Department of Geography
University of Ottawa
60 University, Simard Hall (031)
Ottawa, ON K1N 6N5

Département de géographie
Université d’Ottawa
60 Université, Pavillon Simard (031)
Ottawa, ON K1N 6N5

Executive Committee 2019 Comité exécutif

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Sanjay Nepal

Vice-President / Vice-président
Neil Hanlon

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Martin Simard (Québec)
Trevor Wideman (Student/Étudiant)

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

Executive Coordinator / Coordonnatrice exécutive
Kathryn Laferriere

Email/Courriel : info@cag-acg.ca Tel : 613-562-5208
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### Academic Year 2018-2019

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Inscription aux départements de géographie
Année académique 2018-2019

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

Footnotes for table on page iii

(1) 47 Honours + 321 Specialization
(2) 13 Graduate Diploma in Environmental Assessment DEA + 114 MA/MSc
(3) 220 BA Geographic Analysis + 330 BA Environment and Urban Sustainability, full-time
(4) 26 full-time + 9 part-time MSA (Spatial Analysis)
(5) 48 Single Major + 12 Joint Major GIS Program with Fleming College
(6) Interdisciplinary program in Environmental Science
(7) 15 MA + 16 MSc
(8) 75 Geography Major + 102 Environmental Governance Major + 28 Environment & Resource Management Major + 18 Environmental Geomatics Major
(9) 17 Geography Minor + 18 GIS & Environmental Analysis Minor
(10) 1 GEOG Honours + 1 GEOS Honours (program shared with Geology Department)
(11) 25 GEOG Major + 38 ENST Major + 23 GEOS Major + 1 BGISC Major
(12) Combination of Environment and Society + Environmental Earth Science + Regional and Urban Planning undergraduate programs
(13) 3 BA Geography + 1 BSc Geography
(14) 14 BA Geography + 5 BSc Geography
(15) 11 BA Geography + 2 BSc Geography
(16) 4 City Studies + 4 Human Geography
(17) 34 City Studies + 101 Human Geography + 22 Physical & Human Geography
(18) 319 City Studies + 72 GIS + 89 Human Geography + 69 Urban Public Policy & Governance
(19) Tri-campus: includes 65 MSc Planning, 32 PhD Planning
(20) Includes 39 enrolled in BSc in Geosciences
(21) Includes 29 enrolled in post-graduate GIS Diploma
Bishop’s University
Department of Environment and Geography
Sherbrooke, QC J1M 1Z7
(819) 822-9600 – Fax (819) 822-9661
Website: http://www.ubishops.ca/academic-programs/faculty-of-arts-and-science/social-sciences/environment-and-geography/

Department Offers

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

Faculty

Professors Emeriti: E-mail Address:

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

Professors:

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

Thomas H. Fletcher, PhD (McGill) tfletche@ubishops.ca
  Environmental justice and hazardous waste
  History of Memphremagog conservation

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

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

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

1 Chair (Faculty information as of July 1, 2019)
2 Tier II Canada Research Chair in Climate and Environmental Change
Assistant Professor:

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

Lecturers:

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

Jennifer Downing, M.Ed. (Bishop’s) jdowning@ubishops.ca
Sustainable agriculture and food systems
Permaculture design
Market gardening

Albert Haller, PhD (Western) ahaller@ubishops.ca
The Canadian Arctic
Inuit culture
Department Offers

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

Faculty

Professors Emeriti: E-mail Address:
John Everitt, PhD (UC Los Angeles) everitt@brandonu.ca
Human geography, tourism
Rod McGinn, PhD (Manitoba) mcginn@brandonu.ca
Hydrology, glacial geomorphology, meteorology

Professor:

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

Associate Professors:

Derrek Eberts, PhD (York) ebertsd@brandonu.ca
Canadian brewing industry
Tourism impacts
Downtown revitalization
Ethnic recreational landscapes
Christopher Malcolm, PhD (Victoria) malcolmc@brandonu.ca
Wildlife management
Wildlife ecotourism
Human dimensions of wildlife and tourism
Pete Whittington, PhD (Waterloo) whittingtonp@brandonu.ca
Hydrology
Wetlands
Peatlands
Dion Wiseman, PhD (Indiana State) wiseman@brandonu.ca
Land cover mapping
GIS/Remote sensing

1 Member of the Department of Rural Development
2 Chair (Faculty information as of July 1, 2016)
Unmanned air vehicles
Rachel Herron\textsuperscript{3}, PhD (Queens) \hspace{1cm} herronr@brandonu.ca
Rural health
Aging
Dementia
Care and caregiving
Voluntarism
Gender and health

Assistant Professors:
Alexander Koiter, PhD (UNBC) \hspace{1cm} koitera@brandonu.ca
Watershed science
Soil and water conservation
Geomorphology
Sediment dynamics
Kristen Lowitt, PhD (Memorial University) \hspace{1cm} lowittk@brandonu.ca
Sustainable food systems
Small-scale fisheries
Food sovereignty

Instructional Associate:
Wenonah van Heyst, MGIS (Calgary) \hspace{1cm} fraserw@brandonu.ca

Adjunct Professors:
Aaron Glenn, PhD (University of Manitoba) \hspace{1cm} aaron.glenn@canada.ca
Micrometeorology, soil science, land surface-atmosphere interactions
Maria Strack, PhD (McMaster) \hspace{1cm} mstrack@uwaterloo.ca
Ecohydrology, biogeochemistry, wetlands, restoration
Henry Wilson, PhD (Trent) \hspace{1cm} henry.wilson@agr.gc.ca
Hydrology, biochemistry, land use-aquatic ecosystem interactions

\textsuperscript{3} CRC Rural and Remote Mental Health (Tier II)
Department Offers

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

Faculty

Professor Emeritus:  
Hugh J. Gayler, PhD (British Columbia)  
hjgayler@brocku.ca  
Niagara’s emerging wine culture  
Planning issues on the rural-urban fringe  
Smart growth  
Urbanisation and agricultural land preservation

Anthony B. Shaw, PhD (Western)  
tshaw@brocku.ca  
Detection and prediction of road surface icing conditions  
Microclimate analysis for specialty crops  
Thermal and moisture behaviour of stud wall vs structural insulated panel  
Wind machine for freeze protection  
Wind resource assessment for wind power  
Wine terroir and sub-appellations

Professors:

David Butz, PhD (McMaster)  
dbutz@brocku.ca  
Road construction, mobility and social change in the global south  
Community level social organisation in northern Pakistan  
Mobility justice  
Qualitative methodology  
Sound and spatiality  
Social and cultural geography

David Fennell, PhD (Western)  
dfennell@brocku.ca  
Ecotourism  
Nature-based tourism  
Tourism ethics  
Ecotourism policy and planning

Phillip Gordon Mackintosh, PhD (Queen’s)  
ppmackintosh@brocku.ca  
Historical mobilities, including bicycling  
Public space and bourgeois culture  
Urban reform and city planning
Victorian gender relations and fraternalism
Historical newspapers and liberalism

John Menzies, PhD (Edinburgh), P. Geo
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Glacial microsediementology
Subglacial sediments
Past glacial environments

jmenzies@brocku.ca

Catherine Jean Nash, PhD (Queen's)
Feminist geography
Gender and sexuality
LGBTQ issues
Queer theory
Social and cultural geography

catherine.nash@brocku.ca

Michael Pisaric, PhD (Queen's)
Climate change impacts on northern ecosystems
Dendrochronology
Paleolimnology
Biogeography

mpisaric@brocku.ca

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Geographies of popular memory
Geography and ethnohistory
Historical and cultural geography
Historical geographies of First Nations in Ontario

mripmeester@brocku.ca

Dragos Simandan, PhD (Bristol)
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

simandan@brocku.ca

Associate Professors:

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

dboggs@brocku.ca

David T Brown, PhD (McGill)
Digital tourism and interpretation
Municipal cultural mapping
Niagara Greenbelt Gateway Project
Friends of Laura Secord publications, projects, and initiatives: digital interpretation, Laura Secord Legacy Trail, community infrastructure projects
Land management plans for the Niagara Parks Commission
Trail and greenway management

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1 Chair (Faculty information as of July 1, 2018)
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
Christopher Fullerton, PhD (Saskatchewan) chris.fullerton@brocku.ca
Rural planning and development
Rural tourism development
Tourism development in Niagara Region
Public transit planning and policy
Atsuko Hashimoto, PhD (Surrey) ahashimoto@brocku.ca
Socio-cultural and human aspects of tourism development
(epecially women and children)
Green tourism
Dark tourism
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
David J Telfer, PhD (Waterloo) dtelfer@brocku.ca
Linkages between tourism and development theory
Tourism planning and development
Rural tourism development
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

Assistant Professor:

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

Jayson Childs, PhD (Wilfrid Laurier)  
Coastal geomorphology  
Aeolian geomorphology  
Water resources  
Geography and education  
Coastal management  

jchilds@brocku.ca
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Department of Geography and Environmental Studies
1125 Colonel By Drive, Ottawa, ON K1S 5B6
(613) 520-2561 — Fax (613) 520-4301
E-Mail: Chair_Geography@carleton.ca
Website: http://www.carleton.ca/geography

Department Offers

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

Faculty

Distinguished Research Professors: E-mail 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
Regional and rural development in African and Latin America
The application of geomatics to socio-economic development
Doug King, PhD (Toronto) Doug.King@carleton.ca
Remote sensing and geospatial modelling and mapping of vegetation

Professors Emeriti:


Chancellor’s Professors:

Michael Brklacich, PhD (Waterloo) Michael.Brklacich@carleton.ca
Human dimensions of global environmental change
Rural and agricultural communities
Chris Burn, DSc (Durham), P.Geo. Christopher.Burn@carleton.ca
Permafrost and ground ice
Physical geography of the Yukon and western Arctic Canada

Professors:

Stephan Gruber, Dr. Sc. Nat. (Zurich) Stephan.Gruber@carleton.ca
Climate impacts on cryosphere phenomena
Methods development (computer simulation, measurement, scaling, uncertainty)
Permafrost
Elyn Humphreys, PhD (British Columbia)  Elyn.Humphreys@carleton.ca
Biometeorology
Carbon cycling in peatlands and Arctic tundra

Associate Professors:
Patricia Ballamingie, PhD (Carleton)  Patricia.Ballamingie@carleton.ca
Environmental conflict and democracy
Food systems policy and governance
Sustainable community
Joyce Lundberg, PhD (McMaster)  Joyce.Lundberg@carleton.ca
Karst geomorphology and bio-geomorphology
Paleo-environmental reconstruction from karst records
Quaternary geochronology
Pablo Mendez, PhD (British Columbia)  Pablo.Mendez@carleton.ca
Housing and metropolitan change
Informality and urban livelihoods
Urbanization and grassroots politics
Scott Mitchell, PhD (Toronto)  Scott.Mitchell@carleton.ca
Land cover and vegetation mapping in managed landscapes
Spatial analysis of landscape pattern and environmental processes
Derek Mueller, PhD (Laval)  Derek.Mueller@carleton.ca
Arctic ice shelves and ice islands
Indicators and impacts of climate change in the cryosphere
Remote sensing of the cryosphere
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
GIS, remote sensing, and spatial statistics
Watershed hydrology, water-quality and wetland science
Jennifer Ridgley, PhD (Toronto)  Jennifer.Ridgley@carleton.ca
Migrants’ rights and citizenship in the city
Urban policing and law enforcement
Derek A. Smith, PhD (Kansas)  Derek.A.Smith@carleton.ca
Cultural geography
Indigenous knowledges
Forest use and conservation
Participatory mapping
Jill Wigle, PhD (Toronto)  Jill.Wigle@carleton.ca
Informality and urban governance in Latin America
Geographies of spatial regulation, conflict and precarity in Mexico City
Land, housing and the Right to the City

¹ Chair (Faculty information as of July 1, 2019)
Assistant Professors:

Emilie Cameron, PhD (Queen's)  Emilie.Cameron@carleton.ca
Critical northern geographies
Geographies of Indigenous/non-Indigenous relations, colonialism, and
Geographies of resource extraction
Indigenous self-determination
Karen Hébert, PhD (Michigan)  Karen.Hebert@carleton.ca
Environmental politics in the subarctic North
Resource industries and commercial fisheries
Struggles over sustainability
David Hugill, PhD (York)  David.Hugill@carleton.ca
Colonial Urbanisms, Urban Political Ecology, Indigenous Urbanization, Political
Organizing, Socio-Economic Exclusion, North American Inner Cities
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)
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

Instructors:

Khaled Hamdan, PhD (Simon Fraser)  Khaled.Hamdan@carleton.ca
Physical geography/soil science
Biogeography
Climate Change
Koreen Millard, PhD (Carleton)  KoreenMillard@carleton.ca
Multi-sensor data fusion for improved understanding of hydrology/vegetation
change and interactions
Modelling spatial and temporal biophysical variables with time-series remote
sensing and field-measurements
Machine learning image classification for mapping environmental 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
Christopher Webb, PhD (University of Toronto)  
Urban geographies in the Global South  
Geographies of education and youth  
Political economy  

ChristopherWebb3@carleton.ca

Adjunct Professors:


Note: Contact information for Professors Emeriti and Adjunct Professors is available at http://www.carleton.ca/geography/staff-faculty/
Concordia University
Department of Geography, Planning and Environment
1455 de Maisonneuve Blvd. West, Montreal, QC H3G 1M8
(514) 848-2424 ext. 2050
E-Mail: Geogplanenviro@concordia.ca
Website: http://www.gpe.concordia.ca

Department Offers

BA Human Environment, BSc Environmental 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:  E-mail Address:

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

Emeritus Professors:

S. Robert Aiken, PhD (Penn State)  robert.aiken@concordia.ca
Tropical deforestation
Cultural geography
Developing country environmental issues
Jacqueline M. Anderson, PhD (Wisconsin)  jackie.anderson@concordia.ca
Cartographic visualization and design
Map user abilities
Map skills education
Max Barlow, PhD (McGill)  geogplanenviro@concordia.ca
Metropolitan governance
Political geography

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

Norma Rantisi, PhD (Toronto)  norma.rantisi@concordia.ca
    Industrial restructuring
    Social economy
    Workforce development

André Roy, PhD (New York at Buffalo)  andreg.roy@concordia.ca
    Hydro-geomorphology and fluvial dynamics

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

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

Monica E. Mulrennan, PhD (Dublin)  monica.mulrennan@concordia.ca
    Indigenous resource management
    Community-based conservation
    Local adaptation to environmental change
    Protected areas
Zachary Patterson, PhD (McGill)  zachary.patterson@concordia.ca
Emerging methods for data collection
Discrete choice experiments
Transportation and land-use

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

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

Assistant Professors:

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

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

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

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

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

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:**

Rosemary Collard, PhD (British Columbia)  
Affiliate Professors: rcollard@sfu.ca  
Animal life under capitalism  
Commodification and politics of nature/life  
Political ecology and critical theory  
Feminist political economy  
James Freeman, PhD (Berkeley)  
Urban social, cultural and economic geography  
Public space and urban popular culture,  
Urban political economy and Latin America  
Amy Luers, PhD (Stanford)  
Global Sustainability  
Climate & Resilience  
Big Data & AI  
Julie Podmore, PhD (McGill)  
Lesbian historical geographies  
Feminist geography  
Comparative queer urbanism  
LGBT neighbourhood studies  
LGBT youth and generational studies  
Amy Twigge-Molecey PhD (INRS)  
Urban Planning  
Neighbourhood and Community Planning  
Urban Sociology  

Department Offers

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

Faculty1

Faculty of Architecture and Planning

Professors:

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

Patricia Manuel, PhD (Dalhousie)  
School of Planning  
Climate change adaptation planning for coastal regions; marine spatial planning; aquaculture governance; social vulnerability and climate change; watershed and wetland planning

Associate Professors:

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

1 Faculty information as of July 01, 2019. Faculty teaching geography or cross-listed geography courses, or conducting geographic research.
Eric Rapaport, PhD (RIT, Stockholm)  
School of Planning  
Climate change adaptation planning; environmental and land use change using spatial analysis technology; visualization for planning applications; sustainable infrastructure planning; multiple criteria evaluation in environmental planning

