathogens  
Changes in water supply resulting from climate change

Craig Coburn¹ PhD (Simon Fraser)  
craig.coburn@uleth.ca  
Bidirectional reflectance  
Remote sensing systems  
Remote sensing texture analysis  
Terrain modelling  
Remote sensing and GIS in forestry

Christopher Hopkinson, PhD (Wilfred Laurier)  
c.hopkinson@uleth.ca  
CAIP Research Chair in Terrestrial Ecosystems Remote Sensing  
Lidar technology and applications  
Water resources  
Mountain hydrology  
Forest resources

Hester Jiskoot, PhD (Leeds)  
hester.jiskoot@uleth.ca  
Glacier inventory compilation and analysis  
Ice flow dynamics and glacier surging  
Snowpack trends in the Canadian Rockies  
Statistical and numerical ice sheet and glacier system analysis  
Rockslides on glaciers  
Tributary-trunk interactions and dynamic ice flow restrictions

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

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

Matthew Letts, PhD (London)  
matthew.letts@uleth.ca  
Climate Change and mountain hydrology  
Changes in water supply resulting from climate change  
Ecology of semi-arid ecosystems  
Human adaptation to climate change  
Local capacity to manage water

¹ Chair (Faculty information as of July 1, 2018)
Modelling the spatial distribution of snow pack in montane regions

Eco physiology
Plant stress ecology
Microclimatology
Latin America
Environmental change, mountain terrain analysis, water studies
Fluxnet-Canada – carbon cycling, PRI

Kevin McGeough, PhD (Penn) mcgekm@uleth.ca

Historical Geography
Language and cultures of Near Eastern and Classical regions
Syro-Palestinian archaeology

Derek R. Peddle, PhD (Waterloo) derek.peddle@uleth.ca

Director – Alberta Terrestrial Imaging Centre (ATIC)
Remote sensing, GIS, mapping
Forestry, agriculture, mountains, water
Spatial modelling and computational methods

Ivan Townshend, PhD (Calgary) towni0@uleth.ca
Community social and economic impact of TSE’s
Community structures and the self-employment change in the Canadian and British urban systems
Employment structure of First Nations communities
Gated communities and the privatization of urban space
Geography of the voluntary sector housing initiatives
Income segregation
Population health and urban ecology of well-being
Urban and rural community differences

Wei Xu, PhD (Guelph) wei.xu@uleth.ca
Changing dynamics of land-use and economic restructuring in rural China
Rural vulnerability to drought in Western Canada and China

Associate Professors:

Philip Bonnaventure, PhD (Ottawa) philip.bonnaventure@uleth.ca
Permafrost in mountain and High Arctic environments, climate change, microclimatology of mountain and boreal environments, geomorphology and Earth surface processes, hydrology, environmental modelling and Geographical Information Systems

Laura Chasmer, PhD (Queen’s) laura.chasmer@uleth.ca
Expertise in northern ecosystems, remote sensing, hydro-meteorology, climate Change

Maura Hanrahan, PhD (London) maura.hanrahan@uleth.ca
University of Lethbridge Board of Governors Research Chair Tier II
Historical geography of the Artic
Indigenous and rural water security
Drinking water policy
Inuit political geography
Newfoundland Mi’Kmaq political geography
Thomas R. Johnston, PhD (Waterloo)  johnston@uleth.ca
Adoption of drought-proofing measures by farmers and ranchers
Rural land use planning and policy evaluation
Human dimensions of environmental change

Assistant Professors:

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

Instructors:

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

Adjunct Faculty:

Cárcamo, Héctor, PhD (U of C)  hector.carcamo@canada.ca
Soil Ecology/Agricultural Entomology
Collingwood, Adam, PhD (Queen’s)  adam.collingwood@canada.ca
Remote Sensing
Wayne Davies, PhD (Wales)  wdaives@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 Kroevel, PhD (Hohenheim)  roland.kroebel@canada.ca
Ecology Modelling
Ryan MacDonald, PhD (Lethbridge)  ryan.macdonald@machydro.ca
Env/Sci/Hydrology
Ross McKenzie, PhD (Saskatchewan)  rosmckenzie@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
Department Offers

MA, MSc, PhD

Faculty

Professors:        Email Address:

Mark Hanson*1, PhD (Guelph)       Mark.Hanson@umanitoba.ca
    Ecotoxicology
    Freshwater ecosystems

David Barber, PhD (Waterloo)        David.Barber@umanitoba.ca
    Causes of change in both dynamic and
    thermodynamic processes of sea ice due to climate forcing
    Consequences of the above changes on marine and human systems
    Techniques required to improve our ability to assess
    Arctic climate change

Richard Baydack, PhD (Colorado State)     Rick.Baydack@umanitoba.ca
    Biogeography
    Conservation of biological diversity
    Ecosystem management
    Sustainable agriculture
    Sustainable water management
    Wildlife and fisheries habitat

Michael Campbell, PhD (Washington)     Michael.Campbell@umanitoba.ca
    Sustainable nature-based tourism
    Recreation ecology
    Human dimensions of wildlife management
    Community tourism and development
    Parks and protected areas planning and management

Dorthe Dahl-Jensen1, PhD (Denmark)    Dorthe.Dahl-Jensen@umanitoba.ca
    Climate change
    Arctic ice
    Sea levels


1 Department Head
*Not Geographers
John Hanesiak, PhD (Manitoba)  
Extreme/severe weather & storms  
Climate change effects on storms  
Surface-atmosphere interactions  
John.Hanesiak@umanitoba.ca

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

Jill Oakes, PhD (Manitoba)  
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  
Jill.Oakes@umanitoba.ca

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

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

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

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

Associate Professors:

Mary Benbow, PhD (Liverpool)  
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  
Mary.Benbow@umanitoba.ca

2 Canada Research Chair (Tier 1)
*Not Geographers
Photographs at the zoo: Meanings, intentions, and doings
Social, cultural and environmental implications of zoos and aquariums;
part of a broader field “Animal geographies”

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

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

C. J. Mundy, PhD (Manitoba) CJ.Mundy@umanitoba.ca
Physical and biological processes controlling timing of primary production in ice-covered seas
Sea ice and marine bio-optics

Jonathan Peyton, PhD (British Columbia) Jonathan.Peyton@umanitoba.ca
Environmental and social geographies of subarctic North America
Megaprojects
Energy politics and policy
Mining
Resource conflict
Environmental history/historical geography
Political ecology
Nature and culture in Canada
Politics of environmental assessment.

Julienne Stroeve, PhD (Colorado) Canada 150 Chair julienne.stroeve@umanitoba.ca
Arctic sea ice
Climate model forecasts
Extreme events

Assistant Professor:

Bruce Erickson, PhD (York) Bruce.Erickson@umanitoba.ca
The relationship between neoliberalism, climate change and ecotourism in Northern Canada
Race, Tourism and Nature
The Anthropocene, Race and Contemporary Environmentalism
Critical perspectives on canoeing in Canada

Eric Collins, PhD (Waterloo) Eric.Collins@umanitoba.ca
Microorganisms in the cryosphere
Metabarcoding
Genomics
Transcriptomics
Nicole J. Wilson, PhD (U British Columbia)\textsuperscript{3} \hspace{1cm} 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) \hspace{1cm} 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) \hspace{1cm} karen.alley@umanitoba.ca
Remote sensing of glaciers and ice sheets
Ice shelf and ice sheet dynamics
Glacier-ocean interaction

David Walker, PhD (Manitoba) \hspace{1cm} David.Walker@umanitoba.ca
Data integration and spatial modelling
Ecosystem dynamics and human and wildlife interactions with landscapes
International conservation research
Invasive species and biological conservation
Landscape diversity and fragmentation
Quantitative terrestrial ecology & biogeography specializing in landscape systems

\textit{Instructors:}

Lisa Ford, MA (Saskatchewan) \hspace{1cm} 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) \hspace{1cm} 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) \hspace{1cm} Johny.Stephen@umanitoba.ca
Issues and challenges in water management