Adjunct Instructor

Peter Bush, PhD (Western Ontario)  
School of Planning  
Landscape Ecology; old growth forests; geomatics; protected areas

Faculty of Arts and Social Sciences:

Associate Professors:

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

Martha Radice, PhD (INRS)  
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)  
Department of International Development Studies  
Environmental geography; political ecology; agricultural technology; farmer decision-making; historical geography; environmental security and conflict

Faculty of Health Professions:

Professor:

Ingrid Sketris, PharmD (Minnesota)  
College of Pharmacy  
Geographic distribution of pharmacies, pharmacists, and pharmacy services (e.g., methadone dispensing) and the geographic variation in the quality of drug prescribing

Faculty of Management:

Professor Emeriti:

Peter N. Duinker, PhD (New Brunswick)  
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

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

Assistant Professors:
Andrew S. Medeiros, PhD (York) andrew.medeiros@dal.ca
School for Resource and Environmental Studies, College of Sustainability
Freshwater ecology; arctic ecology; biogeography; paleolimnology; biomonitoring; environmental change; resource development
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
Melanie Zurba, PhD (University of Manitoba) melanie.zurba@dal.ca
School for Resource and Environmental Studies
Environmental governance, collaboration, participation, Indigenous issues, qualitative methods

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

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; coastal and urban development; cartographic representation; geospatial databases
Daniel Rainham, PhD (Ottawa)  daniel.rainham@dal.ca
Department of Earth and Environmental Sciences, cross-appointed in Community Health and Epidemiology; Elizabeth May Chair in Sustainability and Environmental Health
Health geography; GIS; GPS; environment and health; epidemiology; sustainability; nature contact; exposure assessment; children's health
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

Senior Instructor:

Anne Marie Ryan, PhD (Dalhousie)  amryan@dal.ca
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
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:

Lecturer:

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
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:

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

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

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

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

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

Associate Professors:

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

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

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

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

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

Assistant Professors:  
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

1 Cross-appointed with Anthropology  
2 Dean, Faculty of Science and Environmental Studies  
3 Chair (Faculty information as of July 1, 2016)
Geography Programs / Programmes d’études en géographie

BA Specialization/BA avec spécialisation, BA Concentration/BA avec concentration, 
BA Major in Geography / BA avec majeure en géographie, Certificate in Geographic 
Techniques / Certificat en techniques géographiques, Minor in Geography / Mineure en 
géographie

Faculty / Personnel enseignant

Professors Emeriti / Professeurs émérites :
Roger Pitblado, PhD (Toronto) rpitblado@laurentian.ca
Oiva Saarinen, PhD (London) oivaedeysaarinen@gmail.com
Youssef Toni, PhD (Durham)

Full Professor / Professeur titulaire :
Raoul Étongué Mayer, PhD (Laval) remayer@laurentienne.ca
Jorge Virchez, PhD (Laval) jvirchez@laurentian.ca

Associate Professors / Professeurs agrégés :
Moustapha Soumahoro, PhD (Laval) msoumahoro@laurentienne.ca

© Faculty information as of September 16, 2019 / Information sur le personnel enseignant, 19 septembre 2019
Pascale Roy-Léveillé, PhD (Carleton)  proyleveillee@laurentian.ca
Permafrost and thermokarst in northern Yukon / Pergélisol et processus thermokarstiques dans le nord du Yukon

Stephen Meyer, PhD (Western)  smeyer@laurentian.ca
Agglomeration economies
Complementary and alternative health care
The geography of dentists

Staff / Personnel non enseignant:

Pauline Bégin  pbegin@laurentian.ca
Léo Larivière  LLLariviere@laurentian.ca
Department Offers

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

Faculty

Professors Emeriti:

Sherry Olson, PhD (John Hopkins)  
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

Professors:

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

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

Nancy Ross, PhD (McMaster)  
nancy.ross@mcgill.ca
Contextual influences on body weight and health-related behaviours
Inequality and the health of urban populations
Physical and social environmental determinants of health
The socioeconomic gradient in health
Nigel Roulet, PhD (McMaster)  
nigel.roulet@mcgill.ca  
Eco hydrology and biogeochemistry of forested and wetlands ecosystems  
The carbon biogeochemistry of production peatlands and the use of peat  
Large-scale peatland dynamics: Hudson Bay Lowland  
Modelling of the development, vegetation dynamics, and carbon and nitrogen cycles of northern peatlands in natural and restored settings  
Peatlands as complex adaptive systems: patterns and process through time and over space  

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

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  

Associate Professors:  

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

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  

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  

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  

Chair (Faculty information as of July 1, 2019)
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

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  
Experiential environmental education and structuring safe, supportive and effective field courses  
Research areas: East Africa, Latin America, Canada

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

Natalie Oswin, PhD (British Columbia) natalie.oswin@mcgill.ca  
Migration and mobilities  
Sexuality and space; queer geographies  
Urban cultural politics

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
Post-harvest carbon trajectories for restored peatlands
Greenhouse and trace 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:

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

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

Grant McKenzie, PhD (UC Santa Barbara) grant.mckenzie@mcgill.ca
Geographic Information Science
Quantitative dimensions of Place and Space
Geospatial privacy and security
Human mobility patterns and trajectory analysis

Mylene Riva, PhD (University of Montreal)  mylene.riva@mcgill.ca
Indigenous Peoples’ health
Social and environmental determinants of health
Health inequalities
Housing
Place effects on health
Population health intervention research

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.
School Offers

BA, BSc, MA, MSc, PhD, Institute of Environment and Health, Centre for Spatial Analysis

Faculty

Professors: E-mail Address:

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

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

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

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

Paulin Coulibaly, PhD (Laval) couliba@mcmaster.ca
Climate variability
Hydroclimatic modelling and forecasting
Hydrology, hydrologic data assimilation
Water resource

*Geographer
Alan P. Dickin, PhD (Oxford)  
dickin@mcmaster.ca  
Crustal evolution in the Grenville Province of the Canadian Shield  
Radiogenic Isotope Geology

Carolyn H. Eyles, PhD (Toronto)  
eylesc@mcmaster.ca  
Environmental geology  
Glaciomarine sedimentology  
Tectonic versus climatic controls on sedimentation in glaciated basins

Karen Kidd, PhD (Queen’s)  
karenkidd@mcmaster.ca  
Contaminants in Aquatic Food Webs  
Forest management and stream health  
Dams and dam removal

Kenneth Bruce Newbold*, PhD (McMaster)  
newbold@mcmaster.ca  
Aging issues  
Immigration: settlement, adjustment, and health  
Internal migration in Canada and the United States

Hector Antonio Paez*, PhD (Japan)  
paezha@mcmaster.ca  
Health geography  
Spatial data analysis and statistics  
Transportation modelling

Eduard G. Reinhardt, PhD (Carleton)  
ereinhar@mcmaster.ca  
Catastrophic event stratigraphy  
Geoarchaeology  
Geographic information systems  
Isotope geochemistry  
Marine archaeology  
Micropaleontology (foraminifera)  
Quaternary geology  
Paleoenvironmental analysis

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Activity-based approaches to travel analysis and modeling  
Built environment  
Geographic info systems for transportation (GIS-T)

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Astrobiology, Geobiology  
Biodegradation and bioremediation  
Contaminant hydrogeology  
Environmental and Organic Geochemistry  
Stable isotope Geochemistry

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Multiphase flow through porous media  
Soil physics and hydrogeology  
Vadose zone hydrology  
Water flow and contaminant transport in the subsurface

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Urban health/quality of life  
Health determinants  
Women's health  
Sense of place  
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Program planning and evaluation  

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Geographies of disability  
Social geographies of exclusion  

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Cosmochemistry  
Experimental Geochemistry  
Marine and Aqueous Geochemistry  
Paleoclimatology  
Stable Isotope Geochemistry  

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Community-engaged research for northern sustainability  
Human dimensions of environmental change  
Indigenous knowledge  
Inuit Nunangat (Inuit homelands)  
Northern governance and co-management  
Cross-cultural research ethics and methodologies  

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Construction trades unions  
Equity and unions  
Gender  

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Stable isotope geochemistry  
Teaching and learning environments  
Urban planning  

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Agent-based modelling  
Crime geomatics  
Cluster detection methods and theory  
Child health  
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Medical geography  

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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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Terrestrial Carbon Cycle  
Climate Change Impact  

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Philosophies of teaching  
Teaching and learning environments  

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Human-forest interactions in the Caribbean
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Gender and work
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UNESCO World Heritage
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  Gender and embodiment
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  Net greenhouse gas emissions from bioenergy crop production
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  Youth geographies
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GIS and health care  
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Spatial analysis of supermarkets in Toronto metropolitan area and the implications on food deserts  
Chinese and Indian immigrants in Canada: an analysis of their labour market performance  
A Comparative Analysis of Nanjing and Toronto for Their Urban Planning.

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)  
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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

Sutama Ghosh, PhD (York, Canada)  
sutama@ryerson.ca
Critical 'race' theory, postcolonial theory, and theories of space  
Migration and settlement geographies, transnationalism, urban inequalities, particularly access to housing  
Regional Geography of ‘South Asia’ with particular reference to India

2 President, Canadian Association of Geographers - Ontario Division (CAGONT), Canadian Association of Geographers (CAG) and American Association of Geographers (AAG) University Representative
3 Undergraduate Program Director, Geographic Analysis
4 Undergraduate Program Director, Environment and Urban Sustainability
Andrew Millward, PhD (Waterloo) millward@ryerson.ca
Biogeography
Disturbance ecology (ice storms, wind storms, hurricanes)
Environmental applications of remote sensing
Land Geographic Information Systems (LGIS)
Urban forestry
Richard Shaker, PhD (Wisconsin - Milwaukee) rshaker@ryerson.ca
Sustainable development planning
Water resources planning and management
Landscape ecology
Spatial analysis
Stephen Swales, MA (Calgary) sswales@geography.ryerson.ca
Geographic Information Systems in distance education
Retailing in Canada
Eric Vaz, PhD (NOVA, Lisbon) evaz@ryerson.ca
Land use / land cover change modelling
Landscape metrics and environmental assessment
New methods in spatial perception, analysis and forecasting
The geography of regional economics
Urban growth and sprawl and impacts of urban footprint

Assistant Professors:
Jonathan Cinnamon, PhD (Simon Fraser) jcinnamon@ryerson.ca
Geographic Information Science
GIS and society
Data and society
Digital geographies
Health, urban, and development geographies
Evan Cleaves, PhD (Western Ontario) evan.cleave@ryerson.ca
Place branding and marketing
Local economic development planning, policymaking, and practice
Talent, migrant, and business attraction and retention
Patterns and impacts of the changing manufacturing landscape of Ontario
Sara Edge, PhD (McMaster) sedge@ryerson.ca
Immigrant and refugee health and well-being
Environment and health
Environmental justice and urban inequalities
Collaborative governance and knowledge integration
Socio-ecological systems
Tor Oiamo, PhD (Western Ontario) tor.oiamo@ryerson.ca
Exposure assessment
Environmental modelling
Health risk assessment
GIS and spatial statistics
Health and medical geography

5 Treasurer, CAGONT and Chair of the CAG Urban Geography Study Group.
Claire Oswald, PhD (Toronto)  
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  
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Greg Oulahen, PhD (Western Ontario)  
Human-environment interaction  
Hazards, Flood  
Risk, vulnerability  
Climate change adaptation  
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Christopher Wellen, PhD (Toronto)  
Watershed hydrology and biogeochemistry  
Watershed modelling and analysis  
Environmental statistics and uncertainty analysis  
Agroecosystem hydrology and water quality  
Urban hydrology and water quality  
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Limited Term Faculty and Instructors:

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Geographic Information Systems/Science  
Geodemographics  
Retail location planning  
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Valentina Capurri, PhD (York, Canada)  
Citizenship and identity  
Geography of Toronto  
Globalisation and territory  
Immigration and transnationalism  
Relocation/dislocation of residents in the urban gentrification process  
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Geographic Information Systems/Science  
GIS Programming  
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Mohammad Manshouri, PhD (Tehran)  
Water Quality, Treatment Processes, and Pollution Control  
Wastewater Treatment and Reuse  
Solid Waste Management  
Sustainability, Climate Change, Environmental Studies  
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Jeanne Maurer, MA (Toronto)  
Agriculture and the GTA  
Globalization, world cities, and regional sustainability  
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Ann Marie Murnaghan, PhD (York, Canada)  
Urban nature  
Anticolonial geographies  
Museum geographies  
Children's geographies  
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President, Canadian Geophysical Union - Hydrology Section
Adjunct Professor:

Tony Lea, PhD (Toronto)  tony.lea@envirronicsanalytics.ca

Administrative Staff:

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  Undergraduate Program Administrator—Environment and Urban Sustainability
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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 and Masters in Atlantic Canada Studies

Faculty

Professors Emeriti:

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

Professors:

Catherine Conrad, PhD (Wilfrid Laurier)  cconrad@smu.ca
Community-based environmental monitoring
Water quality and watershed management
Perceptions of climate change and environmental change
Sub-Saharan Africa: Clandestine migration

David Gauthier, PhD (Waterloo)  david.gauthier@smu.ca
Ecosystem management
Parks and protected areas

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

Danika van Proosdij, PhD (Guelph)  dvanproo@smu.ca
Coastal climate change vulnerability assessment and adaptation
Coastal geomorphology and morphodynamics
Ecosystem based restoration
Saltmarsh biophysical processes
Geomatics and UAVs
Associate Professors:

Jason Grek-Martin1, PhD (Queen’s)  jason.grekmartin@smu.ca
- Historical and cultural geographies of tourism in Nova Scotia and beyond
- Nature, place, and meaning in Halifax parks
- Survey science and statecraft in the 19th-century Canadian West
Cristian Suteanu, PhD (Bucharest)  cristian.suteanu@smu.ca
- Environmental system analysis and modeling:
  - climate variability, natural hazards, renewable energy
- Information processes in environmental systems

Assistant Professors:

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- Globalization and transnational migration
- International education industry
- Immigrant entrepreneurship
- Immigrant health care services
Mathew Novak, PhD (Western Ontario)  m.novak@smu.ca
- Urban planning & development
- Retail geography
- The built environment/urban morphology

Adjunct Professors:

Thomas Bouman, PhD (Göttingen)  thomas_bouman@cbu.ca
- Sustainable agriculture: soil organic matter and nutrients in perennial pasture
- Sustainable forestry: tree diversity in forests; advance regeneration of tree species; willow short rotation coppice; soil acidification, soil amelioration
- Participatory development of agriculture and forestry
Peter Bush, PhD (Western Ontario)  peter.bush@novascotia.ca
- Landscape ecology
- Old-growth forests
- Geomatics
- Protected areas
Michael Fox, PhD (McGill)  mfox@mta.ca
- University-community relations
- Transportation issues
- Geographic education
- Community-based planning
Ryan Gibson, PhD (Memorial)  gibsonr@uoguelph.ca
- Rural development
- Economic geography
- Governance

1 Chair
<table>
<thead>
<tr>
<th>Name</th>
<th>Email</th>
<th>Research Interests</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kevin Hamdan, PhD (Simon Fraser)</td>
<td><a href="mailto:kevin.hamdan@smu.ca">kevin.hamdan@smu.ca</a></td>
<td>Forest soils and ecology, Climate change, Sustainability</td>
</tr>
<tr>
<td>Karen Harper, PhD (Alberta)</td>
<td><a href="mailto:karen.harper@smu.ca">karen.harper@smu.ca</a></td>
<td>Plant biogeography, Forest edges, Landscape heterogeneity, Spatial pattern analysis</td>
</tr>
<tr>
<td>Jamie Spinney, PhD (McMaster)</td>
<td><a href="mailto:jamie.spinney@smu.ca">jamie.spinney@smu.ca</a></td>
<td>Sustainable and healthy communities, Active aging and age-friendly communities, Active transportation and the journey to school</td>
</tr>
</tbody>
</table>
Department Offers

BA, BSc, BEnv, MA, MSc, PhD

Faculty


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

Professors:  

Nicholas Blomley, PhD (Bristol)  
Law  
Space and power  
Property and space

Tracy Brennand, PhD (Alberta)  
Application of shallow geophysical surveys to geomorphic problems  
Glacial geomorphology and sedimentology  
Paleoenvironmental change  
Paleoglaciology  
Paleohydrology  
Quaternary environments

Alex Clapp, PhD (UC Berkeley)  
Forest conservation and conflict resolution  
Carbon pricing and climate change mitigation  
Environmental science, policy and open data

Valorie Crooks, PhD (McMaster)  
Disability and chronic illness  
Medical tourism  
Palliative health and social care  
Primary health care

Suzana Dragicevic, PhD (Montreal)  
GIS and GIScience  
Modeling spatial dynamic processes  
Complex systems, AI and soft computing  
Modeling land use and land cover changes

---

1 Chair
Meg Holden, PhD (New School for Social Research)  mholden@sfu.ca
Urban planning and policy
Urban environmental philosophy
Social learning
Sustainable development and climate change planning
Waterfront redevelopment projects

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Spatial analysis and decision support
Geographic Information Sciences
Health Geography
Tourism

Paul Kingsbury, PhD (Kentucky)  kingsbury@sfu.ca
Cultural Geography
Psychoanalysis
Social theory
Paranormal cultures

Lance Lesack, PhD (UC Santa Barbara)  lllesack@sfu.ca
Biochemistry of lakes in the MacKenzie Delta
Ecosystem biogeochemistry
Land and water interactions
Limnology

Geoff Mann, PhD (UC Berkeley)  geoffm@sfu.ca
Macroeconomic policy
Poverty & unemployment
Politics of climate change
Political economy

Eugene McCann, PhD (Kentucky)  emccann@sfu.ca
Geographies of policy mobilities
Urban politics and policy-making
Geographies of drug policy
Urban development

Nadine Schuurman, PhD (British Columbia)  nadine@sfu.ca
Spatial epidemiology
Health geography
Critical GIScience
GIS
Ontologies

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

---

2 Special Advisor to the Executive on Academic Planning
3 Associate Dean, Undergraduate
**Associate Professors:**

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Augmented reality  
Cartography  
Geographic information science  
Geospatial interface research  
Geospatial virtual environments  
Geovisualization  
Serious games for geospatial applications  
Spatial cognition

Margaret Schmidt, PhD (British Columbia)  
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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

Kirsten Zickfeld, PhD (Potsdam)  
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Climate science  
Earth system modeling  
Climate-carbon cycle feedbacks  
Carbon budget  
Climate tipping points

**Assistant Professors:**

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Political ecology  
Feminist political economy  
Capitalism  
Wildlife management  
Biodiversity loss

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Racial geographies  
Social justice movements  
Urban and cultural geographies  
Decolonial geographies

**Senior Lecturer:**

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Spatial Information Science  
Quantitative Geography  
Spatial Decision Making
Lecturers:

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  Science education
  Climate change adaptation
Andrew Perkins, PhD (Simon Fraser)  andrew_perkins@sfu.ca
  Hazards
  Geochronology
  Paleoglacialogy

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

Adjunct Professors:
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Brandon Heung, PhD (Simon Fraser) Brandon.Heung@dal.ca
Soil science
GIS
Spatial analysis and modelling
Digital soil mapping
Machine Learning
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Quaternary sedimentology and stratigraphy
Luminescence dating
Christiana Miewald, PhD (Kentucky) cmiewald@sfu.ca
Food security
Urban agriculture
Gender and sexuality
Gentrification
Lenore Newman, PhD (York) lenore.newman@ufv.ca
Food security
Sustainable cities
Culinary geography
Nature/culture interface
Janet Sturgeon, PhD (Yale) sturgeon@sfu.ca
Environmental politics
Governance, ethnicity, and land use transformations on the borders of China, Laos, Burma and Thailand
Political ecology
Kevin Ward, PhD (Manchester) kevin.ward@manchester.ac.uk
Economic development
Policy mobilities
Urban and regional policy economy
The King’s University
Geography Program
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Department Offers

BA and BSc in Environmental Studies, Geography minor only

Faculty

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

Assistant Professor:

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

Environmental Studies Internship Coordinator

Nancy Burford, B.Des. (MacEwan) nancy.burford@kingsu.ca
Department Offers

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

Faculty

Professors:  
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  Air quality  
  Citizen science  
  Risk  
  Renewable energy  
  Sustainability

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Associate Professors:

Darryl Carlyle-Moses, PhD (Toronto)  
  Ecohydrology  
  Micrometeorology  
  Urban hydrology and meteorology

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David Hill, PhD (Illinois at Urbana-Champaign)  
  Data mining  
  Environmental sensing  
  Statistical methods

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Gilles Viaud, PhD (Saskatchewan)  
  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

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1 Chair (as of September 5, 2018)
Senior Lecturer:

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

Lecturer:

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, 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, and MA in sustainability studies.

Faculty

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Heritage landscapes and regions – recording and interpretation

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History of the Dee Estuary, England

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History, planning and management of national and provincial parks and World Heritage Sites

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A History of the Syrian-Lebanese Community in Trinidad and Tobago

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Professors:

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Ecosystem responses to environmental stress

Impacts of acid rain, climate change, nutrient depletion, forestry and metals on forest and lake ecosystems

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Forest hydrology

Hydrological effects of land use change

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Remote sensing, environmental management, habitat and biodiversity mapping

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Atmosphere-biosphere energy exchange on arctic tundra ecosystems  
Energy water and carbon fluxes from boreal wetlands

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Aeolian bedforms  
Mechanics of sediment transport  
Wind tunnel simulation of aeolian processes and dust emission

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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

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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:

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Hydroclimatic change and water quality  
Soil controls on water quality  
Urban hydrology and biogeochemistry

Raul Ponce Hernandez, D Phil (Oxford)  
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Applications of radar and multispectral imagery to natural resource assessment  
Dynamic simulation and spatial modelling of Carbon in soils and biomass for estimating carbon sequestration potentials  
Farming systems characterization and mapping at multiple scales  
Geographic information systems applications to land resources inventories and assessment  
Spatial modelling of bio-physical watershed processes

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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 Professor:
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Craft brewing and post-industrial redevelopment
Fieldwork and pedagogy in human geography
Planning and urban waterfronts
Cultural entrepreneurialism
Department Offers

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

Faculty

Professor Emeritus:  
Carl Tracie, PhD (Alberta)  
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  Doukhobor village settlement in western Canada  
  Landscape and literature in western Canada

Professors:

Paul Brown1, PhD (University of Idaho)  
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  Plant natural products (e.g., glucosinolates, saponins)  
  Chemical ecology  
  Soils, agriculture, environmental chemistry

David Clements2, PhD (Queen’s)  
E-mail Address: clements@twu.ca
  Ecology of invasive plants and other species  
  Restoration ecology focusing on Garry oak ecosystems

Associate Professors:

Geraldine Jordan, PhD (Simon Fraser)  
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  Landscape ecology and GIS  
  Health geography

Karen Steensma2, MS (Western Washington)  
E-mail Address: steensma@twu.ca
  Ecologically sustainable management of bird damage to agriculture  
  Conservation of the Oregon forest snail (Allogona townsendiana)

Bruce Shelvey3, PhD (Arizona State)  
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  Environmental history

1 Cross-appointed with Department of Chemistry  
2 Cross-appointed with Department of Biology  
3 Cross-appointed with Department of History
Assistant Professors:

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Dendrochronology  
Dendroecology of Garry oak (*Quercus garryana*)  
Birch (*Betula papyrifera*) decline in southern British Columbia

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

Part-Time Instructors:

Matt Humphrey, MA (Regent)  
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Environmental ethics and philosophy  
Geography of food and food systems  
Ecotheology  
A Rocha Canada

Michelle Jackson, PhD (Wisconsin-Madison)  
Forest and Conservation Sciences and TerreWEB  
A Rocha Canada

Adjunct Faculty:

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

Staff:

Jayne Cummins (Administrative Assistant)  
Jayne.Cummins@twu.ca

---

4 Academic Coordinator, Physical Geography Program  
5 Department Chair (Faculty information as of July 1, 2016)
Department Offers

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

Faculty

Professors Emeriti:


Distinguished University Professors: E-mail Address:

Brian Jones, PhD (Ottawa) Brian.Jones@ualberta.ca
S. George Pemberton, PhD (McMaster) George.Pemberton@ualberta.ca
Nathaniel W. Rutter, PhD (Alberta) Nat.Rutter@ualberta.ca

Professors:

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

*Carl G. Amrhein, PhD (SUNY, Buffalo) Carl.Amrhein@ualberta.ca
Economic geography
Labour markets
Decision theory
Migration
Quantitative methods

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

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Watershed Science and Modelling

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Beringia
Natural hazards
Quaternary geology
Teprochronology

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Climate change impacts in northern latitude ecosystems
Detecting plant biochemical responses with non-contact optical methods
Disturbance effects on ecosystem function
Eco-informatics and Cyberinfrastructure for ecosystem monitoring
Plant ecophysiology, particularly related to photosynthesis and environmental stress
Remote sensing for sampling terrestrial ecosystem composition and function

Theresa Garvin, PhD (McMaster)  Theresa.Garvin@ualberta.ca
Aging and urban/suburban environments
Community, health and environmental issues
Geography of health and health care
Policy development, implementation and analysis
Science, policy and social processes

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Larry Heaman, PhD (McMaster)  Larry.Heaman@ualberta.ca
Christopher D. Herd, PhD (New Mexico)  herd@ualberta.ca
Stephen Johnston¹, PhD (Alberta)  stjohnst@ualberta.ca
Kurt O. Konhauser, PhD (Western Ontario)  Kurt.Konhauser@ualberta.ca
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* Human Geography, Meteorology, Environmental Sciences, and Planning
¹ Department Chair
Tara McGee, PhD (Australian Nat'l)  
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  Human dimensions of environmental hazards
  Public and stakeholder hazard decision-making and actions
  Public and government mitigation
  Public and government preparedness
  Public participation
  Qualitative research methods

Carl Mendoza, PhD (Waterloo)  
Numerical modeling of groundwater flow and transport processes
Groundwater and wetland hydrology of the Boreal Plain
Reclamation of wetlands and forestlands on oil-sands mining leases
Gas and vapour transport in the subsurface

*Paul Myers, PhD (Victoria)  
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  High latitude oceanography
  Numerical model development
  Numerical modeling
  Physical oceanography

Robert W. Luth, PhD (UC Los Angeles)  
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Hans G. Machel, PhD (McGill)  
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*Gerhard W. Reuter, PhD (McGill)  
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  Clouds and precipitation
  Numerical modeling of clouds and storms
  Severe storms

Benoit Rivard, PhD (Washington, St. Louis)  
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  Climate change impacts in northern latitude ecosystems
  Detecting plant biochemical responses with non-contact optical methods
  Disturbance effects on ecosystem function
  Plant ecophysiology, particularly related to photosynthesis and environmental stress
  Remote sensing for sampling terrestrial ecosystem composition and function

Benjamin J. Rostron, PhD (Alberta)  
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*G. Arturo Sanchez-Azofeifa, PhD (New Hampshire)  
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  Impacts of land use/cover change (LUCC) on biodiversity loss and habitat fragmentation in tropical dry forest environments
  Remote sensing and geographic information systems

*Martin J. Sharp, PhD (Aberdeen)  
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  Biogeochemistry, chemical weathering, and carbon cycling in glacial environments
  Glacier-climate interactions in the Canadian high Arctic
  Glaciological remote sensing
  Hydrology and dynamics of Arctic ice caps

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* Human Geography, Meteorology, Environmental Sciences, and Planning
*Bruce Sutherland, PhD (Toronto)  
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Atmospheric and oceanic dynamics (Sutherland)  
Martyn Unsworth, PhD (Cambridge)  
John W.F. Waldron, PhD (Edinburgh)  
*John D. Wilson, PhD (Guelph)  
   Inverse dispersion method for determining gas emission to the atmosphere  
   Lagrangian stochastic method for particle trajectories in turbulent flow  
   Surface layer wind and wind transport  
John-Paul Zonneveld, PhD (Alberta)  
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Associate Professors:

*Damian Collins, PhD (Simon Fraser)  
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   Health geography (health promotion, active travel, children’s health)  
   Political geography (property, public policy)  
   Urban geography (housing, transport, land use change, schooling)  
*Jeff Kavanaugh, PhD (British Columbia)  
   Environmental change  
   Glacier dynamics  
   Glacier response to changing climate  
   Ice core paleoclimatology  
   Mechanics of unconsolidated Materials  
   Permafrost and periglacial landscapes  
   Subglacial and groundwater hydrology

Assistant Professor:

Daniel Alessi, PhD (Notre Dame)  
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*Jeff Birchall (Canterbury)  
   Local scale climate change impacts  
   Local government climate change policy  
   Urban/community climate resilience/adaptation  
*Leith Deacon, PhD (Western)  
   deacon1@ualberta.ca  
   Intersections between economic, social and environmental dimensions of planning and how they contribute to long-term sustainable planning development  
   Planning, environmental justice, environmental assessment and sustainability  
*Joshua Evans, PhD (McMaster)  
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   Disability and Chronic Illness  
   Housing and Homelessness  
   Urban Policymaking and Governance  
   Philosophy and Human Geography

* Human Geography, Meteorology, Environmental Sciences, and Planning
Monireh Faramarzi, PhD (Swiss Federal Institute of Technology) faramarz@ualberta.ca
Watershed Science and Modelling
Development and application of environmental models to study fundamental and applied aspects of water quantity and quality Hydrology
Long Li, PhD (Lehigh) Long4@ualberta.ca
*Alberto Reyes (Alberta) areyes@ualberta.ca
Greenland Ice Sheet response to Quaternary climate change
Pleistocene interglaciations
Quaternary geoscience applications of isotope geochemistry
Refined interpretation of large compilations of radiocarbon dates
*Manish Shirgaokar, PhD (Berkeley) shirgaokar@ualberta.ca
Transportation policy
Land use planning
International development
Urban design
*Amrita Singh, PhD (Irvine) amrita4@ualberta.ca
Economic implications of environmental degradation and restoration of environmental amenities

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Science and policy
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*Robert Summers robert.summers@ualberta.ca
Collective action and cultural institutions and their evolution
Community development (social capital, sense of place, effectiveness and efficiency of local institutions) in both developed and developing world applications
Environmental governance policy (focused on behaviour and institutions)
Rural water supply issues in Canada and Sub-Saharan Africa
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Faculty

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  Aquatic ecology
  Wildlife ecology and management
  Human wildlife conflict
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  Biogeography and conservation of birds
  Park interpretation and environmental education
  Park and wildlife tourism
  Rural sustainability planning
  Environmental history
Gregory King, PhD (University of Bern) gking@ualberta.ca
  Dendrochronology
  Biogeography
  Forest disturbance ecology
  Urban forests

Adjunct Professor:
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  Environmental policy and governance
  Natural resource management
  GIS and remote sensing
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Faculty

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Professors:

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  Political ecology
  Political economy
  Water governance

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  Comparison of the urban economies of Vancouver and Seattle
  Geography of the creative industries
  Place and the history of North American radical geography
  War and the history of human geography

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  Climate change adaptation in the developing world
  Climate change science
  Public engagement
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  Impacts of hydropower on fluvial processes and aquatic habitat
  Long term effects of forest fire on stream channel morphology
  Modeling fluvial systems
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  Environmental history and historical geography
  War and environment
  Water and energy history
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  Geo-political economy of development
  Urbanization and industrialization in developing countries
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  Geographies of later modern war
  Military-medical geographies of casualty evacuation (combatant and civilian), 1914-2015
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  Biophysical interactions in gravel bed streams
  Fluvial transport of sediment
  Scaling relations in watershed geomorphology
  Urban hydrology and urban streams
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  Adaptation potential in Arctic tundra plants to climate change
  Arctic plant-herbivore interactions
  Arctic tundra and treeline ecology
  Causes and consequences of biodiversity change in tundra ecosystems
  Tundra ecosystem responses to disturbance and climate change
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  Immigrant settlement in Canadian cities
  Immigration and Canadian labour markets
  International migration
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  Biodiversity Atlases of British Columbia
  Public participation, VGI and conservation
  Spatial analysis and landscape characterization
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  Contemporary Europe
  Diplomacy
  Political geography and geopolitics
  Transnational policy networks
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  Conflicts, violence, and resources
  Development geography of Africa
  Political geography
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Synoptic climatology  
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Effects of forest practices on forested wetlands  
Effects of glacier retreat on downstream aquatic habitat  
Hydroclimatic variability and change in western Canada  
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Riparian processes and management in forested headwater catchments  
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Critical race theory and anti-racist environmentalism
Environmental dimensions of border enforcement on the US-Mexico border
Feminist geography
Nature, race, and nation-building in Latin America
Jennifer L. Williams, PhD (Montana) jennifer.williams@geog.ubc.ca
Climate change and plant population dynamics
Influence of climate on plant life history strategies
Population spread through patchy landscapes