Janna Wilson, PhD (Manitoba) \hspace{1cm} Janna.Wilson@umanitoba.ca
First year undergraduate teaching in Geography
Geography of Canada
Geography of Canadian Prairie Landscapes
Geography of United States
Geomorphology

\textsuperscript{3} Canada Research Chair (Tier 2)
Senior Scholars:
Geoffrey Smith, PhD (McMaster)  Geoffreysmith@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
Department Offers

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

Faculty

Professors: Email Address:

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

Gail Fondahl¹, PhD (UC Berkeley) gail.fondahl@unbc.ca
Arctic social indicators
Human development in the Arctic/Subarctic
Legal geographies of indigenous rights (especially Russian North)
Sustainable development in the Arctic/Subarctic

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

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

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

¹ Acting Chair (faculty information as of August 1, 2021)
Brian Menounos, CRC, PhD (UBC)  
brian.menounos@unbc.ca  
Paleo-environmental reconstruction  
Past and present glacier fluctuations  
Sediment budgeting and sediment transport in mountain environments

Catherine Nolin, PhD (Queen’s)  
catherine.nolin@unbc.ca  
‘Development’, impunity, and political violence in Guatemala  
Memory, trauma, and testimony in Guatemala and Peru  
Qualitative methods  
Social geography of forced migration and refugee movements  
Social impacts of Canadian mining in Guatemala and Peru

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

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

Michael Rutherford, PhD (Alberta)  
mike.rutherford@unbc.ca  
Biogeochemical cycling in soils and wastes  
Reclamation and remediation of disturbed environments  
Utilization of waste materials for environmental benefit

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

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

Associate Professors:

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

Joseph Shea, PhD (UBC)  
joseph.shea@unbc.ca  
Airborne and spaceborne imagery and data  
Changes in snow, ice, and water supplies in mountain regions  
The role of snow, ice, and permafrost in local and regional hydrology  
Unmanned air vehicle (UAV) research applications
Assistant Professors:
Siraj ul Islam, PhD (UNBC)  
sirajul.islam@unbc.ca  
Climate change impact assessments on snow hydrology  
Dynamic Land-use modeling  
Hydro-climate modeling and predictions  
Hydrological data assimilation

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

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

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

Associated Faculty:
Margot Parkes
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
Écrire la ville multiculturelle
La frontière au quotidien : l’expérience des lieux à Ottawa-Gatineau (CRSH)
Les rencontres de la géographie et de la littérature
Lieux et écriture : une lecture géographique de l’œuvre de Charles Bukowski
Huhua Cao, PhD (Laval) caohuhua@uottawa.ca
Canada-Europe International Cooperation Project on Sustainable Cities:
Converting brownfields into community assets from an international perspective (Human Resources and Skills Development Canada, European Union)
Construction of an information platform/module in eco-agricultural assessment and management (EAM) (Ministry of Science and Technology of the government of China - MOST)
Luke Copland, PhD (Alberta) luke.copland@uottawa.ca
Area and volume changes of Canadian arctic ice caps
Dynamics and recent changes of ice shelves (Ellesmere Island)
Controls on short-term variations in glacier dynamics (Canadian Arctic, Yukon, Karakoram Himalaya)
Eric Crighton, PhD (McMaster) eric.crighton@uottawa.ca
Health Geography
Socioeconomic and environmental determinants of health
Environmental risk perception and behaviours
Environmental health education
Access to healthcare
Konrad Gajewski, PhD (Wisconsin) gajewski@uottawa.ca
Postglacial paleoenvironments of the Canadian Arctic Archipelago
Analysis and modelling of climate change impacts on the Canadian boreal forest
High-resolution vegetation and climate history of the Ottawa-Gatineau region
Human impacts on the North American ecosystem over the past 12000 years
Regional and global scale paleoclimate reconstruction of the past 2000
and past 20000 years

Denis Lacelle, PhD (Ottawa) dlacelle@uottawa.ca
Investigation of near-surface permafrost disturbances on water quality under
changing climate near Fort McPherson, NWT, Canada
Origin, stability and habitability of ancient ground ice and permafrost
Organically-bound tritium and Cesium-137 as tracer of cryoturbation in periglacial
environment
Ice dynamics of perennially covered lakes in the Dry Valleys of Antarctica
Co-isotopic signatures of evolving ground ice in the cold dry environments of
Earth and Mars
Polar environments as planetary analogues
Development of field-deployable instruments for continuous high-frequency
analysis in remote locations

Antoni Lewkowicz, PhD (Ottawa) alewkowi@uottawa.ca
Glaces souterraines dans le nord du Yukon
Karst du nord-ouest canadien (Bear Cave, Lime Peaks) et de la vallée du Saint-Laurent

Marc Saner¹, PhD (Basel, Switzerland) msaner@uottawa.ca
Environmental ethics and justice
Governance and risk management
Science-policy interface

Michael Sawada, PhD (Ottawa) msawada@uottawa.ca
Health GIS applications (contextual factors)
Improving paleoclimate reconstructions for the past 21,000 ka in North America
Spatial analytical application development in GIS
Spatial controls and mechanisms of late Quaternary rapid plant migrations

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

Professeurs agrégés / Associate Professors:

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

¹ Department Chair
Jackie Dawson, PhD (Waterloo)  jackie.dawson@uottawa.ca
Climate change
Arctic marine governance
Arctic shipping and tourism
Economic Development in the Arctic

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

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

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

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

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

Professeurs auxiliaires / Adjunct Professors:

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

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

Faculty

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

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Instructor Emerita:

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

Email Address:
Marilyn.Lewry@uregina.ca

Professors:

Louis Awanyo\(^1\), PhD (Queen’s)  
Biodiversity change in Ghana  
Environmental health in Ghana  
In-situ housing adjustments in Accra, Ghana  
Political ecology

Email Address:
Louis.Awanyo@uregina.ca

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

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

Email Address:
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\(^1\) Luther College
Associate Professors:

Emily Eaton, PhD (Toronto)  
Emily.Eaton@uregina.ca  
Canadian agriculture  
Natural resource economies  
Oil  
Political ecology  
Political economy  

Ulrike Hardenbicker², Dr. rer. nat. (Bonn), habil (Halle)  
Ulrike.Hardenbicker@uregina.ca  
Geomorphological and geoeconomic influence of subsurface flow on landscape development, Processes and causes of subsurface erosion, Slope hydrology and slope stability  

Samantha Kerr, PhD (Regina)  
Samantha.kerr@uregina.ca  
Paleohydrology, hydroclimatic variability of the Canadian Prairies, dendrochronology and dendroclimatography, climate change, geographic information systems  

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

Julia Siemer, Dr. rer. nat. (Potsdam)  
Julia.Siemer@uregina.ca  
Cultural mapping  
Population mapping  
GIS  
Design and development of electronic atlases  
Thematic cartography  

Instructor:

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

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

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

Faculty

Professors Emeriti:  

<table>
<thead>
<tr>
<th>Name</th>
<th>Email Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>O.W. (Bill) Archibold, PhD</td>
<td><a href="mailto:w.archibold@usask.ca">w.archibold@usask.ca</a></td>
</tr>
<tr>
<td>Robert M. (Bob) Bone, PhD</td>
<td><a href="mailto:robert.bone@usask.ca">robert.bone@usask.ca</a></td>
</tr>
<tr>
<td>Lawrence W. Martz, PhD</td>
<td><a href="mailto:lawrence.martz@usask.ca">lawrence.martz@usask.ca</a></td>
</tr>
</tbody>
</table>

Professors:

<table>
<thead>
<tr>
<th>Name</th>
<th>Email Address</th>
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</thead>
<tbody>
<tr>
<td>Alec Aitken¹, PhD (McMaster)</td>
<td><a href="mailto:alec.aitken@usask.ca">alec.aitken@usask.ca</a></td>
</tr>
<tr>
<td>Marine benthic ecology,</td>
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<td>Canadian Arctic</td>
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<td>Geoaarchaeology of</td>
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<td>Quaternary geology,</td>
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<td>Canadian Arctic Archipelago</td>
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<tr>
<td>Abraham Akkerman, PhD</td>
<td><a href="mailto:avi.akkerman@usask.ca">avi.akkerman@usask.ca</a></td>
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<tr>
<td>Demography and planning</td>
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<td>Scott Bell, PhD (UC Santa</td>
<td><a href="mailto:scott.bell@usask.ca">scott.bell@usask.ca</a></td>
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<td>Barbara)</td>
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<td>Behavioural and cognitive</td>
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<tr>
<td>Martyn Clark², PhD (Colorado)</td>
<td><a href="mailto:martyn.clark@usask.ca">martyn.clark@usask.ca</a></td>
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<tr>
<td>Numerical modeling and</td>
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<td>Developing methods to</td>
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<td>improve streamflow forecasts</td>
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</tbody>
</table>

¹ Department Head

² Associate Director, Centre for Hydrology and Coldwater Laboratory
Understanding space-time variability in climate and hydrology including understanding the impacts of climate change on regional water resources.

Dirk H. de Boer³, PhD (Alberta) dirk.deboer@usask.ca
Spatially distributed erosion models
Suspended sediment and trace element transport in the Mackenzie River Basin

Xulin Guo, PhD (Kansas) xulin.guo@usask.ca
Integrating measures of grassland function using Remote Sensing

Bram F. Noble⁵, PhD (Memorial) b.noble@usask.ca
Cumulative effects
Environmental impact assessment effectiveness
Resource development and environmental management
Strategic environmental assessment
Uncertainty analysis in environmental assessment

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

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

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

Associate Professors:

Jill Blakley, PhD (Saskatchewan) jill.blakley@usask.ca
Regional-scale impact assessment
Cumulative effects assessment (CEA)
Strategic environmental assessment (SEA)
Humanistic urban design

Paul Hackett, PhD (Manitoba) paul.hackett@usask.ca
Diabetes in First Nations populations
Health geography
History of Aboriginal health
Intimate Partner Violence
Tuberculosis

³ Acting Head, Department of Psychology & Health Studies, College of Arts and Science, 2021-2022
⁴ Distinguished Professor, Canada Research Chair, Director, Centre for Hydrology, Director, Global Water Futures Initiative
⁵ Vice Dean, Research, Scholarly and Artistic Work, College of Arts and Science
Robert Patrick, PhD (Guelph)  
Indigenous planning  
Integrated watershed planning and management  
Drinking water source protection and management  
Source water protection

Corinne Schuster-Wallace, PhD (Wilfrid Laurier)  
Water and human health  
Local water security in marginalised communities  
Water-related diseased and climate change

**Assistant Professors:**

Krystopher Chutko, PhD (Queen’s)  
Weather monitoring  
Isotope hydrology  
Lacustrine processes  
Paleoenvironmental reconstruction

Ehab Diab, PhD (McGill)  
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)  
Climate Impacts on Freshwater Availability Across Canada  
Hydro-Climate Extremes and Variability: Droughts and Floods

Ngoc Thu Duc Chu, PhD (Saskatchewan)  
Diogo Pinho da Costa (Singapore)  
Sarah Dickson-Anderson (Waterloo)  
John Diiwu, PhD (Guelph)  
Patricia Fitzpatrick, PhD (Waterloo)  
David Fortin, PhD (Queen’s)  
Kevin Hanna, PhD (Toronto)  
Michael Hill, PhD (Western Ontario)  
Barrie Bonsal, PhD (Saskatchewan)  
Climate Impacts on Freshwater Availability Across Canada  
Hydro-Climate Extremes and Variability: Droughts and Floods

Phil Marsh, PhD (McMaster)  
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)  
Canadian Shield hydrology and hydrometeorology  
The role of storage in Canadian Prairie hydrology
Elaine Wheaton, MSc (Saskatchewan)  elainewheaton@sasktel.net
Adaptation to climate impacts especially for agriculture and water resources
Climatic extremes, especially drought and extreme precipitation
Climate change

John Wilmhurst, PhD (Guelph)  jfw427@mail.usask.ca
Protected areas management
Remote sensing and ecology of grassland communities
Species at risk recovery

Professional Affiliates:

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

School of Environment and Sustainability

Maureen G. Reed, PhD (University of Waterloo)  maureen.reed@usask.ca
Environmental governance
Resilience for social and environmental sustainability
The role of gender and culture in community response to climate hazards
Biocultural diversity, Sustainability and reconciliation
University of Toronto (Mississauga)
Department of Geography, Geomatics and Environment
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(905) 828 – 5462 — Fax (905) 828 - 5273
Email: geography.admin@utoronto.ca
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Department Offers¹

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

Faculty

Emeritus Professors:
G. Gracie, S. Munro, R. Jackson, T. Mcilwraith

Professors, Tenure Stream: Email Address:

Ronald Buliung, PhD (McMaster) ron.buliung@utoronto.ca
Transportation geography and population health
Critical Disability Studies
Active transportation
Geographies of childhood
Pedestrian injury
Historical geography of cycles and cycling
Transportation in the Global South

Tenley Conway, PhD (Rutgers) tenley.conway@utoronto.ca
Human-environment interactions
Urban forests, Urban ecosystems
Land use/land cover change

Yuhong He², PhD (Saskatchewan) yuhong.he@utoronto.ca
Environmental remote sensing
Vegetation stress detection with multi-source remote sensing
Endangered and invasive species monitoring

¹ At the University of Toronto, graduate programs involve faculty from all three campuses (UTM, UTSG, UTSC), while undergraduate programs involve only the faculty located at their respective campuses
² Chair, Department of Geography, Geomatics and Environment, University of Toronto Mississauga
Alan Walks, PhD (Toronto)  
alan.walks@utoronto.ca  
The politics of automobility  
Geography of housing and homelessness  
New neighbourhood forms: gated communities and the new urbanism  
Political attitudes, neighbourhood inequality, and urban policy  
Urban social, political and electoral geography  
Geographies of financialization and debt  

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

Associate Professors, Tenure Stream:  

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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)  
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Energy policy  
Food policy  
Business-environment interface  
Regional development  
History of environmental thought  
High spatial hyperspectral image processing  

Tim Duval, PhD (McMaster)  
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Ecohydrology  
Stream nutrient biogeochemistry  
Wetland hydrology and biogeochemistry  
Urban environments  

Igor Lehnerr, PhD (Alberta)  
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Environmental contaminants including mercury  
Climate change impacts in Arctic watersheds  
Nutrient and carbon cycling  
Aquatic biogeochemistry  

Andrea Olive, PhD (Purdue)  
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Environmental policy  
Species at risk and biodiversity  
Canada-US environmental governance  
Natural resource extraction  
Private land and landowners
Assistant Professors, Tenure Stream:

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Urban Pollution – Water, Air and Soil  
Exposure Science  
Geographic Information Science  
Spatial Statistics  
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Laurel Besco, PhD (Ottawa)  
Environment/sustainability law and policy  
Green economy and corporate environmental norms  
Socio-legal dimensions of climate change  
laurel.besco@utoronto.ca  

Vincent Kuuire, PhD (Western)  
Migration  
Transnationalism and integration  
Population health  
Environment and health  
Sub-Saharan Africa  
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Trevor Porter, PhD (Carleton)  
Dendrochronology  
Paleoclimatology  
Stable water isotopes  
Northern Canada  
trevor.porter@utoronto.ca  

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

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Environmental management  
Gender & environment in the developing world  
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Associate Professors, Teaching Stream:

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Restoration ecology  
Ecosystem Services  
Urban ecology  
Environmental education  
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Nicole Laliberte, PhD (Pennsylvania State)  
Anti-oppression pedagogies  
Critical human rights  
Feminist geopolitics  
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Pedagogy  
Geography of retail and marketing  
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Assistant Professor, Teaching Stream:

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tingting.zhu@utoronto.ca  
  Spatial data science  
  Environmental Remote Sensing  
  Ecosystems and environment change  
  Mineral, microbial and ecological engineering  

Associate Professor (Limited Term Appointment)

Nicole Yantzi, PhD (Queens)  
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Assistant Professor, Teaching Stream (Contractually Limited Term Appointment):

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

Assistant Professor, Teaching Stream (Limited Term Appointment):

David Passmore, PhD (Newcastle)  
david.passmore@utoronto.ca
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

1 At U of T, grad programs involve faculty from all three campuses (UTM, UTSG, UTSC), undergrad programs involve only faculty located at their respective campuses
Susannah Bunce, PhD (York)  susannah.bunce@utoronto.ca
Geography and planning of urban communities and neighbourhoods
Urban sustainability and sustainable communities
Environmental gentrification

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

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

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

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

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

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

Assistant Professors:

Hulya Arik, PhD (York)  hulya.arik@utoronto.ca
feminist geographies of the body
feminist geopolitics
security and risk studies
critical geographies of secularism and Islam
cultural geography
cultural industries
Rachel Goffe, PhD (CUNY)  
rachel.goffe@utoronto.ca  
Black Geographies  
Racial capitalism  
Caribbean Studies  
Land, livelihood and informal economies  
Social reproduction  
Urban-rural interfaces  

Christopher Higgins, PhD (McMaster)  
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Spatial analysis and GIScience,  
Built environment and urban morphology,  
Accessibility and travel behaviour  

Zachary Hyde (PhD, British Columbia)  
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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)  
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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
Department Offers

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

Faculty

Emeritus Professors:

Professors:

George B. Arhonditsis, PhD (Aegean), UTSC, georgea@utsc.utoronto.ca
Ronald Buliung, 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

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1 At the University of Toronto, graduate programs involve faculty from all three campuses (UTM, UTSG, UTSC), while undergraduate programs involve only the faculty located at their respective campuses
2 UTM= University of Toronto Mississauga, UTSG=University of Toronto St George, UTSC=University of Toronto Scarborough
3 For research interests and publications of faculty members based at UTM and UTSC, see the separate listings in this directory for those two campuses
4 Tri-Campus Graduate Chair, Department of Geography, UTM
Tenley Conway, PhD (Rutgers), UTM  
tenley.conway@utoronto.ca
Deborah Cowen, PhD (Toronto), UTSG  
deb.cowen@utoronto.ca
  Geographies of citizenship, militarism, and war
  Security and cities
  Sub/urban politics
Amrita Daniere, PhD (Harvard), UTSG  
amrita.daniere@utoronto.ca
  Building urban climate change resilience in secondary cities of Southeast Asia
  Development and implementation of policy and planning from a political-economy perspective in urban areas of the Global South
  Infrastructure provision in developing-country megacities (including water and sanitation services, housing, solid waste collection and disposal, and transportation)
Joe Desloges, PhD (British Columbia), UTSG  
desloges@geog.utoronto.ca
  Floodplain sedimentology
  Geoarcheology, B.C. and Ontario
  Glaciolacustrine sediment records, B.C., Alberta, N.W.T., Greenland, Iceland, and Norway
  Paleohydrology and environmental reconstruction
Meric Gertler, PhD (Harvard), FRSC, UTSG  
president@utoronto.ca
  Economic change in the Toronto region
  Industrial cultures and practices: national, regional and local modes of governance (particularly in Canada, the United States, and Germany)
  Social foundations of economic performance: creativity, diversity, and cities
Emily Gilbert, PhD (Bristol), UTSG  
emily.gilbert@utoronto.ca
  Citizenship, borders and security
  Nationalism, postcolonialism, globalization
  Social and political theory
  The culture and politics of money and North America
William A. Gough, PhD (McGill), UTSC  
gough@utsc.utoronto.ca
Jason Hackworth, PhD (Rutgers), UTSG  
jason.hackworth@utoronto.ca
  Political economy
  Comparative urban policy
  Declining cities
  Urban abandonment
Danny Harvey, PhD (Toronto), UTSG  
harvey@geog.utoronto.ca
  Climatic change due to human activities – scenarios and impacts
  Global scale potential to reduce greenhouse gas emissions through energy efficiency
Yuhong He5, PhD (Saskatchewan), UTM  
yuhong.he@utoronto.ca
Mark Hunter, PhD (UC Berkeley), UTSC  
mhunter@utsc.utoronto.ca
Shashi Kant, PhD (Toronto), UTM  
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Thembelela Kepe6, PhD (Western Cape), UTSC  
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Specialities:
- Commodity chains
- Cultural industries
- Urban-economic
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Specialities:
- 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

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Specialities:
- Environmental politics, policy, and social justice
- Forest politics and policy, western North America
- Political ecology
- Political economy and environment

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Specialities:
- Comparative market regulation, South Asia, Southeast Asia, North America
- Critical development studies
- Planning history and theory
- Urban governance and commercial gentrification

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Specialities:
- Philosophy and its influences on geographic thought
- Social justice

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- Community and regional planning
- Infrastructure finance and delivery
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Specialities:
- Critical development studies
- Indonesia
- Migration
- The politics of Islam
- Transnational feminism

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Specialities:
- Community development and neighbourhood change
- Community-engaged scholarship
- Critical health geography
- Environmental justice/just sustainability
- Mobilizing for community food security in Canada

Professors, Teaching Stream:

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Specialities:
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Associate Professors:

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

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Environment and development in China
Urban political ecology

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The functioning and evolution of regional economic clusters
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The American Cold War
American military-environment relations, 1898-present
The cultural and historical geography of North American cities
The militarization and modernization of the North American Arctic, 1940-1965
Twentieth-century intellectual history

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Urbanism and critical theory
Planning practice, political thought and geo-political-economics
Modernity and nationalism (postcolonial and diasporic)

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Planning and designing for non-motorized travel modes
Travel behavior interactions with urban form
Urban form analysis, representation and measurement using GIS

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Tropospheric and stratospheric ozone
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  Urban waste management
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  Community forestry, forest tenure and forest governance
  Environmental behavior and subjectivity
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  Health and transportation geographies
  GIS, agent-based modelling, and spatial optimization
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  Geographic theorizing of markets, states, and institutions
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  Community economic development strategy and planning
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Faculty

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Professor: Email Address:

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

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

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  Marine-terrestrial interactions
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Urban climatology
Water balance climatology

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Waste governance
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History of geographical thought

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Coupled human and natural systems
Forest disturbances

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Diffusion of innovations
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Community  
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Techno-ecological synergy  
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Eelgrass ecogeomorphology  
Coastal sediment transport processes  
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Political ecology  
Tribal cultural resource preservation  
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Social justice  

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Community-engaged research and teaching  
Field school learning  
Sustainable community development  
Environmental impact assessment  
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Urban social geography  
Global migration  
Race and ethnicity  
Geographies of international students  
Caribbean studies  

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Field school learning  
Mountain meteorology
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Michael Demuth, BSc (Calgary), Adjunct Professor
Harvey (James) Harrold, PhD (Victoria), Adjunct Professor
Trisalyn Nelson, PhD (WLU), Adjunct Professor
Aleck Ostry, PhD (British Columbia), Adjunct Professor
Paul Paquet, PhD (Alberta), Adjunct Professor
Christopher Pearce, PhD (Laval), Adjunct Professor
Daniel L. Peters, PhD (Trent), Adjunct Professor
Rajesh Shrestha, PhD (Karlsruhe), Adjunct Professor
Ian Walker, PhD (Guelph), Adjunct Professor
Fred Wrona, PhD (Calgary), Adjunct Professor
Stephen F. Cross, PhD (Stirling), Adjunct Associate Professor
Yonas Dibike, PhD (Delft), Adjunct Associate Professor
Michele-Lee Moore, PhD (Laurier), Adjunct Associate Professor
Rick Rollins, PhD (Washington), Adjunct Associate Professor
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Grant Murray, PhD (Michigan), Adjunct Assistant Professor
Patrick O’Hara, PhD (SFU), Adjunct Assistant Professor
Daniel Perrakis, PhD (Washington), Adjunct Assistant Professor
Geoff Quinn, PhD (Victoria), Adjunct Assistant Professor
Mark Seemann, PhD (Victoria), Adjunct Assistant Professor
Pamela Shaw, PhD (Victoria), Adjunct Assistant Professor
Department Offers