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Intimate geographies
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Violence, colonialism and space
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Micrometeorology
Biosphere-atmosphere trace gas fluxes
Carbon cycle science
Ecosystem ecology
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Remote sensing of disturbance and land use change
Global change impacts in tropical forests
Reforestation and natural regeneration in tropical forest landscapes

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Cartography and GIS
Community mapping
Historical GIS

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Political ecology, political economy, and natures
Siobhán R. McPhee, PhD (Dublin) siobhan.mcphee@geog.ubc.ca
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Labour market inequality (segmentation) in Dublin, Ireland
International students, language acquisition and blended learning at UBC
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  Biological invasions and climate change

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Faculty:

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  Physical geography
  Hydrology
Lawrence D. Berg, DPhil (Waikato) lawrence.berg@ubc.ca
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    heteropatriarchy, colonialism and class
  Neoliberalism and geographies of knowledge production
  Social, spatial and economic justice
Miriam Grant, PhD (Queen’s) miriam.grant@ubc.ca
  Social dimension of HIV/AIDS in Southern Africa
  Social and economic vulnerability of urban youth in African cities
  Role of African elite in urban community development
  Urban food security in Southern Africa
Carlos Teixeira, PhD (York) carlos.teixeira@ubc.ca
  Community and neighbourhood change
  Ethnic economies and immigrant entrepreneurship
  Housing experiences of immigrants and refugees in Canadian cities
  Migration and residential mobility

Associate Professors:

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  Tropical cyclone and tsunami hazards in the Cook Islands
  Disaster risk reduction
  Sediment loading of debris flow channels by snow avalanches
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  Cartography and society
  Community based resource management
  Community based research
  Social networking technologies

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

Assistant Professors:

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  Geographic Information Systems
  Spatial analysis and statistics
  Remote sensing
  Movement ecology

Senior Instructor:

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  Conservation GIS
  Coyote and wolf behaviour, ecology and conservation
  Human-animal relationships
  Human-coyote conflict
  Road ecology in temperate and tropical ecosystems
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  Wildlife habitat identification
  Landscape ecology
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  Health Geography
  Environmental health
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  Parks and protected areas
  Sustainable tourism
  Tourism and growth management
  Pedagogy, contemplative, experiential
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Climatology  
Glaciology  
Paleoclimate  

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Biogeoscience  
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Fluvial geomorphology  
Hillslope geomorphology  
Geomorphology/ecology/hydrology interactions  
Carbon storage along rivers  
Landscape/terrain structure and analysis  
Numerical modeling  
Sediment transport processes  

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Remote sensing  
Wildlife habitat assessment, geospatial analysis  

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Spatialities of social movement mobilization  
Social and environmental implications of smart cities  
Neighbourhood change and polarization  

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Permafrost  
Remote sensing  

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Polarimetric synthetic aperture radar  
Snow cover processes on sea ice  

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Genomic applications  
Posthumanism  

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Community based forest management & local control  
Conservation policy processes in Latin America  
Environmental coalitions and environmentalisms in Western Canada  

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Sea ice energy balance
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- Forest ecology
- Restoration ecology

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- GeoWeb technologies
- High-resolution thermal infrared imaging
- Multiscale urban heat islands
- Remote sensing and geoinformatics: Urban remote sensing

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

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- Planetary geomorphology
- Remote sensing with small-unmanned aircraft systems

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- Cartography
- Geospatial science
- Human computer interaction
- Spatial cognition
- Geospatial Humanities

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- Urban Geography
- Economic Geography
- Critical Food Studies
- Housing
- Urban Gardening
- Participation
- Governance
- Governmentality
- Political Economy
- (Urban) Political Ecology
- Hegemony

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- Glacial geomorphology/chronology
- Research concentrates on central Alberta and Cordilleran environments
- Sub- and proglacial paleofloods
- Terrain modelling and landform classification
- Natural Hazards

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Urban sustainability  
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Digital Humanitarianism  
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Political economy of technology  
Digital research methods  
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Victoria Fast, PhD (Ryerson)  
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Urban GIS  
Volunteered Geographic Information  
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Chui-Ling Tam, PhD (Waterloo)  
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Development communication  
Environmental and resource management  
Marine areas  
Oil Economy  
Participation  
Social innovation  
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Faculty Professor:

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Paleo environments  
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Guillermo Castilla, PhD (Madrid)  
Alison Criscitiello, PhD  
Simon Evans, PhD (Calgary)  
Torsten Geldsetzer, PhD (  
S. Craig Gerlach, PhD (Brown)  
Geoff Ghitter, PhD (Calgary)  
Michael Gibeau, PhD (Calgary)  
Miriam Grant, PhD (Queen's)  
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Department Offers

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Faculty

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Fraser Valley/ Whatcom County (WA) borderlands governance and resource management
Housing morphology in the Fraser Valley
Mortgage lending and residential development
Cherie Enns, MCIP, RPP, PhD (cand.Ardhi University) cherie.enns@ufv.ca
Age-friendly planning and urban design
Child and youth protection and planning
Child and youth refugees and humanitarian aid
Climate change and urban food systems
UFV East Africa Internships, in conjunction with Aga Khan Foundation, The East African Institute, Ardhi University, Global Affairs Canada, Queen Elizabeth Scholars
Claire Hay, MSc (Alberta) claire.hay@ufv.ca
Curriculum design
Geomorphology
Teaching pedagogy
Climate Change in Coastal Communities
Jonathan Hughes, PhD (Simon Fraser) jonathan.hughes@ufv.ca
Paleoecology
Quaternary geomorphology
Paleoseismology
Olav Lian, PhD (Western Ontario) olav.lian@ufv.ca
  Long-term landscape change (geomorphology) in western Canada
  Glacial sedimentology and stratigraphy
  Luminescence dating
Steven Marsh, MSc (Regina) steven.marsh@ufv.ca
  Monitoring the geochemistry and quality of the Fraser River and its tributaries as part of the Global Rivers Project
Lenore Newman, PhD (York) lenore.newman@ufv.ca
  Agricultural land use
  Culinary geography
  Food security
  Sustainable development
Kathy Peet, BSc (UNBC) kathy.peet@ufv.ca
Michelle Rhodes, PhD (Simon Fraser) michelle.rhodes@ufv.ca
  Community forestry and natural resource geographies, political and economic landscapes, housing morphology
Scott Shupe, PhD (Arizona) scott.shupe@ufv.ca
  Mapping land cover change and monitoring stream water quality in the Lower Fraser Valley
Afia Raja, PhD (Texas A&M)
  Quantitative Methods
  GIS
  Transportation Planning
Stefania Pizzirani, PhD (Massey)
  Natural Resource Management
  Forestry
  Indigenous Relations

Limited Term Faculty

Mariano Mapili mariano.mapili@ufv.ca
  Environmental protection, monitoring, remediation and rehabilitation
  Land Use – Water Quality Interactions

Adjunct Faculty:

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  Atmospheric dynamics and processes
  Climate modeling
  Statistical analysis of global climate
Bernhard Puecker-Ehrenbrink, PhD (Max Planck Inst.) bpeucker@whoi.edu
  Monitoring the geochemistry and quality of the Fraser River and its tributaries as part of the Global Rivers Project
Alex Awiti (PhD) University of Nairobi alex.awiti@aku.edu
  Youth, urbanization and food systems

1 Tier II Canada Research Chair
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  Poverty and human development
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*Post-Doctoral Fellow:*

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  Agricultural land conservation, resource communities

*Staff:

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Philip D. Keddie, PhD (Manitoba)
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Barry E Smit, PhD (McMaster) bsmitt@uoguelph.ca
Kok-Chiang Tan, PhD (London, UK) kctan@uoguelph.ca

Professors:

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  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
  The role of and barriers to local food systems
John Smithers, PhD (Guelph) jsmither@uoguelph.ca
  Sustainable rural communities
  Countryside commodification and consumption
  Agri-environment programs and rural governance
Wanhong Yang, PhD (Illinois) wayang@uoguelph.ca
  Integrated economic-hydrologic-GIS modeling
  for evaluating cost effectiveness of agricultural conservation programs

1 Chair
Associate Professors:

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  Impact and Benefit Agreements (and governance) in the Canadian mining sector
  Agri-environmental Governance

Kirby Calvert, PhD (Queen’s)  calvertk@uoguelph.ca
  Energy transitions
  Community energy planning
  Integration of land-use planning and energy planning
  Renewable energy resource mapping and spatial planning

Jaclyn Cockburn, PhD (Queen’s)  jaclyn.cockburn@uoguelph.ca
  Impacts of climate and environmental variability on surface processes
  Sedimentary processes in freshwater systems
  Impacts of extreme events on sediment yield and sediment budgets

Ze’ev Gedalof, PhD (Washington)  zgedalof@uoguelph.ca
  Rates and mechanism of treeline advance in the Canadian Cordillera
  Fire ecology of mixed-severity fire regimes
  Tree-rings and climate

Philip A. Loring, PhD (University of Alaska)  phil.loring@uoguelph.ca
  Sustainability
  Human ecology
  Food systems
  Fisheries and coastal communities

Faisal Moola, PhD (Dalhousie)  fmoola@uoguelph.ca
  Forest conservation and management
  Ecology and ethnecology of heathlands
  Environmental policy
  Indigenous-led conservation

Noella Gray, PhD (Duke)  grayn@uoguelph.ca
  Political ecology
  Marine conservation
  Science-policy interface
  Tourism
  Global conservation governance
  Belize and Oceania

Roberta Hawkins, PhD (Clark)  rhawkins@uoguelph.ca
  Consumption geographies, ‘Feminist geographies,
  Development studies,
  Political ecology

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

Kate Parizeau, PhD (Toronto)  kate.parizeau@uoguelph.ca
  Waste management and its social context
  Mental Health in the Academe
Robin Roth, PhD (Clark)  robin.roth@uoguelph.ca
Political ecology
Conservation policy and practice
Forest governance
Indigenous led conservation
North America and Southeast Asia

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

Assistant Professors:

Eric Nost, PhD (Wisconsin-Madison)  enost@uoguelph.ca
Political ecology
Digital governance
Webmapping and GIS
Conservation and environmental policy, markets, and justice
Université Laval
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Programmes d’études offerts

Programmes de 1er cycle : Baccalauréat en géographie; Certificat en géographie; Certificat en tourisme durable; Certificat en développement durable

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

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

Faculté

Professeurs titulaires : Michel Allard, PhD (McGill)
Géomorphologie
Quaternaire
Nathalie Barrette, PhD (UQAM)
Climatologie
Modélisation climatique
Changements climatiques
Danièle Bélanger, PhD (UdeM)
Démographie sociale
Genre, population et développement
Migrations internationales
Genre et inégalités sociales
Najat Bhiry, PhD (Paris)
Paléoécologie
Paléopédologie
Sédimentologie
Laurent Bourdeau, PhD (UQAM)
Gestion et développement touristique
Steve Déry, PhD (Laval)
Asie du Sud-Est
Géographie économique
Géographie de l’environnement
Géographie rurale

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laurent.bourdeau@ggr.ulaval.ca
steve.dery@ggr.ulaval.ca
Caroline Desbiens, PhD (British Columbia)  caroline.desbiens@ggr.ulaval.ca
Géographie féministe et culturelle
Géographie historique du Nord
Géographie autochtone
Matthew Hatvany, PhD (Maine)  matthew.hatvany@ggr.ulaval.ca
Géographie historique et environnementale
Patrick Lajeunesse, PhD (Laval)  patrick.lajeunesse@ggr.ulaval.ca
Environnements côtiers et marins nordiques
Géomorphologie
Quaternaire
Sédimentologie
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Asie de l’Est
Géographie politique
Géopolitique de l’eau et de l’Arctique
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Biogéographie
Paléoécologie
Palynologie
Pascale Marcotte, PhD (UQAM)  pascale.marcotte@ggr.ulaval.ca
Tourisme et culture
Pratiques et consommation touristiques et culturelles
Guy Mercier, PhD (Laval)  guy.mercier@ggr.ulaval.ca
Aménagement du territoire
Géographie urbaine
Histoire et épistémologie de la géographie
Reinhard Pienitz, PhD (Queen’s)  reinhard.pienitz@cen.ulaval.ca
Biogéographie aquatique
Paléoécologie
Écosystèmes d’eau douce et côtiers nordiques
Marc St-Hilaire, PhD (Laval)  marc.st-hilaire@ggr.ulaval.ca
Géographie de la population
Géographie du Québec
Géographie historique
Marie-Hélène Vandersmissen1, PhD (Laval)  marie-helene.vandersmissen@ggr.ulaval.ca
Analyse spatiale
Géographie du transport
Géographie urbaine
Méthodes quantitatives

Professeurs agrégés :

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Géographie de la Russie
Patrimoine urbain

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   Système d'information géographique
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   Géographie de l'Amérique latine
   Géographie des espaces mondialisés
   Géographie rurale
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   Biogéographie
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   Écologie du paysage

Professeur adjoint :
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   Qualité de l'eau
   Paléolimnologie et écologie aquatique
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   Foristerie sociale
   Agroforisterie
   Foristerie internationale
   Aménagement territorial

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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

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Professors Emeriti:

Walter E. Aufrecht, PhD (Toronto) aufrecht@uleth.ca
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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.
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 Coburn\textsuperscript{1}, 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

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

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

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

\textsuperscript{1} Chair (Faculty information as of July 1, 2018)
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:

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Flora and faunaturbation on the archaeological record
Geoarchaeology and experimental archaeology
Prehistoric archaeology of the Old and New World
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
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
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:

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

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

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Adjunct Faculty:

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Methods  
Exploration Geography  
Philosophy of Geography

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Environmental Science, student training and community engagement

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Remote Sensing
Department Offers

MA, MSc, PhD

Faculty

Professors:  

David Barber, PhD (Waterloo)  
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)  
Biogeography  
Conservation of biological diversity  
Ecosystem management  
Sustainable agriculture  
Sustainable water management  
Wildlife and fisheries habitat

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

John Hanesiak, PhD (Manitoba)  
Extreme/severe weather & storms  
Climate change effects on storms  
Surface-atmosphere interactions

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

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

Alaskan coastal cultures
Aviation, Cycling, and the environment
Hudson’s Bay Company families at York Factory 1900-1930
Indigenous peoples and environmental change
Island human and bio-geography

Tim Papakyriakou, PhD (Waterloo)  Tim.Papakyriakou@umanitoba.ca

Microclimatology
Carbon cycle of high latitude aquatic and marine systems with an emphasis on
GHG source/sink characteristics

Ronald Stewart, PhD (Toronto)  Ronald.Stewart@umanitoba.ca

Climate change and mountainous regions
Extreme events including storms and drought
Winter precipitation

Feiyue Wang*, PhD (Peking)  Feiyue.Wang@umanitoba.ca

Environmental chemistry
Sea ice geochemistry
Biogeochemistry
Chemical oceanography

Associate Professors:

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

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

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

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

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

Light propagation and light-matter interactions in Arctic estuarine, marine and sea
ice environments.

1 Canada Research Chair (Tier 1)
*Not Geographers
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.

Mark Hanson*, PhD (Guelph)  Mark.Hanson@umanitoba.ca
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

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

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.

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

Instructors:

Lisa Ford, MA (Saskatchewan)  Lisa.Ford@umanitoba.ca
First year undergraduate teaching in Geography
Natural Hazards and Social Vulnerabilities to Hazards
New media as an educational tool in post-secondary education

Kristina Hunter*, MSc (Manitoba)  Kristina.Hunter@umanitoba.ca

2 Department Head
*Not Geographers
John Iacozza, PhD (Manitoba)  
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

Janna Wilson, PhD (Manitoba)  

Senior Scholars:

Geoffrey Smith, PhD (McMaster)  
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)  
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
Le département n'offre

Aucun programme d'études de 2e et 3e cycles

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La résonance comme concept intégrateur en géographie  
Identité, lieu et mémoire entre Beaumont et La Pocatière (Qc)

Guillaume Fortin2, Ph. D. (INRS)  
Courrier électronique : guillaume.fortin@umoncton.ca  
Analyse de la variabilité des événements climatiques extrêmes au N.-B. et dans l'état du Paraná, Brésil  
Évolution du climat depuis les années 1970 en Gaspésie  
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

Serge Jolicoeur2, Ph. D. (UQAM)  
Courrier électronique : serge.jolicoeur@umoncton.ca  
Hausse relative du niveau marin et migration des habitats côtiers du Littoral acadien au XXIe siècle  
Impact des structures de protection sur les plages sableuses (N.-B.)  
Budget sédimentaire des cellules littorales et évolution des flèches sableuses du Littoral acadien  
Restauration du marais et de la flèche littorale de Grande-Digue (N.-B.).

Professeurs agrégés :

André Robichauds, Ph. D. (Laval)  
Courrier électronique : andre.j.robichaud@umoncton.ca  
Littoraux de la Péninsule Acadienne : évolution du trait de côte et détermination des zones à risque  
Dendroarchéologie dans les Maritimes : datation et identification du bois de structures archéologiques

1 Campus d’Edmundston  
2 Campus de Moncton  
3 Campus de Shippagan
Majella Simard, Ph. D. (UQAR) majella.simard@unb.ca
Conditions de vie des populations ainées francophones en situation minoritaire
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
La contribution du modèle de renforcement des capacités à l’amélioration de la qualité de vie des ainés en situation minoritaire francophone : études de cas en milieu rural fortement dévitalisé

Guy Vincent, 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
Les transformations sociales dans les villes centrales

Chargés et chargée de cours :
Armand LaRocque, Ph. D. (Montréal) armand.larocque@umoncton.ca
Cartographie des zones humides du sud du Nouveau-Brunswick, à partir d’images satellitaires
Cartographie des dépôts meubles de la région de Wager Bay (Nunavut), à partir d’images Landsat-8 OLI et RADARSAT-2
Cartographie du modelé périglaciaire dans le Nord de l’Ontario
Cartographie des sites mayas d’une partie du Yucatan (Mexique), à partir de données satellitaires
Cartographie de la zostère marine dans les provinces de l’Atlantique, à partir de données satellitaires.

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4 Directeur du Département d’histoire et de géographie
Programmes d'études avancées

Microprogramme en géomatique et analyse spatiale, DESS en géographie et études environnementales, MSc en géographie avec mémoire ou stage, PhD

Personnel enseignant

Professeurs émérites : Courrier électronique :

Rodolphe De Koninck, PhD (Singapour)  rodolphe.de.koninck@umontreal.ca
Agrarian geography

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

André Roy  andre.roy@umontreal.ca

Professeurs titulaires :

François Cavayas1, PhD (Laval)  francois.cavayas@umontreal.ca
Remote sensing, geographic information systems

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

Paul Comtois, PhD (Laval)  paul.comtois@umontreal.ca
Aerobiology, palynology, aeromycology

François Courchesne PhD (McGill)  francois.courchesne@umontreal.ca
Soil science, biogeochemistry

Professeurs agrégés :

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

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

Thora Martina Herrmann, PhD (Oxford)  thora.martina.herrmann@umontreal.ca
Indigenous geographies, biodiversity

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

1 Directeur (information sur la Faculté, 29 août 2017)
Patricia M. Martin, PhD (Colorado)  
Development, gender, political violence, Latin America  
patricia.martin@umontreal.ca

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

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

Julie Talbot, PhD (McGill)  
Biogeography, environmental change, modeling  
j.talbot@umontreal.ca

Professeurs adjoints:

Olivier Blarquez, PhD (EPHE)  
Biogeoscience, paleoecology, geographies of fire, disturbance ecology  
olivier.blarquez@umontreal.ca

Gabriel Fauveaud, PhD (Sorbonne)  
Southeast Asia, urban geography, governance, social geography  
gabriel.fauveaud@umontreal.ca

Jan Franssen, PhD (McGill)  
Fluvial geomorphology  
jan.franssen@umontreal.ca

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

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

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

Vives, Luna, PhD (British Columbia)  
International migration, borders, political geography  
luna.vives@umontreal.ca

Professeurs associés:

Nicolas Bélanger, PhD (McGill)  
Christopher Bryant, PhD (LSE)  
Claude Marois, PhD (Laval)  
Ridha Touzi, PhD (Toulouse)
Department Offers

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

Faculty

**Professors:**

Gail Fondahl, PhD (UC Berkeley)  
gail.fondahl@unbc.ca
Artic 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)  
zeil.hanlon@unbc.ca
Community adaptation to population aging  
Health service delivery in rural and remote locations  
Voluntarism and community development

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

Ellen Petticrew, PhD (McGill)  
ellen.peticrew@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

**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
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
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

Assistant Professors:

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

Limited Term Instructors:

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

Senior Lab Instructor:

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

Adjunct Faculty:

Matthew Beedle, Bill Floyd, Sarah de Leeuw, Sean Markey, Marleen Morris, John Rex & Grahame Russell

Associated Faculty:

Ping Bai, Scott Emmons, Peter Jackson, Phillip Owens & Margot Parkes

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1 Chair (faculty information as of July 1, 2019)
Programmes d'études / Department Offers

BA, BSc, MA, MSc, PhD

Corps professoral / Faculty

Professeurs émérites / Professors Emeritus: Courrier électronique / E-mail Address:

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

Professeurs titulaires / Full Professors:

Marc Brosseau, PhD (Paris) mbrossea@uottawa.ca
Ecrire la ville multiculturelle
La frontière au quotidien : l'expérience des lieux à Ottawa-Gatineau (CRSH)
Les rencontres de la géographie et de la littérature
Lieux et écriture : une lecture géographique de l'œuvre de Charles Bukowski
Huhua Cao, PhD (Laval) caohuhua@uottawa.ca
Canada-Europe International Cooperation Project on Sustainable Cities:
Converting brownfields into community assets from an international perspective (Human Resources and Skills Development Canada, European Union)
Construction of an information platform/module in eco-agricultural assessment and management (EAM) (Ministry of Science and Technology of the government of China - MOST)
Luke Copland, PhD (Alberta) luke.copland@uottawa.ca
Area and volume changes of Canadian arctic ice caps
Dynamics and recent changes of ice shelves (Ellesmere Island)
Controls on short-term variations in glacier dynamics (Canadian Arctic, Yukon, Karakoram Himalaya)
Eric Crighton, PhD (McMaster) eric.crighton@uottawa.ca
Environmental risk perception among new mothers
Spatial and temporal analysis of health services utilization in Ontario
Socioeconomic and environmental determinants of asthma and other respiratory diseases
Health and health care crises in the Aral Sea area
Maps as tools for knowledge transfer in public health
Environmental health
Health Geography
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
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 (Switzerland) msaner@uottawa.ca
Éthique de l'environnement
Gouvernance et éthique des nouvelles technologies
Governance and risk management
Interface entre la science et la politique
Policy and regulation
Responsible innovations
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

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
Jackie Dawson, PhD (Waterloo) jackie.dawson@uottawa.ca
Développement économique de l’Arctique
Dimensions humaines des changements environnementaux
Vulnérabilité et adaptation
Systèmes socio-écologiques
Résilience
Gouvernance et politique maritimes
Anders Knudby, PhD (Waterloo) aknudby@uottawa.ca
Télédétection d’eaux peu profondes
L'environnement mondial
Modélisation de transfert radiatif
Déterminants environnementaux de la santé
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  

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 conditions and international migration to Canada  
Ottawa Multicultural Media Initiative  
Construction d’une mémoire française à Ottawa: savoir communautaire et réseaux sociaux  

André Viau, PhD (Ottawa)  
aviau@uottawa.ca  
Hydroclimatic variability in North America during the past 2,000 years  
Paleotempestology of Nova Scotia using sedimentology, karst and tree-rings  

Professeurs adjoints / Assistant Professors:  

Sonia Wesche, PhD (Waterloo)  
swesche@uottawa.ca  
Landscape scale flooding in the Great Slave Lake plain:  
Expansion of lakes, flooding of wetlands and implications for bison habitat and local land users  
Collaborative Action on Childhood Obesity 2:  
Supporting land-based programs in northern Aboriginal communities  

Professeurs auxiliaires / Adjunct Professors:  

David Burgess, PhD (Alberta)  
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Laurence Gray, PhD (Calgary)  
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Saeid Homayouni, PhD  
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Stephen Howell, PhD  steven.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)  wesley.van.wychen@uwaterloo.ca
University of Regina
Department of Geography & Environmental Studies
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Website: http://www.uregina.ca/arts/geography/

Department Offers
BA, BSc, BGISc, MA, MSc, PhD

Faculty

Professors Emeriti:

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

Hansgeorg Schlichtmann, PhD (Tübingen)
  Cultural geography
  Semiotics of cartographic representations
  Thematic cartography

E-mail Address:
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Hans.Schlichtmann@uregina.ca

Instructor Emerita:

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

E-mail Address:
Marilyn.Lewry@uregina.ca

Professors:

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

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

E-mail Address:
Louis.Awanyo@uregina.ca
Joe.Piwowar@uregina.ca

1 Luther College
2 Faculty of Arts Associate Dean (Undergraduate) (Faculty info. as of July 1, 2016)
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

Associate Professors:

Janis Dale, PhD (Queen’s), P.Geo, FGC  
Biostratigraphy of the Eastend Formation  
Glacial geomorphology (Coastal and Aeolian)  
Modern and Quaternary geomorphic processes and environments  
Paleosols of the Mannville Group, Late Cretaceous  
Soil conductivity in prairie soils  
Soils/Paleosols  
Ventifacts and other erosional processes in Grassland National Park and Eastend and Cypress Hills areas

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

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

Kyle R. Hodder, PhD (Queen’s)  
Hydrology and geomorphology of southern Saskatchewan  
Sediment transfer in alpine lakes of the Prairies and Canadian Cordillera  
Sedimentary processes contributing to development of lakes and floodplains

Vanessa Mathews, PhD (Toronto)  
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)  
Cultural mapping  
Population mapping  
GIS  
Design and development of electronic atlases  
Thematic cartography

3 Department of Geology  
4 Head (Faculty information as of September 1, 2018)
Instructor:

Mark Coté, MSc (Regina)
Climate variability
Geographical education
Solar radiation climatology

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Department Offers

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

Faculty

Professors Emeriti:  

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

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Professors:

Alec Aitken1, PhD (McMaster)  

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

Abraham Akkerman, PhD (Waterloo)  

Demography and planning Urban design Urban transportation

Scott Bell, PhD (UC Santa Barbara)  

Behavioural and cognitive geography Geographic education Geographic information science

Martyn Clark2, PhD (Colorado)  

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

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

Dirk H. de Boer\(^3\), PhD (Alberta)  
dirk.deboer@usask.ca
- Spatially distributed erosion models
- Suspended sediment and trace element transport in the Mackenzie River Basin

James Famiglietti\(^4\), PhD (Princeton)  
jay.famiglietti@usask.ca
- Hydrology; use of satellite observations and develops simulation models to track how water availability is changing around the globe.
- His research group pioneered the use of NASA’s Gravity Recovery and Climate Experiment (GRACE) satellites for monitoring changes in groundwater storage in the world’s major aquifers.

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

Bram F. Noble, 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. Pomeroy\(^5\), 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

\(^3\) Acting Vice Dean Indigenous, College of Arts and Science
\(^4\) Canada 150 Research Chair in Hydrology and Remote Sensing, Director of Global Institute for Water Security, partial appointment with Department of Geography and Planning
\(^5\) Distinguished Professor, Canada Research Chair, Director Centre for Hydrology, Director, Global Water Futures Initiative
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
Robert Patrick, PhD (Guelph)  robert.patrick@usask.ca
  Indigenous planning
  Integrated watershed planning and management
  Drinking water source protection and management
  Source water protection
Corinne Schuster-Wallace, PhD (Wilfrid Laurier)  cschuster.wallace@usask.ca
  Water and human health
  Local water security in marginalised communities
  Water-related diseased and climate change

Assistant Professors:

Krystopher Chutko, PhD (Queen’s)  krys.chutko@usask.ca
  Weather monitoring
  Isotope hydrology
  Lacustrine processes
  Paleoenvironmental reconstruction
Ehab Diab, PhD (McGill)  ehab.diab@usask.ca
  Land use and transportation planning
  Public transit planning and operations
  Intelligent transportation systems (ITS)
  Non-motorized travel modes (cycling, walking)
  GIS applications in urban and transportation planning
Paul Hackett, PhD (Manitoba)  paul.hackett@usask.ca
  Diabetes in First Nations populations
  Health geography
  History of Aboriginal health
  Intimate Partner Violence
  Tuberculosis

Adjunct or Associate Faculty Members:

Barrie Bonsal, PhD (Saskatchewan)  barrie.bonsal@canada.ca
  Climate Impacts on Freshwater Availability Across Canada
  Hydro-Climate Extremes and Variability: Droughts and Floods
Ngoc Thuan Chu, PhD (Saskatchewan)  thuan.chu@gov.sk.ca
John Diiwu, PhD (Guelph)  john.diiwu@gov.ab.ca
Patricia Fitzpatrick, PhD (Waterloo)  p.fitzpatrick@uwinnipeg.ca
David Fortin, PhD (Queen’s)  d.fortin@wlcs.ca
Kevin Hanna, PhD (Toronto)  kevin.hanna@ubc.ca
Michael Hill, PhD (Western Ontario)  mrjhill3@gmail.com
  Wetlands and urban planning (with B. Noble)
  Wildlife management planning
  Wetland mitigation and policy

Phil Marsh, PhD (McMaster)  philip.marsh@outlook.com
  Hydrology of the Mackenzie delta and the role of climate change
  and hydrocarbon development
  Hydrological processes & improved modeling in cold regions
  of northern Canada
  Impact of changes in permafrost and vegetation on the hydrology
  of northern Canada

Chris Spence, PhD (McMaster)  chris.spence@canada.ca
  Canadian Shield hydrology and hydrometeorology
  The role of storage in Canadian Prairie hydrology

Elaine Wheaton, MSc (Saskatchewan)  elainewheaton@sasktel.net
  Adaptation to climate impacts especially for agriculture and water resources
  Climatic extremes, especially drought and extreme precipitation
  Climate change

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

Professional Affiliates:

Dr. Scott Barnes  limnosenviro@gmail.com
Glen Grismer  glen.grismer@usask.ca
Dr. Mohammad Kamal  mohammad.kamal@usask.ca
Henry Lau  henry.lau@usask.ca
Lenore Swystun  prairiewildconsulting@sasktel.net
Tim Steuart  tjs395@mail.usask.ca
Dr. Weiping Zeng  winston.zeng@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
Department Offers

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

Faculty

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

Professors: E-mail 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
Shashi Kant, PhD (Toronto) Shashi.kant@utoronto.ca
  Forest resource economics
  Forest management
  Aboriginal values and institutions
  Love and sustainability
  Behavioral economics
  Ecological economics
  Institutional economics
  Sustainability management

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.
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:  
Laura Brown, PhD (Waterloo)  
lc.brown@utoronto.ca  
Hydroclimatology  
Climate variability and the interactions with lake ice  
Numerical modelling of lake ice  
Remote sensing of the cryosphere  

Pierre Desrochers, PhD (Montreal)  
pierre.desrochers@utoronto.ca  
Energy policy  
Food policy  
Industrial symbiosis  
Regional development  
History of environmental thought  

Yuhong He, PhD (Saskatchewan)  
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Environmental remote sensing  
Vegetation stress detection with multi-source remote sensing  
Endangered and invasive species monitoring  
High spatial hyperspectral image processing  

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  

Tara Vinodrai, PhD (Toronto)  
tara.vinodrai@utoronto.ca  
Economic geography  
Urban and regional economic development  
Creative/cultural economy of cities  
Innovation and technological change  
Geographies of labour and work  