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

Faculty

*Professors:*  

Jean Andrey¹, PhD (Waterloo)  
- Transportation planning  
- Weather hazards  
- Climate change adaptation

Claude Duguay, PhD (Waterloo)  
- Climate impacts on the cryosphere  
- Climate-lake interactions  
- Numerical modelling and remote sensing of lake ice

Susan Elliott, PhD (McMaster)  
- Medical geography  
- Environment and health  
- Global health  
- Philosophies of science

Helen Jarvie, PhD (Reading)  
- River-system biogeochemistry  
- Nutrient (phosphorus, P, and nitrogen, N) cycling, eutrophication  
- Water quality, from watershed to global perspectives

Richard Kelly², PhD (Bristol)  
- Global change of the cryosphere  
- Remote sensing of global snow water equivalent from passive microwave measurements

Jonathan Li, PhD (Cape Town)  
- Mobile laser scanning for 3D object extraction  
- Urban modelling using remote sensor data  
- Environmental monitoring using satellite data

Merrin Macrae, PhD (Wilfrid Laurier)  
- Hydrology and chemistry of agricultural runoff  
- Hydrologic and biogeochemical processes in wetlands

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² Department Chair
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Biodiversity conservation and tourism  
Resolving conflict between wildlife agencies and local communities  
Tourism impacts on the environment in parks and protected areas and remote communities

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Sustainable energy policy  
Net zero energy houses/communities, residential energy efficiency  
Smart grid: energy hub management system  
Remote communities / First Nations: renewable energy in the North  
Sustainable community development  
Green economy, knowledge economy  
Community energy planning, regional development initiatives

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Greenhouse gas fluxes  
Hydrometeorology of boreal peatlands and forests  
Reclamation  
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Alpine hydrometeorology

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Agro-food system sustainability  
Organic & ecological agriculture  
Rural transformation  
Environment-development interfaces, sustainable communities

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Sediment/water interactions  
Land disturbance and water quality  
Stormwater management

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Peatland restoration and reclamation  
Organic soil physics

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Landscape visualizations  
Participatory planning in communities
Social-ecological systems
Sustainability entrepreneurship ; Sustainability policy
Urban climate change governance

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Geographic information systems
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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Subglacial hydrology
Glacial numerical modeling
Ice dynamics of ice sheets and glaciers

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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

Yuri Leonenko, PhD (Novosibirsk) leonenko@uwaterloo.ca
Development of Climate Control technologies with an emphasis on Carbon Capture and Storage. Modeling and numerical simulation of multiphase flow in porous media, fractures and faults;
Interactions between CO2 and reservoir fluids; novel technologies for in situ and ex situ dissolution of CO2, risk and economic assessments

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Counterurbanization
Heritage commodification and rural restructuring
Rural change

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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

Johanna Wandel, PhD (Guelph) jwandel@uwaterloo.ca
Adaptation and climate change
Community based assessment
Vulnerability

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Economic geography
Social geography
Feminist geography
Social justice
Identities and belonging

Assistant Professors:

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Economic geography
Entrepreneurialism and startup economies
Feminist geography, queer geography and sexuality

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

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

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Vegetation and climatology; Environmental monitoring
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Robert Cecil, PhD (McGill)  
William Code, PhD (Berkeley)  
Milford Green, PhD (Ohio State)  
Don Janelle, PhD (Michigan State)  
Brian Luckman, PhD (McMaster)  
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  Environmental risks from hazards  
  Health  
  Methodology  
  Noxious facility siting  
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Urban studies

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GIS and health
HIV/AIDS

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Quantitative methods

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Urban development and policy analysis

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GIS
Housing; Urban planning

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Gender
Public places

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East Africa  
Political ecology  

Desmond Moser, PhD (Queen’s)  
Geochronology  
Tectonics

Katrina Moser, PhD (McMaster)  
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Limnology  
Paleoecology  
Paleolimnology  
Quaternary environments  
Water quantity and quality  

Chantelle Richmond, PhD (McGill)  
Aboriginal health  
Community-based research  
Health impacts of environmental change  
mixed methods  
Social determinants of health  
Social support

Tony Weis, PhD (Queen’s)  
Environmental conservation in equitable landscapes  
Globalization and agriculture  
Land reform and social movements  
Political ecology

Assistant Professors:

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Digital geographies  
GISScience & Society  
Digital location  
Geolocation  
Platform economy  

Diana Lewis, PhD (Dalhousie)  
Indigenous environmental health  
Social/environmental justice  
Indigenous methodology  
Quantitative methods  
Community-based research  
Risk/environmental assessment

Jed Long, PhD (Victoria)  
GIS and other spatial analysis techniques in the study of movement  
Spatial and space-time analysis  
GISScience; including spatial modelling, volunteered geographic information
Limited Duty Instructors:

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Daniel Bednar, PhD (Western)  
Merlin Chatwin, PhD Candidate (Western)  
Wendy Dickinson, PhD (Western)  
Stephen Evans, MPA (Western)  
Clare Gordon, PhD (Western)  
Christopher Hewitt, PhD (Western)  
Kim Holland, MA (Western)  
Beth Hundey, PhD (Western)  
Moses Kansa, PhD Candidate (Western)  
Wes Kinghorn, PhD (Western)  
Gina Martin, PhD (St Andrews)  
Grant Morin, PhD Candidate (Western)  
Mark Moscicki, MA (Western)  
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Bill Buhay, PhD (Waterloo) b.buhay@uwinnipeg.ca
  Development and application of stable-isotope methods for evaluating isotopic
  compositions of organic and inorganic materials from natural archives such as
  groundwater, lake sediments, and terrestrial organic matter
  Pre- and postglacial isotope-climate and hydrology linkages in central and
  western North America and Western Europe
  Water, climate and greenhouse gas emission studies using isotope tracers;
  isotope geochemistry; isotope climatology and paleoclimatology

Edward A. Cloutis, PhD (Alberta) e.cloutis@uwinnipeg.ca
  Composition of main belt asteroids
  Design of planetary spectrometers and mission concepts
  Hyperspectral remote sensing data analysis
  Remote sensing detection of organic geological materials
  Spectroscopic studies of art work for forgery and underpainting detection
  Surficial geological properties of Mars

Jino Distasio, PhD (Manitoba) j.distasio@uwinnipeg.ca
  Homelessness and mental health
  Housing markets
  Urban Aboriginal issues
  Urban and community planning

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

Jacqueline Binyamin, PhD (McMaster)  j.binyamin@uwinnipeg.ca
Climate change
Modelling clouds and ultra-violet biologically active radiation (UV-B)
Modelling the energy transfer of high latitude Canadian lakes
Surface-atmosphere interactions and boundary layer processes

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

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

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

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

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

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

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

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

Senior Scholars:

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

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

H. John Selwood PhD (Western Australia)  
j.selwood@uwinnipeg.ca  
Heritage issues  
Rural settlement schemes  
Sustainable environments  
Domestic tourism
Vancouver Island University
900 Fifth Street, Nanaimo, BC V9R 5S5
(250) 753-3245 — Fax (250) 740-6550
Email: geochair@viu.ca
Website: https://socialsciences.viu.ca/geography/

Department Offers

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

Faculty

Regular Faculty: Email Address:
Matthew Bowes, PhD (Victoria) matthew.bowes@viu.ca
  Community-based mapping
  Environmental communication and education
  Human dimensions of parks and protected areas
  Human dimensions of wildlife in parks and protected areas
  Sustainability
  Tourism
  Urban green space
Dave Cake, MSc (Victoria) dave.cake@viu.ca
  Wildlife habitat modeling
  Engineering and environmental applications of GIS
  Geodatabase design and implementation
Alan Gilchrist, PhD (Liverpool) alan.gilchrist@viu.ca
  Macroscale geomorphology
  Watershed restoration in coastal British Columbia
  Water resources management on Vancouver Island
Michael Govorov, PhD (Siberian State Academy) michael.govorov@viu.ca
  Geostatistical modelling and mapping for environmental studies
  GIS learning objects
Jeff Lewis, PhD (Victoria) jeff.lewis@viu.ca
  Awareness of climate change through education and research – public outreach
  Climate change impacts and adaptation
  Vancouver Island weather station network
Michele Patterson1, MA (Royal Roads) michele.patterson@viu.ca
  Social and cultural values in seafood and seafood communities

1 Chair, Geography Department and GIS Programs
Pam Shaw², PhD (Victoria)  
Planning and the public interest  
Retail geography  

Sean Sloan³, PhD (University of Melbourne)  
Conservation and Development  
Rural transitions and forest management  
Social-political and agrarian dimensions of land-cover transitions  
Forest transition science (sub-field of sustainability science)  

Hannah Wilson, PhD (Waterloo)  
Educational advances in spatial analysis  
Remote predictive mapping of for mineral resource explorations in Canada’s North  
Remote sensing applications in resource management  
Terrestrial ecosystems  

Paul Zandbergen, PhD (UBC)  
Geographic Information Science  
Spatio-temporal analysis and modelling  
Positioning technologies and location-based services  
Error propagation modelling in spatial processes  
Terrain analysis and watershed management  

**Limited Term Contract Faculty:**  

Jason Young, PhD (McGill)  
Power, place, and memory  
Science and society  
Citizenship and national identity  
Cities and urban communities  
Surveillance, violence and society  
The histories of power  

**Sessional Faculty:**  

Brad Maguire, PhD (Victoria)  
GIS, Geomorphology, Spatial Modelling, GeoAI (Convolutional Neural Networks)  
Using GIS and CNN for landform identification  
Mapping of place and place attachment using GIS  

Jaylene Murray, PhD (U Saskatchewan)  
Human dimensions of sustainability  
Indigenous sovereignty, cultural revitalization  
Social and organizational change, social movements, environmental behaviour  
Sustainable community development  

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² Master of Community Planning program—Chair, Mount Arrowsmith Biosphere Region Research Institute—Research Director  
³ VIU Tier 2 Canada Research Chair in the Human Dimensions of Sustainability and Resilience
Yaser Sadeghi, PhD (UQAM)  
Geographic Information Systems  
Remote Sensing  
Lidar  
Geomatics  
Kayla Stan, PhD (U Alberta)  
Environmental sciences  
GIS  
Socioeconomics and finance  

Adjunct Faculty:  
Bill Floyd, PhD (British Columbia)  
Forest hydrology with a focus on land-use impacts to stream flow and water quality  
Implications of climate change on regional stream flow and extreme events  
Nutrient export from forested watersheds  
Michael Tripp, PhD (Victoria) (also sessional)  
Historical geography—immigration  
Russian protected area systems / post-Soviet Russia  
Suburban social geography  

Honorary Research Associate:  
Don Alexander, PhD (Waterloo) retired faculty  
Theory and practice of urban sustainability/ livability  
Urban governance and the climate crisis  
Universities as vehicles for sustainability theory and practice  
Place-making and teaching “place literacy”  
Protecting the small retail sector  

Technician:  
Jessica Craig⁴, MSc (Victoria)  
Macroscale geomorphology  
Quaternary geology  
Geography education  
Emily Lambert⁵, MSc, U Calgary)  
Forest understory dynamics, forest ecology  
Silviculture, invasive species  

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⁴ On maternity leave  
⁵ Temporary technician for 2021-2022 academic year
Wilfrid Laurier University
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Website: https://students.wlu.ca/programs/arts/geography-and-environmental-studies/index.html

Department Offers¹
BA, BSc, MA, MES, MSc, PhD

Faculty – Waterloo Campus

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

Retired Professors:
Jody Decker, Judy Bates, Bob Sharpe, Rob Milne, Michael English

Professors: E-mail Address:
Alison Blay-Palmer, PhD (Guelph) ablaymental@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 environmental education
  Northern and Western Canada, Alaska, Australia and Great Lakes Parks and protected areas
  Systems approaches to environmental planning and management

Margaret Walton-Roberts, PhD (British Columbia)  mwaltonroberts@wlu.ca
  Canadian immigration
  Gender and migration
  Immigration and cultural change in the urban environment
  Indo-Canadian transnational networks

Brent Wolfe, PhD (Waterloo)  bwolfe@wlu.ca
  Isotope hydrology and paleohydrology, limnology and multi-proxy paleolimnology
  Past and present hydroecology in northern freshwater landscapes (Peace-Athabasca [AB] and Slave River deltas [NWT]; Old Crow Flats [YT]; Wapusk National Park [MB])

³ Canada Research Chair
Associate Professors:

James Hamilton, PhD (McMaster)  jhamilto@wlu.ca
Climate change and biosphere reserves
Hydrology and geomorphology of karst in northwestern Canada
Niagara Escarpment hydrology

Michael Imort, PhD (Queen’s)  mimort@wlu.ca
Forestry and nationalism
Role of the forest in German culture and in the creation of a national identity
Symbolic landscapes
Tourism and the commodification of heritage

Christopher Lemieux, PhD (Waterloo)
Dr. J. McMurry Research Chair in Environmental Geography
Resource and Environmental Policy and Management
Climate Change
Institutional Analysis
Sustainability
Science-Policy Interface

Steven Roberts, PhD (Waterloo)  sroberts@wlu.ca
Applied graph theory and oriented matroids
Combinatorial optimization
Genetic algorithms
Landscape ecology
Parallel computing
Spatial data models and data structures

Colin Robertson, PhD (Victoria)  crobertson@wlu.ca
GIS
Spatial analysis

Jason Venkiteswaran, PhD (Waterloo)  jvenkiteswaran@wlu.ca
Biogeochemical cycling of nutrients and related elements, and human- and climate-related disruptions of these cycles
Fate of biogeochemical elements via stable isotope measurements and process-based ecological models
Whole-ecosystem research on reservoir creation, ecosystem metabolism, and eutrophication

Assistant Professors:

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

⁴ Canada Research Chair
Ice thickness estimation using optical sensors
Data quality and evaluation/validation
Land monitoring using SAR imagery
Permafrost monitoring
Clouds microphysics and ice content monitoring using remote sensing

Miguel Sioui, PhD (Carleton) msioui@wlu.ca
Indigenous Knowledges (IK’s) in America
Environmental Management
Environmental Ethics

Faculty – Brantford Campus

Associate Professors:

Brenda Murphy, PhD (Guelph) bmurphy@wlu.ca
Community-level rural risk resiliency and technological/natural hazards (nuclear waste, power outages, climate change, tornadoes)
Emergency management and social capital
Maple syrup ecosystems
York University
Graduate Program in Geography
Faculty of Environmental & Urban Change
4700 Keele Street, Toronto, Ontario M3J 1P3
(416) 736-5107 — Fax: (416) 736-5988
Graduate Program Website: https://geography.gradstudies.yorku.ca/
Faculty website: https://euc.yorku.ca/

Faculty Offers
BA, BSc, BES in: Global Geography; Environmental Science; Cities, Regions, Planning;
Environmental Arts and Justice; Sustainable Environmental Management.
MA, MES, MES-Planning, MES/JD, MSc, PhD in: Geography; Environmental Studies;
Environmental Studies (Planning).