2 Chair, Department of Geography, University of Toronto Mississauga
Assistant Professors:

Matthew Adams, md.adams@utoronto.ca
  Urban Pollution – Water, Air and Soil
  Exposure Science
  Geographic Information Science
  Spatial Statistics
  Web Cartography

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

Tim Duval, PhD (McMaster), tim.duval@utoronto.ca

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

Igor Lehnherr, PhD (Alberta), igor.lehnerr@utoronto.ca
  Environmental contaminants including mercury
  Climate change impacts in Arctic watersheds
  Nutrient and carbon cycling
  Aquatic biogeochemistry

Trevor Porter, PhD (Carleton), trevor.porter@utoronto.ca
  Dendrochronology
  Paleoclimatology
  Stable water isotopes
  Northern Canada

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

Professors, Teaching Stream:

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

Associate Professors, Teaching Stream:

Monika Havelka, PhD (Western Ontario), monika.havelka@utoronto.ca
  Restoration ecology
  Ecosystem Services
  Urban ecology
  Environmental education
Nicole Laliberte, PhD (Pennsylvania State)  nicole.laliberate@utoronto.ca
- Anti-oppression pedagogies
- Critical human rights
- Feminist geopolitics

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

Part-time Professor:
Harvey Shear, PhD (London, UK)  harvey.shear@utoronto.ca
- Environmental management
- Cultural eutrophication
- Ecosystem health indicators

Limited-Term Lecturers, Teaching Stream:
Adam Thorn, PhD (Ryerson)  adam.thorn@utoronto.ca
- Environmental politics and policy
- Local and municipal environmental policy and politics
- Water policy at the local, national, and international levels

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

Professors: E-mail Address:

Thembela Kepe, PhD (Western Cape) kepe@utsc.utoronto.ca
People-environment interactions, land rights, politics of development projects
Politics of land use planning, rural struggles, southern Africa

John Miron, PhD (Toronto) miron@chass.utoronto.ca
Demographic change, household formation and housing demand
Location theory
Neighbourhood choice and change
Transportation demand and planning
Urban growth and development policy
Urban planning and policy

André Sorensen, PhD (London, UK) sorensen@utsc.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

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
Associate Professors:

Susannah Bunce, PhD (York)  
scbunce@utsc.utoronto.ca  
Geography and planning of urban communities and neighbourhoods  
Urban sustainability and sustainable communities  
Environmental gentrification  
Mark Hunter, PhD (UC Berkeley)  
mhunter@utsc.utoronto.ca  
AIDS in South Africa  
Education and class  
Geographies of health inequality  
Geographies of sexuality  
South African political economy  
Ryan Isakson, PhD (Mass, Amherst)  
risaksson@utsc.utoronto.ca  
Political economy of food and hunger  
Rural livelihoods and agrarian transformations  
The financialization of agro-food value chains  
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  

Assistant Professors:

Michelle Buckley, PhD (Oxford)  
mbuckley@utsc.utoronto.ca  
Migrant construction work and theories of urbanization  
The urbanization of capital in Gulf Cooperation Council economies  
Mike Ekers, PhD (Oxford)  
mekers@utsc.utoronto.ca  
Antonio Gramsci and geography  
Ecological fixes  
Geographies of environmental work and landscapes  
Labour in the alternative food movement  
Steven Farber, PhD (McMaster)  
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Transportation  
Spatial analysis  
GIS  
Rachel Goffe  
rachel.goffe@utoronto.ca
Christopher Higgins, PhD (McMaster)            cd.higgins@utoronto.ca
    Spatial analysis and GIScience,
    Built environment and urban morphology,
    Accessibility and travel behaviour
Rajyashree Narayanareddy, PhD (Minnesota)   rreddy@utsc.utoronto.ca
    Geographies of waste and labour
    Urban political ecology
    Global urbanism

*Associate Professor, Teaching Stream:*

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

*Assistant Professor, Teaching Stream:*

Glenn Brauen, PhD (Carleton)                gbrauen@utsc.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

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

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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
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  
Geochronology, 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  
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Jason Hackworth, PhD (Rutgers), UTSG  
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Political economy  
Comparative urban policy  
Declining cities  
Urban abandonment  

Danny Harvey, PhD (Toronto), UTSG  
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Climatic change due to human activities — scenarios and impacts  
Global scale potential to reduce greenhouse gas emissions through energy efficiency  

Shashi Kant, PhD (Toronto), UTM  
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Thembela Kepe, PhD (Western Cape), UTSC  
kepe@utsc.utoronto.ca  

Deborah Leslie, PhD (British Columbia), UTSG  
leslie@geog.utoronto.ca  
Commodity chains  
Cultural industries  
Urban-economic  
Cultural and feminist geography  

5 Chair, Department of Human Geography, UTSC
Robert Lewis, PhD (McGill), UTSG  
lewis@geog.utoronto.ca  
Economic geography of the North American city, 1850-1950  
Industrial and social geography of the suburbs, 1850-1950  
Social geography of colonial cities in India, 1881-1921
John Miron, PhD (Toronto), UTSC  
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W. Scott Prudham, PhD (UC Berkeley), UTSG  
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Environmental politics, policy, and social justice  
Forest politics and policy, western North America  
Political ecology  
Political economy and environment
Katharine Rankin, PhD (Cornell), UTSG  
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Comparative market regulation, South Asia, Southeast Asia, North America  
Critical development studies  
Planning history and theory  
Urban governance and commercial gentrification
Susan Ruddick, PhD (UC Los Angeles), UTSG  
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Philosophy and its influences on geographic thought  
Social justice
Rachel Silvey, PhD (Washington), UTSG  
silvey@geog.utoronto.ca  
Critical development studies  
Indonesia  
Migration  
The politics of Islam  
Transnational feminism
Andre Sorensen, PhD (LSE), UTSC  
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Sarah Wakefield, PhD (McMaster), UTSG  
sarah.wakefield@utoronto.ca  
Community development and neighbourhood change  
Community-engaged scholarship  
Critical health geography  
Environmental justice/just sustainability  
Mobilizing for community food security in Canada
Alan Walks, PhD (Toronto), UTM  
alan.walks@utoronto.ca  
Kathi Wilson, PhD (Queen’s), UTM  
kathi.wilson@utoronto.ca

Professors, Teaching Stream:

Donald Boyes, PhD (Western Ontario), UTSG  
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Geographic information systems (GIS) and science  
Scholarship of teaching and learning, pedagogical development  
Teaching with technology, online and blended learning
Barbara Murck, PhD (Toronto), UTM  
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Associate Professors:

Christian Abizaid, PhD (McGill), UTSG  
christian.abizaid@utoronto.ca  
Peasant livelihoods in tropical forests  
Human responses to environmental change  
Cultural ecology, environment and development issues in Latin America
Alana Boland, PhD (Washington), UTSG boland@geog.utoronto.ca
Environment and development in China
Urban political ecology
Laura Brown, PhD (Waterloo), UTM lc.brown@utoronto.ca
Environment and development in China
Urban political ecology
Susannah Bunce, PhD (York), UTSC scbunce@utsc.utoronto.ca
Pierre Desrochers, PhD (Montreal), UTM pierre.desrochers@utoronto.ca
Richard DiFrancesco, PhD (McMaster), UTSG difrance@geog.utoronto.ca
The functioning and evolution of regional economic clusters
The policy implications of cluster evolution in the face of changing trade environments
Matthew Farish, PhD (British Columbia), UTSG farish@geog.utoronto.ca
The American Cold War
American military-environment relations, 1898-present
The cultural and historical geography of North American cities
The militarization and modernization of the North American Arctic, 1940-1965
Twentieth-century intellectual history
Kanishka Goonewardena, PhD (Cornell), UTSG kanishka.goonewardena@utoronto.ca
Urbanism and critical theory
Planning practice, political thought and geo-political-economics
Modernity and nationalism (postcolonial and diasporic)
Yuhong He, PhD (Saskatchewan), UTM yuhong.he@utoronto.ca
Paul Hess, PhD (Washington), UTSG hess@geog.utoronto.ca
Planning and designing for non-motorized travel modes
Travel behavior interactions with urban form
Urban form analysis, representation and measurement using GIS
Mark Hunter, PhD (UC Berkeley), UTSC mhunter@utsc.utoronto.ca
Marney Isaac, PhD (Toronto), UTSC marney.isaac@utoronto.ca
Ryan Isakson, PhD (Massachusetts Amherst), UTSC risaksson@utsc.utoronto.ca
Nicole Klenk, PhD (British Columbia), UTSC nicole.klenk@utoronto.ca
Jane Liu, PhD (Toronto), UTSG liu@geog.utoronto.ca
Atmospheric environment (pollution transport and emission from fires, air quality and health implications, satellite monitoring, modeling)
Tropospheric and stratospheric ozone
Climate change
Kenneth Ian MacDonald, PhD (Waterloo), UTSC kmacd@utsc.utoronto.ca
Virginia Maclaren, PhD (Cornell), UTSG maclaren@geog.utoronto.ca
Environmental impact
Southeast Asia
Sustainability indicators
Urban waste management
Carl Mitchell, PhD (Toronto), UTSC c.mitchell@utsc.utoronto.ca
Sharlene Mollett, PhD (Toronto), UTSC sharlene.mollett@utoronto.ca
Andrea Olive, PhD (Purdue), UTM andrea.olive@utoronto.ca

6 Chair, Department of Geography and Planning, UTSG
7 Chair, Department of Geography, UTM
Matti Siemiatycki, PhD (British Columbia), UTSG  siemiatycki@geog.utoronto.ca
  Community and regional planning
  Infrastructure finance and delivery
  Transportation policy and planning
Neera Singh, PhD (Michigan), UTSG  neera.singh@utoronto.ca
  Environmental conservation and development
  Community forestry, forest tenure and forest governance
  Environmental behavior and subjectivity
Tara Vinodrai, PhD (Toronto), UTM  tara.vinodrai@utoronto.ca
Matthew Wells, PhD (Australian National), UTSC  wells@utsc.utoronto.ca
Jun Zhang, PhD (Minnesota), UTSG  zhang@geog.utoronto.ca
  Urban and regional economic development
  Geographic theorizing of markets, states, and institutions
  Geography of innovation and entrepreneurship

Associate Professors, Teaching Stream:
Ahmed Allahwala, PhD (York), UTSC  aallahwala@utsc.utoronto.ca
Monika Havelka, PhD (Western Ontario), UTM  monika.havelka@utoronto.ca
Nicole Laliberte, PhD (Pennsylvania), UTM  Nicole.laliberte@utoronto.ca
Joseph Leydon, PhD (Toronto), UTM  joseph.leydon@utoronto.ca

Assistant Professors:
Matthew Adams, PhD (McMaster), UTM  md.adams@utoronto.ca
Naomi Adiv, PhD (CUNY Graduate Center), UTSG  naomi.adiv@utoronto.ca
  Urban public space
Laurel Besco, PhD (Ottawa), UTM  laurel.besco@utoronto.ca
Michelle Buckley, PhD (Oxford), UTSC  mbuckley@utsc.utoronto.ca
Michelle Daigle, PhD (Washington), UTSG  m.daigle@utoronto.ca
Heather Dorries, PhD (Toronto), UTSG  heather.dorries@utoronto.ca
Tim Duval, PhD (McMaster), UTM  tim.duval@utoronto.ca
Michael Ekers, PhD (Oxford), UTSC  mekers@utsc.utoronto.ca
Steven Farber, PhD (McMaster), UTSC  steven.farber@utoronto.ca
Rachel Goffe, PhD (CUNY Graduate Center), UTSC  rachel.goffe@utoronto.ca
Christopher Higgins, PhD (McMaster), UTSC  cd.higgins@utoronto.ca
Vincent Kuuire, PhD (Western Ontario), UTM  vincent.kuuire@utoronto.ca
Igor Lehnerr, PhD (Alberta), UTM  igor.lehnerr@utoronto.ca
Rajyashree Narayanareddy, PhD (Minnesota), UTSC  rreddy@utsc.utoronto.ca
Trevor Porter, PhD (Carleton), UTM  trevor.porter@utoronto.ca
Jason Spicer, PhD (MIT), UTSG  jason.spicer@utoronto.ca
  Community economic development strategy and planning
  Cooperatively owned businesses in promotion of economic development at the urban scale
Lindsay Stephens, PhD (Toronto), UTSG  lindsay.stephens@utoronto.ca
Jue Wang, PhD (Illinois Urbana-Champaign), UTM  gis.wang@utoronto.ca
Michael Widener, PhD (SUNY Buffalo), UTSG  
michael.widener@utoronto.ca  
Access to healthy food and healthcare facilities  
Health and transportation geographies  
GIS, agent-based modelling, and spatial optimization

Assistant Professors, Teaching Stream:
Sarah Peirce, PhD (Western Ontario), UTSG  
s.peirce@utoronto.ca

Adjunct Faculty:
J. Berridge, UTSG, P. Campsie, UTSG, R. Dowler, UTSG, J. Farrow, UTSG, J. McLaughlin UTSG, S. Makuch, UTSG

Sessional II Instructors:
D. Dupuy, UTSG, J. Farrow, UTSG, R. Phillips, UTSG, R. Verma, UTSG
Department Offers

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

Faculty

Professors Emeriti:


Professors: E-mail Address:

David Atkinson, PhD (Ottawa) datkinso@uvic.ca
  Alpine icefield responses to weather
  Synoptic climatology
  Temperature downscaling
  Weather system impacts of coastal regions

Denise Cloutier, PhD (Guelph) dcloutier@uvic.ca
  Healthy aging
  Models of service delivery for seniors
  Mixed methods
  Emergency management

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

Philip Dearden, PhD (Victoria) pdearden@uvic.ca
  Marine protected area planning in Canada, Asia, and Africa
  National parks, poverty, and ecotourism
  Protected areas
  Shark and dive tourism

Johannes Feddema, PhD (Delaware) feddema@uvic.ca
  Simulating human land cover change in Earth System models

1 Department Chair
Urban climatology
Water balance climatology

Mark Flaherty, PhD (McMaster)  flaherty@mail.geog.uvic.ca
Small-holder aquaculture, food security, and poverty alleviation in developing nations

Jutta Gutberlet, PhD (Tübingen, Germany)  gutber@uvic.ca
Development geographies
Participatory action research
Situated urban political ecology
Waste governance
Social and solidarity economy

Dennis Jelinski, PhD (Simon Fraser)  jelinski@uvic.ca
Biological conservation
Landscape ecology and biogeography
Wildlife ecology

Olaf Niemann 2, PhD (Alberta)  olaf@uvic.ca
Forest cover assessment using remote sensing techniques
Hydrology/geomorphology of small west coast basins
Hyperspectral and LiDAR remote sensing
Sensor and data integration for assessment of coastal environments

Dan Smith, PhD (Alberta)  smith@uvic.ca
Alpine and process geomorphology
Dendrochronological studies in the British Columbia Coast Mountains
Dendroglaciology in British Columbia

Associate Professors:

Rosaline Canessa, PhD (Victoria)  rosaline@uvic.ca
Coastal GIS
Collaborative GIS and seascape visualization
Integrated coastal management
Marine protected areas
Marine spatial planning, zoning

Chris Darimont, PhD (Victoria)  darimont@uvic.ca
Conservation ethics
Ecosystem-based harvest management
Indigenous geographies
Marine-terrestrial interactions
Wildlife ecology

Dave Duffus, PhD (Victoria)  dduffus@mail.geog.uvic.ca
Whale research

Reuben Rose-Redwood, PhD (Penn State)  redwood@uvic.ca
Cultural landscape studies
Urban historical geography

2 BC Leadership Chair in Hyperspectral Remote Sensing
History of geographical thought  
Geographies of New York City

Assistant Professors:

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

Eva Kwoll, PhD (Bremen) ekwoll@uvic.ca  
Estuarine dynamics  
Eelgrass ecogeomorphology  
Coastal sediment transport processes

Randall Scharien, PhD (Calgary) randy@uvic.ca  
Arctic sea ice variability and climate change  
Remote sensing with synthetic aperture radar  
Radar polarimetry

Teaching Professors:

Teresa Dawson, MA (Oxford), MA (McMaster) tdawson@uvic.ca  
Geography pedagogy  
Feminist geography  
Learning in community

Ian O’Connell, PhD (Victoria) ianoc@uvic.ca  
Cartography  
GIS

Associate Teaching Professor:

Cameron Owens, PhD (Simon Fraser) camo@uvic.ca  
Community-engaged research and teaching  
Field school learning  
Sustainable community development  
Environmental impact assessment

Assistant Teaching Professors:

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

CindyAnn Rose-Redwood, PhD (Penn State) cindyann@uvic.ca  
Urban social geography  
Global migration  
Race and ethnicity  
Geographies of international students  
Caribbean studies
Limited Term:
Sophia Carodenuto, PhD (Albert-Ludwigs), Assistant Professor, Limited Term
John Gibson, PhD (Waterloo), Professor, Limited Term
Daniel Peters, PhD (Trent), Assistant Professor, Limited Term
Terry Prowse, PhD (Canterbury), Professor, Limited Term
Crystal Tremblay, PhD (Victoria), Assistant Professor, Limited Term

Adjunct and Cross-Listed Faculty:
Rene Alfaro, PhD (Simon Fraser), Adjunct Professor
Bernard Bauer, PhD (Johns Hopkins), Adjunct Professor
Anthony Charles, PhD (British Columbia), Adjunct Professor
Stephen Cross, PhD (Stirling), Adjunct Professor
James Gardner, PhD (McGill), Adjunct Professor
Marten Geertsema, PhD (Utrecht), Adjunct Professor
Jim Harrold, PhD (Victoria), Adjunct Professor
Trisalyn Nelson, PhD (Wilfrid Laurier), Adjunct Professor
Aleck Ostry, PhD (British Columbia), Adjunct Professor
Paul Paquet, PhD (Alberta), Adjunct Professor
Christopher Pearce, PhD (Laval), Adjunct Professor
Terry Prowse, PhD (Canterbury), Adjunct Professor
Rajesh Shrestha, PhD (Karlsruhe), Adjunct Professor
Tim Tinker, PhD (California), Adjunct Professor
Ian Walker, PhD (Guelph), Adjunct Professor
Fred Wrona, PhD (Calgary), Adjunct Professor
Michael Wulder, PhD (Waterloo), Adjunct Professor
Jean Birks, PhD (Waterloo), Adjunct Associate Professor
Yonas Dibike, PhD (Delft), Adjunct Associate Professor
Ellen Hines, PhD (Victoria), Adjunct Associate Professor
Olav Lian, PhD (Western Ontario), Adjunct Associate Professor
Clifford Robinson, PhD (British Columbia), Adjunct Associate Professor
Rick Rollins, PhD (Washington), Adjunct Associate Professor
Tara Sharma, PhD (British Columbia), Adjunct Associate Professor
Stephen Tyler, PhD (California, Berkley), Adjunct Associate Professor
Mark Zacharias, PhD (Guelph), Adjunct Associate Professor
Kyle Artelle, PhD (Simon Fraser), Adjunct Assistant Professor
Bruce Downie, PhD (Victoria), Adjunct Assistant Professor
Jennifer Mateer, PhD (Victoria), Adjunct Assistant Professor
Grant Murray, PhD (Michigan), Adjunct Assistant Professor
Geoff Quinn, PhD (Victoria), Adjunct Assistant Professor
Mark Seemann, PhD (Victoria), Adjunct Assistant Professor
Janis Shandro, PhD (British Columbia), Adjunct Assistant Professor
Pamela Shaw, PhD (Victoria), Adjunct Assistant Professor
Yi Yi, PhD (Waterloo), Adjunct Assistant Professor
John Gibson, PhD (Waterloo), Professor, Limited Term
Stephen Cross, PhD (Stirling), Adjunct Associate Professor
G. Cornelis van Kooten, PhD (Oregon State), Cross-listed Professor (Economics)
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 Andrey, PhD (Waterloo)  
Transportation planning  
Weather hazards  
Climate change adaptation  
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Claude Duguay, PhD (Waterloo)  
Climate impacts on the cryosphere  
Climate-lake interactions  
Numerical modelling and remote sensing of lake ice  
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Susan Elliott, PhD (McMaster)  
Medical geography  
Environment and health  
Global health  
Philosophies of science  
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Richard Kelly, PhD (Bristol)  
Global change of the cryosphere  
Remote sensing of global snow water equivalent from passive microwave measurements  
rejkelly@uwaterloo.ca

Jonathan Li, PhD (Cape Town)  
Mobile laser scanning for 3D object extraction  
Urban modelling using remote sensor data  
Environmental monitoring using satellite data  
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Merrin Macrae, PhD (Wilfrid Laurier)  
Hydrology and chemistry of agricultural runoff Hydrologic and biogeochemical processes in wetlands  
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Sanjay Nepal, PhD (Bern)  
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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1 Dean of the Faculty of Environment  
2 Department Chair
Paul Parker, PhD (London)       pparker@uwaterloo.ca
  Sustainable energy policy
  Net zero energy houses/communities, residential energy efficiency
  Smart grid: energy hub management system
  Remote communities / First Nations: renewable energy in the North
  Sustainable community development
  Green economy, knowledge economy
  Community energy planning, regional development initiatives

Richard Petrone, PhD (Waterloo)   rich.petrone@uwaterloo.ca
  Greenhouse gas fluxes
  Hydrometeorology of boreal peatlands and forests
  Reclamation
  Soil-vegetation-atmosphere interactions
  Alpine hydrometeorology

Jonathan Price, PhD (McMaster)    jsprice@uwaterloo.ca
  Hydrology and hydrogeology of peatlands
  Peatland restoration and reclamation
  Solute transport in peat and peatlands

Daniel Scott, PhD (York)   dj2scott@uwaterloo.ca
  Climate change adaptation and mitigation in the tourism sector
  Global change and tourism
  Sustainable tourism
  Climate change and insurance

Steffanie Scott, PhD (British Columbia)  sdscott@uwaterloo.ca
  East Asia (China, Vietnam) and Canada
  Agro-food system sustainability
  Organic & ecological agriculture
  Rural transformation
  Environment-development interfaces, sustainable communities

Michael Stone, PhD (Waterloo)    mstone@uwaterloo.ca
  Sediment/water interactions
  Land disturbance and water quality
  Stormwater management

Maria Strack, PhD (McMaster)    mstrack@uwaterloo.ca
  Wetland greenhouse gas exchange
  Peatland restoration and reclamation
  Organic soil physics

Associate Professors:

John Beebe, PhD (Wilfrid Laurier)    jbeebe@uwaterloo.ca
  Integrated fluvial geomorphology and urban stormwater management; impacts
  from resource extraction on surface/groundwater interactions

Sarah Burch, PhD (British Columbia)  sarah.burch@uwaterloo.ca
  Landscape visualizations
  Participatory planning in communities
  Social-ecological systems
  Sustainability entrepreneurship
Sustainability policy
Urban climate change governance

Peter Deadman, PhD (Arizona)  pjdeadma@uwaterloo.ca
Agent based modelling
Geographic information systems
Land use change
Natural resources management

Brent Doberstein, PhD (British Columbia)  bdoberst@uwaterloo.ca
Capacity building
International development
Natural hazards
Parks and protected areas
Resource and environmental management

Christopher Fletcher, PhD (University College)  chris.fletcher@uwaterloo.ca
Modelling of climate variability and change
Atmospheric teleconnections
Aerosol-climate interaction
Cryosphere-climate interaction

Peter Johnson, PhD (McGill)  peter.johnson@uwaterloo.ca
Government use of geospatial technology
Mobile devices
Open data
The geospatial web 2.0

Suzanne Kearns, PhD (Capella)  suzanne.kearns@uwaterloo.ca
Aviation human factors and pilot training
Educational theory related to aviation, including the shift towards competency-based education practices and the impact of e-learning in aviation

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

Ian McKenzie, PhD (Western)  mckenzie@uwaterloo.ca
Aviation and Geomatics

Clare Mitchell, PhD (Waterloo)  cjamitch@uwaterloo.ca
Counterurbanization
Heritage commodification and rural restructuring
Rural change

Derek Robinson, PhD (Michigan)  dtrobinson@uwaterloo.ca
Agent-based modelling
Impact and responses among ecological processes, climate, and land management
Land use, land management and the carbon cycle
Policy impacts on land use and ecosystem services
Terrestrial ecosystem management
Unmanned aerial vehicles
Retail location
Wetland reclamation

Tara Vinodrai, PhD (Toronto)  
tara.vinodrai@uwaterloo.ca
Creative and cultural economy of cities
Innovation, learning and knowledge dynamics
Labour market dynamics
Local and regional economic development

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

Assistant Professors:

Daniel Cockayne, PhD (Kentucky)  
daniel.cockayne@uwaterloo.ca
Cultural geography
Critical human geography
Economic geography
Entrepreneurialism and startup economies
Feminist geography, queer geography and sexuality

Christine Dow, PhD (Swansea)  
christine.dow@uwaterloo.ca
Subglacial hydrology
Glacial numerical modeling
Ice dynamics of ice sheets and glaciers

Nancy Worth, PhD (Leeds)  
nworth@uwaterloo.ca
Economic geography
Social geography
Feminist geography
Social justice
Identities and belonging

Lecturer:

Erin O'Connell, PhD (Waterloo)  
erin.oconnell@uwaterloo.ca
Post-disaster vulnerability reduction and building sustainable and resilient capacities in disaster-affected communities;
emphasis on community-based disaster recovery and reconstruction in Asia;
environmental studies, examining the human interactions with the natural world

Su-Yin Tan, PhD (Cambridge)  
sy2tan@uwaterloo.ca
Remote sensing geographic information systems (GIS),
spatial statistics and data analysis, GIS education
Vegetation and climatology
Environmental monitoring
Department Offers

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

Faculty

**Professors Emeriti:**

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

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wcode@uwo.ca  
mbgreen@uwo.ca  
janelle@geog.ucsb.edu  
luckman@uwo.ca  
gmcbean@uwo.ca  
mcdaniel@uwo.ca  
pjarr@uwo.ca  
pazner@uwo.ca  
csmart@uwo.ca  
lgsmith@uwo.ca  
pjstooke@uwo.ca

**Professors:**

Peter Ashmore, PhD (Alberta)  
Fluvial geomorphology  
Sediment transport  
pashmore@uwo.ca

Jamie Baxter, PhD (McMaster)  
Community responses to hazards  
Environmental risks from hazards  
Health  
Methodology  
Noxious facility siting  
jamie.baxter@uwo.ca

Brian Branfireun, PhD (McGill)  
Biogeochemistry  
Eco hydrology  
Wetland ecosystem science  
bbranfir@uwo.ca
Irena Creed, PhD (Alberta)  icreed@uwo.ca
Biochemistry
Forests
GIS
Hydrology
Remote sensing
Watersheds

Jason Gilliland, PhD (McGill)  jgillila@uwo.ca
Children's environments
GIS
Health geography
Urban studies

Isaac Luginaah, PhD (McMaster)  iluginaa@uwo.ca
Air pollution
Environment and health
GIS and health
HIV/AIDS

Jacek Malczewski, PhD (Poland)  jmalczew@uwo.ca
GIS
Location analysis
Quantitative methods

Dan Shrubsole, PhD (Waterloo)  dashrubs@uwo.ca
Integrated resource management (water)

Chris Smart, PhD (McMaster)  csmart@uwo.ca
Geomorphology
Hydrology

Jinfei Wang, PhD (Waterloo)  jfwang@uwo.ca
GIS
Remote sensing

Associate Professors:

Godwin Arku, PhD (McMaster)  garku@uwo.ca
Housing and economic development
Regional and local economic development policy and planning
Third World development issues (especially Africa)
Urban development and policy analysis

Michael Buzzelli, PhD (McMaster)  michael.buzzelli@uwo.ca
Environment and health
GIS
Housing; Urban planning

Jeff Hopkins, PhD (McGill)  jhopkins@uwo.ca
Cultural geography
Gender
Public places

Desmond Moser, PhD (Queen’s)  dmoser22@uwo.ca
Geochronology
Tectonics
Katrina Moser, PhD (McMaster)  
Climate change  
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  

Graham Smith, PhD (Waterloo)  
Capacity building and individual empowerment in the implementation of sustainability  
Dynamism as an approach to environmental change  
Inquiry-based learning  
Sustainable globalization  

James Voogt, PhD (British Columbia)  
Urban climatology  

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

Adam Yates, PhD (Western)  
Aquatic ecosystems in populated landscapes  
Development and application of ecological assessment methods for aquatic ecosystems  
Watershed description and analysis  

Assistant Professors:  

Carol Hunsberger, PhD (Carleton)  
Biofuels  
East Africa  
Political ecology  

Agnieszka Leszczynska, PhD (Washington)  
Digital geographies  
GIScience & Society  
Digital location  
Geolocation  
Platform economy

1 Chair
Diana Lewis, PhD (Dalhousie)  diana.lewis@uwo.ca
Indigenous environmental health
Social/environmental justice
Indigenous methodology
Quantitative methods
Community-based research
Risk/environmental assessment

Jed Long, PhD (Victoria)  jlong83@uwo.ca
GIS and other spatial analysis techniques in the study of movement
Spatial and space-time analysis
GIScience; including spatial modelling, volunteered geographic information

Limited Duty Instructors:

Daniel Bednar, PhD Candidate (Western)  dbednar@uwo.ca
Wendy Dickinson, PhD (Western)  whdickin@uwo.ca
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Stephen Evans, MPA (Western)  sevans4@uwo.ca
Clare Gordon, PhD (Western)  cgordon@uwo.ca
Denise Grafton, PhD (Western)  grafton@uwo.ca
Christopher Hewitt, PhD (Western)  chewitt4@uwo.ca
Kim Holland, MA (Western)  kholland@uwo.ca
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Mark Moscicki, MA (Western)  mmoscic@uwo.ca
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Sergio Pompilii, MA (Western)  spompilii@uwo.ca
Gabor Sass, PhD (Western)  gaborsass@uwo.ca
Fatih Sekercioglu, PhD (Western)  msekeri@uwo.ca
Joe Shaw, MBA (Windsor)  jshaw86@uwo.ca
Anna Marie Soleski, PhD Candidate (Toronto)  asolesk@uwo.ca
Department Offers

BA, BSc

Faculty

Proffessors: E-mail Address:

Danny Blair, PhD (Manitoba) d.blair@uwinnipeg.ca
Prairie Climate Centre (Co-Director)
Climate Atlas of Canada (climateatlas.ca)
Visualization of climate change data
Climate change and variability in the Western Interior

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

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

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

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  

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  

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 and restoration  
Geospatial analysis for retail food environments  

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

Instructors:

Mark T. Krawetz, MA (Windsor)  m.krawetz@uwinnipeg.ca
Brian R. McGregor, MA (Queen’s)  b.mcgregor@uwinnipeg.ca

Senior Scholars:

John C. Lehr, PhD (Manitoba)  j.lehr@uwinnipeg.ca
   Hutterite Society
   Jewish agricultural settlement on the prairies
   The historical geography of Cooks Creek, Manitoba.
William F. Rannie, PhD (Toronto)  b.rannie@uwinnipeg.ca
   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
Department Offers

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

Faculty

Donald Alexander, PhD (Waterloo) don.alexander@viu.ca
- Place-making and teaching “place literacy”
- Protecting the small retail sector
- Theory and practice of urban sustainability/ livability
- Urban governance for sustainable neighbourhoods

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 Department Chair
Pam Shaw, PhD (Victoria)  
  pam.shaw@viu.ca  
  Master of Community Planning program—Director  
  Mount Arrowsmith Biosphere Region Research Institute—Research Director  
  Planning and the public interest  
  Retail geography

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

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

Adjunct Faculty:

Bill Floyd, PhD (British Columbia)  
  bill.floyd@viu.ca  
  Forest hydrology with a focus on land-use impacts to stream flow and water quality  
  Implications of climate change on regional stream flow and extreme events  
  Nutrient export from forested watersheds

Moshe Rapaport, PhD (Hawaii)  
  moshe.rapaport@viu.ca  
  Biodiversity and natural resource management  
  Ecosystem sustainability  
  Pacific Northwest and Oceania  
  Health, environment and lifestyles