Faculty¹

Professors Emeriti:
Frank A. Barrett, Jon Caulfield, Qiuming Cheng, William C. Found, Donald B. Freeman,
James R. Gibson, Bryn Greer-Wootten, Conrad E. Heidenreich, Alan R. Hill, Martin C.
Kellman, John U. Marshall, William C. Mahaney, Bryan H. Massam, H. Roy Merrens,

Professors Emeriti²:

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

¹ Listing is for members appointed to the Graduate Program in Geography
² Actively recruiting/supervising graduate students
Glen Norcliffe, DSc (Bristol)  
gnorclif@yorku.ca  
- The globalization of industry and sport  
- Extractive peripheries  
- Geographical construction of technology  
- Diverse geographies of industry and of its globalization  
- Performance of the economy  

Valerie Preston, PhD (McMaster)  
vpreston@yorku.ca  
- Feminist geography  
- Geographies of housing and labour markets  
- International migration and Canadian cities  
- Urban social geography  

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

Professors:  

Martin Bunch, PhD (Waterloo)  
bunchmj@yorku.ca  
- Ecosystem approaches  
- Environment and health  
- Watershed management  
- System Thinking  
- Geographic information systems  
- International development  

Raju Das, PhD (Ohio)  
rajudas@yorku.ca  
- Class theory  
- Geographically uneven development  
- Globalization/neoliberalism and rural/agrarian labour  
- Political economy  
- Social movements  
- State-society relations  

Liette Gilbert, PhD (Los Angeles)  
gilbertl@yorku.ca  
- Neoliberalization of migration  
- Urban citizenship  
- Social and spatial justice  
- Political economy of sub/urbanization  
- Post-disaster urban redevelopment  

Christian Haas, PhD (Bremen)  
haasc@yorku.ca  
- Airborne geophysics  
- Arctic climate change  
- Electromagnetic induction sounding  
- Ice engineering  
- Ocean-ice-atmosphere interaction  
- Satellite remote sensing
Alice Hovorka, PhD (Clark)  
Human-environment relationships  
Animal geographies  
Gender and environment  
Urban geography  
Applied human geography  
ahovorka@yorku.ca  

Baoxin Hu, PhD (Boston)  
Photogrammetry  
Remote sensing of vegetation  
3-D measurement and modeling  
baoxin@yorku.ca  

Jennifer Hyndman, PhD (British Columbia)  
Critical and feminist geopolitics  
Geographies of forced migration/immigration  
Humanitarian aid in response to conflict/asylum/disasters  
Refugee (re)settlement  
jhyndman@yorku.ca  

Roger Keil, DrPhil (Johann Wolfgang Goethe)  
Global suburbanisms  
Infectious disease and cities  
Urban infrastructures  
Urban governance  
Urban political ecology  
rkeil@yorku.ca  

Philip F. Kelly, PhD (British Columbia)  
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  
pfkelly@yorku.ca  

Ute Lehrer, PhD (UCLA)  
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  
lehrer@yorku.ca  

Joseph Mensah, PhD (Alberta)  
African immigrant religion and cultural identity  
Critical development theory  
Geographies of development and health  
Neoliberalism and globalization in Africa  
Religious transnationalism  
jmensah@yorku.ca  

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

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

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

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

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

Associate Professors:

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

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

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

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⁴ Graduate Program Director
Digital economies, personal data, and AI
Bioeconomies
Laam Hae, PhD (Syracuse) lhae@yorku.ca
Legal geographies
Neoliberal urbanization
Politics of urban subcultures
The right to the city
Urban political economy
Urbanization in South Korea
William Jenkins, PhD (Toronto) wjenkins@yorku.ca
North American immigration history
Irish Studies
Historical geography
Nationalism studies
Diasporas and transnationalism
Stefan Kipfer, PhD (York) kipfer@yorku.ca
Comparative urban-regional politics and planning
Marxist and counter-colonial traditions
Populism and fascism
Public housing: gentrification, privatization and redevelopment
Suburbanization, territorial relations and regional planning
The works of Henri Lefebvre, Antonio Gramsci and Frantz Fanon
Theories of society, politics and the city
Jennifer Korosi, PhD (Queen's) jkorosi@yorku.ca
Limnology
Paleolimnology
Arctic/subarctic environmental change
Biogeography
Environmental contaminants
Christopher Lortie, PhD (British Columbia) lortie@yorku.ca
Biogeography
Climate change
Community
Desert system restoration and management
Invasion biology
Carloata McAllister, PhD (Johns Hopkins) carlota@yorku.ca
Political ecology
Political theology
Latin American & Caribbean Studies
Religion
Revolution
Deborah McGregor, PhD (U of T) dmgregor@osgoode.yorku.ca
Indigenous Environmental Justice
Indigenous Governance; Sustainability

5 Canada Research Chair in Indigenous Environmental Justice
Water Governance
Indigenous Intellectual Traditions
Jean Michel Montsion, PhD (McMaster)  jmmontsion@glendon.yorku.ca
  Canada-Asia relations
  Critical ethnic and racial studies
  Emotional landscapes
  Gateway cities and community politics
  International education
Justin Podur, PhD (Toronto)  jpodur@yorku.ca
  Forest fires
  Geographic information systems
  International development and conflict
Roberto Quinlan, PhD (Queen's)  rquinlan@yorku.ca
  Aquatic ecology
  Limnology
  Paleoecology
Tarmo Remmel, PhD (Toronto)  remmelt@yorku.ca
  Shape and spatial pattern analysis
  Accuracy assessment and spatial uncertainty
  Boreal forest disturbance mapping
  Satellite and UVA remote sensing
  Scale and vegetated landscape analysis
Steven Tufts, PhD (York)  tufts@yorku.ca
  Labour and economic development
  Labour and environment
  Labour unions and the city
  Labour market adjustment
  Workers and populism
Douglas Young, PhD (York)  dogoyo@yorku.ca
  Legacies of modernist and socialist urbanism
  Suburban decline and renewal
  Urban infrastructure
  Urban planning and development processes
Anna Zalik, PhD (Cornell)  azalik@yorku.ca
  Critical geopolitics of the oil industry
  Political ecology
  (Post) coloniality
  Radical/resource geographies

Assistant Professors:

Nga Dao, PhD (York)  ngadao@yorku.ca
  Agrarian change
  Environmental governance
  Political ecology
  Gender and Development
  Vietnam and Southeast Asian Development
Sarah Rotz, PhD (Guelph)  
Agriculture  
Critical Research Methodologies  
Indigenous Food & Land Sovereignty  
Political Ecology and Food Justice  
Climate Change  
Settler Colonial Studies  

Joshua Thienpo PhD (Queen's)  
Quaternary environments  
Landscape disturbance  
Permafrost thaw  
Aquatic ecosystems  
Arctic coasts
Appendix 1 / Annexe 1
THE CANADIAN ASSOCIATION OF GEOGRAPHERS
CONSTITUTION

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

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

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

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

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

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

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

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

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

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

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

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

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

Article II - Objectifs
1. L'Association a pour 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.
Appendix 2 / Annexe 2
CAG Annual General Meetings / Assemblée générale annuelle de l’ACG

1951 McGill University
1952 Université Laval
1953 University of Western Ontario
1954 University of Manitoba
1955 University of Toronto
1956 Université de Montréal
1957 University of Ottawa
1958 University of Alberta
1959 University of Saskatchewan
1960 Queen’s University
1961 McGill University
1962 McMaster University
1963 Université Laval
1964 University of Western Ontario
1965 University of British Columbia
1966 University of Sherbrooke
1967 Carleton University
1968 University of Calgary
1969 Memorial University of Newfoundland
1970 University of Manitoba
1971 University of Waterloo
1972 Université de Montréal (IGC)
1973 Lakehead University
1974 University of Toronto
1975 Simon Fraser University
1976 Université Laval
1977 University of Regina
1978 University of Western Ontario
1979 University of Victoria
1980 Université de Québec à Montréal
1981 Grenfell College
1982 University of Ottawa
1983 University of Winnipeg
1984 Malaspina College
1985 Université de Québec à Trois-Rivières
1986 University of Calgary
1987 McMaster University
1988 St. Mary’s University
1989 Université de Québec à Chicoutimi
1990 University of Alberta
1991 Queen's University
1992 University of British Columbia
1993 Carleton University
1994 Wilfrid Laurier University
1995 Université de Québec à Montréal
1996 University of Saskatchewan
1997 Memorial University of Newfoundland
1998 Université d’Ottawa
1999 University of Lethbridge
2000 Brock University
2001 McGill University, Concordia University, and Université de Montréal
2002 Ryerson University, University of Toronto, and York University
2003 University of Victoria
2004 Université de Moncton and Mount Allison University
2005 University of Western Ontario
2006 Lakehead University
2007 University of Saskatchewan
2008 Université Laval
2009 Carleton University
2010 University of Regina
2011 University of Calgary
2012 University of Waterloo and Wilfrid Laurier University
2013 Memorial University
2014 Brock University
2015 Simon Fraser University
2016 Saint Mary’s University and Dalhousie University
2017 York University
2018 Université Laval
2019 University of Winnipeg
2020 Virtual / virtuelle
2021 University of Northern British Columbia (Virtual / virtuelle)
### Appendix 3 / Annexe 3

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

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

* Deceased
Appendix 4 / Annexe 4
CAG Award Winners / Gagnant(e)s des Prix de l’ACG

Award for Scholarly Distinction in Geography

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

Le Prix pour distinction universitaire en géographie

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

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

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

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

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

Le Prix d’excellence pour l’enseignement en géographie

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

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

1997  Stuart W. Semple
1998  Neil Field
1999  André Roy
2000  Lorne Bennett
       Jean Andrey
2001  Robert Rogerson
2002  no award/non attribué
2003  Ben Moffat
       James E. Randall
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
       William Gough
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
Award for Geography in the Service of Government or Business

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

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

Le Prix de géographie au service du gouvernement ou des affaires

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

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

1997  Ken G. Jones
1998  no award/non attribué
1999  Alistair McVey
2000  Anthony Lea
2001  Frank Quinn
2002  no award/non attribué
2003  Charles Hostovsky
2004  Barry Wellar
2005  Robert Pampalon
2006  no award/non attribué
2007  Quentin Chiotti
2008  no award/non attribué
2009  Terry Prowse
2010  Joan Marsha Schwartz
2011  Donald Forbes
2012  Donna Williams
2013  Daniel Hiebert
2014  Stephen Woodley
2015  Peter G. Bush
2016  no award/non attribué
2017  David Phillips
2018  no award/non attribué
2019  no award/non attribué
2020  no award/non attribué
2021  no award/non attribué
2022  no award/non attribué
2023  no award/non attribué
2024  no award/non attribué
2025  no award/non attribué
2026  no award/non attribué
2027  no award/non attribué
2028  no award/non attribué
2029  no award/non attribué
2030  no award/non attribué
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
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 reconnaissancenc 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 Isaac, University of Saskatchewan  
1997-1999†  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  
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  
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  

† 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
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
Appendix 7 / Annexe 7
The 2021 CAG Undergraduate Award Winners / Gagnant(e)s du Prix du premier cycle de l’ACG 2021

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

| University of Alberta          | no submission / aucune soumission |
| University of Alberta - Augustana | Braeden Kelly                      |
| Bishop's University            | Jithin Jose                         |
| Brandon University             | Jana Botha                          |
| University of British Columbia | Angela Liu                          |
| UBC - Okanagan Campus          | no submission / aucune soumission  |
| Brock University               | Erin Schmidtke                      |
| University of Calgary          | Rory Armstrong                      |
| Carleton University            | Erika Cizek                          |
| Concordia University           | Clement Boisselier                   |
| University of the Fraser Valley| Anna Gorby                          |
| University of Guelph           | no submission / aucune soumission  |
| Lakehead University            | no submission / aucune soumission  |
| Université Laval               | Mathilde Giguère                     |
| University of Lethbridge       | Nicole Byford                        |
| University of Manitoba         | Sofia Paez Calle                     |
| McGill University              | Wanrong (Wendy) Huang                |
| McMaster University            | Becky Copeland                      |
| Memorial University            | Jane Kenny                           |
| Université de Moncton          | no submission / aucune soumission  |
| Université de Montréal         | Élainie Voyer-Leblanc                |
| Mount Allison University       | Jacob MacPherson                     |
| Nipissing University           | Kayden Sim                           |
| University of Northern BC      | no submission / aucune soumission  |
| University of Ottawa           | Claudia Sauro                        |
| Université du Québec à Montréal| no submission / aucune soumission  |
| Queen's University             | Anna Phipps                          |
| University of Regina           | no submission / aucune soumission  |
| Ryerson University             | no submission / aucune soumission  |
| Saint Mary's University        | Katherine Macdonald                  |
| University of Saskatchewan     | Terava Groff                         |
| Université de Sherbrooke       | Simon Durand                         |
| Simon Fraser University        | Grace Elizabeth Sherrell             |
| Thompson Rivers University     | Samantha Loewen                      |
| University of Toronto - Mississauga | Esther Grace Kaye                   |
| University of Toronto - Scarborough | Peyton Alexander                  |
| University of Toronto - St. George | Erica Liu                           |
| Trent University               | Christopher Schweighofer             |
| Trinity Western University      | Natalie Bruner                       |
| Vancouver Island University    | Colt Gnech                          |
| University of Victoria        | Mack Ross                            |
| University of Waterloo        | Devon Jones                          |
| University of Western Ontario  | John Patrick Hutchenreuther          |
| Wilfrid Laurier University    | no submission / aucune soumission  |
| University of Winnipeg         | Anya Ingram                          |
| York University                | no submission / aucune soumission  |
Appendix 8 / Annexe 8
Study Groups / Groupes d'étude

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

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

1. **Feminist Intersectional Solidarity Group /**
   **Groupe de solidarité intersectionnelle féministe**
   Chair / Présidente : Zoe Meletis, zoe.meletis@unbc.ca

2. **Environment and Resources Study Group /**
   **Groupe d'étude sur l'environnement et les ressources**
   Co-Chair / Co-président : Jonathan Luedee, jonathan.luedee@utoronto.ca
   Co-Chair / Co-président : Liam Kennedy-Slaney, lak9@sfu.ca

3. **Tourism and Recreation Study Group /**
   **Groupe d'étude en tourisme et loisirs**
   Co-Chair / Co-présidente : Kim Lemky, lemkyk@BrandonU.ca
   Co-Chair / Co-président : Chris Fullerton, chris.fullerton@brocku.ca

4. **Economic Geography Study Group /**
   **Groupe d'étude sur la géographie économique**
   Chair / Président : Patrick Brouder, patrick.brouder@viu.ca

5. Marine Studies and Coastal Zone Management Study Group /
   Groupe d'étude sur la gestion des zones maritimes et cotières

6. **Health and Health Care Study Group /**
   **Groupe d'étude sur la santé et les soins de la santé**
   Chair / Président : Vicent Kuuire, vincent.kuuire@utoronto.ca
   Vice-Chair / Vice-présidente : Jenna Dixon, jenna.dixon@ubc.ca

7. **Indigenous Peoples Working Group /**
   **Groupe de travail sur les peuples autochtones**
   Co-Chair / Co-présidente : Dena Farsad, dfarsad@gmail.com
   Co-Chair / Co-présidente : Tsatia Adzich, tsatia_adzich@sfu.ca
8. **Rural Geography Study Group** /  
   **Groupe d’étude en géographie rurale**  
   Chair / Président : Doug Ramsey, ramsey@brandonu.ca

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

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

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