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

Technician:

Jessica Craig, MSc (Victoria)  
  jessica.craig@viu.ca
Department Offers

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

Professors:  

Alison Blay-Palmer, PhD (Guelph)  
Globalization  
Green economy initiatives  
Multi-scaled economic development  
Sustainable food systems

Mary-Louise Byrne, PhD (McMaster)  
Aeolian geomorphology  
Coastal geomorphology  
GIS application in coastal environment  
Great Lakes sand dunes  
Stratification in coastal sand dunes

Jonathan Crush, PhD (Queens)  
International Migration and Diasporas  
Urban Food Security  
African Politics and Development

Simon Dalby, PhD (Simon Fraser)  
Climate security  
Environmental geopolitics

Sean T. Doherty, PhD (Toronto)  
Applications of Global Positioning Systems  
Diabetes management and decision support systems  
Experience sampling methods

1 Chair (faculty information as of July 1, 2019)
Healthy parks and physical activity
Local food messaging systems
Mobility and health

Michael English, PhD (McGill)  menglish@wlu.ca
Evaluating sublimation of the Arctic tundra snowpack
Groundwater hydrology and chemistry in the northern temperate and Arctic regions
Hydrology and chemistry of agricultural drainage
Linking satellite passive microwave data with surface hydrology in the Arctic

Philip Marsh, PhD (McMaster)  pmarsh@wlu.ca
Canada Research Chair in Cold Regions Water Science
Arctic hydrology
Snow accumulation, melt and runoff
Climate change impacts on the arctic
Hydrological modelling
Arctic deltas

Robert McLeman, PhD (Guelph)  rmcleman@wlu.ca
Citizen science
Community adaption to climatic variability and change
Environment and human migration

Alison Mountz, PhD (British Columbia)  amountz@wlu.ca
Displacement, refugee issues, asylum, detention
Feminist geography
Global migration
Political geography of borders, islands, migration
Urban geography

William L. Quinton2, 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

2 Canada Research Chair
Past and present hydroecology in northern freshwater landscapes (Peace-Athabasca [AB] and Slave River deltas [NWT]; Old Crow Flats [YT]; Wapusk National Park [MB])

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

Assistant Professors:

Homa Kheyrollah Pour, PhD (Waterloo)  hpour@wlu.ca
Canada Research Chair in Remote Sensing of Environmental Change
Remote sensing of Environmental Change
Remote sensing methods and mathematical modelling on lake ice and freshwater lakes
Climate change
Data assimilation using satellite observations
Lake-atmosphere interactions
Lake/land temperature monitoring
Ice thickness estimation using optical sensors
Data quality and evaluation/validation
Land monitoring using SAR imagery
Permafrost monitoring
Clouds microphysics and ice content monitoring using remote sensing
Miguel Sioui, PhD (Carleton)  
Indigenous Knowledges (IK’s) in America  
Environmental Management  
Environmental Ethics  

Jason Venkiteswaran, PhD (Waterloo)  
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  

Faculty – Brantford Campus  

Associate Professors:  

Brenda Murphy, PhD (Guelph)  
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  
Department of Geography  
4700 Keele Street, Toronto, Ontario M3J 1P3  
(416) 736-5107 — Fax: (416) 736-5988  
Website: http://www.geography.laps.yorku.ca

Department Offers

BA, BSc, MA, MSc, PhD, Certificate in Geographic Information Systems and Remote Sensing

Faculty

Professors Emeriti:


Professors:  
E-mail Address:

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

*Christian Haas, PhD (Bremen)  
haasc@yorku.ca  
Airborne geophysics  
Arctic climate change  
Electromagnetic induction sounding  
Ice engineering  
Ocean-ice-atmosphere interaction  
Satellite remote sensing  
Sea ice and snow thickness  
Sensor development

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

* Faculty from other departments appointed to the Graduate Program in Geography
Jennifer Hyndman, PhD (British Columbia)  jhyndman@yorku.ca
Critical and feminist geopolitics
Geographies of forced migration/immigration
Humanitarian aid in response to conflict/asylum/disasters
Refugee (re)settlement
*Roger Keil, DrPhil (Johann Wolfgang Goethe)  rkeil@yorku.ca
Global cities
Global suburbanisms
Infectious disease and cities
Urban infrastructures
Urban governance
Urban political ecology
Philip F. Kelly, PhD (British Columbia)  pfkelly@yorku.ca
Economic geography
Immigration and labour markets in Canada
Migration and transnationalism
Socio-economic change in the Philippines and Southeast Asia
Youth and social mobility
*Ute Lehrer, PhD (Los Angeles)  lehrer@yorku.ca
Built environment, ethnicity and immigration to urban areas
Cities and globalization
Economic restructuring and urban form
Global suburbanism
Image production in cities
Political economy of the built environment
Theory and history of planning, urban design and architecture
Joseph Mensah PhD (Alberta)  jmensah@yorku.ca
African immigrant religion and cultural identity
Critical development theory
Geographies of development and health
Neoliberalism and globalization in Africa
Religious transnationalism
*Lewis Molot, PhD (Alaska)  lmolot@yorku.ca
Iron and phosphorus co-regulation of cyanobacterial abundance in freshwaters
*Linda Peake, PhD (Reading)  lpeake@yorku.ca
Caribbean geography, especially Guyana
Critical methodologies
Feminist, social, political and urban geography
Feminist geographies of gender, race and sexuality
Mental health and the academy
Transnational feminist praxis

1 Chair (Faculty information as of 1 July 2019)

* Faculty from other departments appointed to the Graduate Program in Geography
Valerie Preston, PhD (McMaster)  vpreston@yorku.ca
  Feminist geography  
  Geographies of housing and labour markets  
  International migration and Canadian cities  
  Urban social geography  
  *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 literature, especially postcolonial literatures and literary tourism  
  Geography and religion, especially pilgrimage, religious tourism and sacred sites  
  Peter Vandergeest, PhD (Cornell)  pvander@yorku.ca  
  Agrarian change  
  Alternative agriculture  
  Environmental governance  
  Fisheries and forestry  
  Southeast Asia  
  Patricia K. Wood, PhD (Duke)  pwood@yorku.ca  
  Activism and protest  
  Citizenship and identity  
  Diversity and politics of identity in Ireland  
  Diversity in Canadian cities  
  Indigenous peoples and property rights  
  Kathy L. Young, PhD (McMaster)  klyoung@yorku.ca  
  Arctic ecohydrology  
  Arctic wetland hydrology  
  Cold regions hydrology  
  Hydrology of extreme environments  
  Slope hydrology  
  Snow hydrology  

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  

* Faculty from other departments appointed to the Graduate Program in Geography
Ranu Basu, PhD (Toronto)  ranubasu@yorku.ca
- Critical Geographic Information Systems (GIS)
- Critical geographies of education
- Migrants and public space
- Toronto, Kolkata and Havana
- Theories of collective action and community organization
- Urban social and political geography and planning

Rick L. Bello, PhD (McMaster)  bello@yorku.ca
- Advective role of Hudson Bay on net ecosystem exchange in HBL
- Airborne deposition on ponds (HBL)
- Changing potential for wind energy generation
- Changes in wind and wave energy on the Great Lakes
- Effects of snow drifting on shrub growth (HBL)
- Environmental factors controlling Wnv mosquito vectors
- Environmental factors influencing mosquito abundance (HBL)
- Hudson Bay Lowlands (HBL)
- Methane ebullition from ponds in HBL
- Sensitivity of poikilohydric plants to climate change (HBL)
- Trends in sea ice conditions and wind speed (HBL)
- Urban evaporation

Kean Birch, PhD (Oxford Brookes)  kean@yorku.ca
- Corporate power and governance
- Economic geography
- Emerging bioeconomy
- European regional policy
- Infrastructure and socio-technical transitions
- Knowledge economies
- Marketization through public-private partnerships
- Regional socio-economic development
- Varieties of neoliberalism and neoliberal restructuring

Taly Drezner, PhD (Arizona State)  drezner@yorku.ca
- Biogeography
- Deserts and cacti
- Plant-climate interactions
- Riparian ecosystems and disturbance
- Tropical island ecosystems

*Lisa Drummond, PhD (Australian National University)  drummond@yorku.ca
- Popular culture in Asia
- Public space
- Socialist cities
- Urban climate resilience in Southeast Asia
- Urban Southeast Asia
- Vietnam

* Faculty from other departments appointed to the Graduate Program in Geography
*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  
  Cultural and historical geography  
  North American immigration, ethnic and urban history  
  The Irish diaspora  

*Stefan Kipfer, PhD (York)  
  kipfer@yorku.ca  
  Colonization, racialization and urbanization  
  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 state, social movements and restructuring  
  The works of Henri Lefebvre, Antonio Gramsci and Frantz Fanon  
  Theories of society, politics and the city/country/urbanization  
  Theories of society, politics and the city  

*Christopher Lortie, PhD (British Columbia)  
  lortie@yorku.ca  
  Biogeography  
  Climate change  
  Community  
  Desert system restoration and management  
  Invasion biology  
  Invasion biology  

Elizabeth Lunstrum, PhD (Minnesota) – On leave  
  lunstrum@yorku.ca  
  Environmental displacement  
  Mobility/migration  
  Political ecology  
  Political geography  
  Politics of conservation, including cross-border conservation and wildlife crime/poaching  

*Jean Michel Montsion, PhD (McMaster)  
  jmmontsion@glendon.yorku.ca  
  Ethnicity  
  Gateway cities  
  Indigeneity  
  Mobility  
  Singapore  
  Vancouver  

*Justin Podur, PhD (Toronto)  
  jpodur@yorku.ca  
  Forest fires  
  Geographic information systems  
  International development and conflict  

* Faculty from other departments appointed to the Graduate Program in Geography
*Roberto Quinlan, PhD (Queen’s) rquinlan@yorku.ca
   Aquatic ecology
   Limnology
   Paleoecology
Tarmo Remmel, PhD (Toronto) remmelt@yorku.ca
   Accuracy and spatial uncertainty
   Boreal forest disturbance processes
   Quantification and comparison of spatial patterns
   Satellite and UVA remote sensing
   Spatial analysis of vegetated landscapes
Steven Tufts, PhD (York) tufts@yorku.ca
   Labour and economic development
   Labour and environment
   Labour unions
   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 Professor:
Jennifer Korosi, PhD (Queen’s) jkorosi@yorku.ca
   Biogeography of freshwater microcrustaceans
   Environmental contaminants
   Environmental stressors acting on aquatic ecosystems and their watersheds
   Long-term environmental change in northern regions

* Faculty from other departments appointed to the Graduate Program in Geography
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

<table>
<thead>
<tr>
<th>Year</th>
<th>University Name</th>
<th>Year</th>
<th>University Name</th>
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<tbody>
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<td>McGill University</td>
<td>1991</td>
<td>Queen's University</td>
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<tr>
<td>1952</td>
<td>Université Laval</td>
<td>1992</td>
<td>University of British Columbia</td>
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<tr>
<td>1953</td>
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<td>1993</td>
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<td>1994</td>
<td>Wilfrid Laurier University</td>
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<td>1955</td>
<td>University of Toronto</td>
<td>1995</td>
<td>Université de Québec à Montréal</td>
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<td>1956</td>
<td>Université de Montréal</td>
<td>1996</td>
<td>University of Saskatchewan</td>
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<td>University of Ottawa</td>
<td>1997</td>
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<td>1958</td>
<td>University of Alberta</td>
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<td>Newfoundland</td>
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<td>1959</td>
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<td>Université d'Ottawa</td>
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<td>University of Lethbridge</td>
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<td>University of British Columbia</td>
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<td>Ryerson University, University of Toronto, and York University</td>
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<td>1967</td>
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<td>2003</td>
<td>University of Victoria</td>
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<td>University of Calgary</td>
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<td>Université de Moncton and Mount Allison University</td>
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<td>University of Waterloo</td>
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<td>Lakehead University</td>
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<td>Université de Montréal (IGC)</td>
<td>2007</td>
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<td>University of Regina</td>
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<td>University of Regina</td>
<td>2012</td>
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<td>University of Victoria</td>
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<td>2014</td>
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<td>Simon Fraser University</td>
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<td>University of Ottawa</td>
<td>2016</td>
<td>Saint Mary’s University and Dalhousie University</td>
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<td>2018</td>
<td>Université Laval</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>
## 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>University/Institution</th>
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<tbody>
<tr>
<td>1951</td>
<td>Donald F. Putnam,*</td>
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</tr>
<tr>
<td>1952</td>
<td>Pierre Dagenais,*</td>
<td>Université de Montréal</td>
</tr>
<tr>
<td>1953</td>
<td>J. Ross Mackay</td>
<td>University of British Columbia</td>
</tr>
<tr>
<td>1954</td>
<td>Benoit Brouillette,*</td>
<td>Ecole H.E.C.</td>
</tr>
<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,</td>
<td>Université Laval</td>
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<tr>
<td>1957</td>
<td>Trevor Lloyd,*</td>
<td>McGill University</td>
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<tr>
<td>1958</td>
<td>J. Brian Bird,*</td>
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<tr>
<td>1959</td>
<td>Donald Kerr,*</td>
<td>University of Toronto</td>
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<tr>
<td>1960</td>
<td>Edward G. Pleva,</td>
<td>University of Western Ontario</td>
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<tr>
<td>1961</td>
<td>William C. Wonders,*</td>
<td>University of Alberta</td>
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<tr>
<td>1962</td>
<td>Lloyd G. Reeds,*</td>
<td>McMaster University</td>
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<tr>
<td>1963</td>
<td>F. Kenneth Hare,*</td>
<td>McGill University</td>
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<tr>
<td>1964</td>
<td>Fernand Grenier,</td>
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<tr>
<td>1965</td>
<td>John B. Chapman,</td>
<td>University of British Columbia</td>
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<tr>
<td>1966</td>
<td>Thomas R. Weir,*</td>
<td>University of Manitoba</td>
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<tr>
<td>1967</td>
<td>Jacob Spelt,</td>
<td>University of Toronto</td>
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<td>1968</td>
<td>Ludger Beauregard,</td>
<td>Université de Montréal</td>
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<tr>
<td>1969</td>
<td>J. Howard Richards,</td>
<td>University of Saskatchewan</td>
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<tr>
<td>1970</td>
<td>Richard I. Ruggles,*</td>
<td>Queen's University</td>
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<td>1971</td>
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<td>1972</td>
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<td>Peter J. Smith,</td>
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<td>Louis Trotier,</td>
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<td>1975</td>
<td>J. Gordon Nelson,</td>
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<td>1976</td>
<td>Alex T. Davidson,</td>
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<td>1977</td>
<td>Charles N. Forward,</td>
<td>University of Victoria</td>
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<td>1978</td>
<td>Ralph R. Krueger,*</td>
<td>University of Waterloo</td>
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<td>1979</td>
<td>Denis A. St-Onge,</td>
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<td>1980</td>
<td>Marie E. Sanderson,*</td>
<td>University of Windsor</td>
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<td>1981</td>
<td>J. Keith Fraser</td>
<td>Environment Canada</td>
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<tr>
<td>1982</td>
<td>Derek C. Ford,</td>
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<td>1983</td>
<td>Paul-Yves Denis,</td>
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<tr>
<td>1984</td>
<td>Brenton Barr,</td>
<td>University of Calgary</td>
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<tr>
<td>1985</td>
<td>R. Colebrook Harris,</td>
<td>University of British Columbia</td>
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<tr>
<td>1986</td>
<td>Leslie J. King</td>
<td>McMaster University</td>
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<tr>
<td>1987</td>
<td>Roger F. Tomlinson,*</td>
<td>Tomlinson &amp; Associates</td>
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<tr>
<td>1988</td>
<td>Edward W. Manning</td>
<td>Environment Canada</td>
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<tr>
<td>1989</td>
<td>Terence G. McGee</td>
<td>University of British Columbia</td>
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<td>1990</td>
<td>Paul Y. Villeneuve</td>
<td>Université Laval</td>
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<tr>
<td>1991</td>
<td>Olav Slaymaker,</td>
<td>University of British Columbia</td>
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<td>1992</td>
<td>Michael J. Troughton,*</td>
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<td>1993</td>
<td>Larry S. Bourne</td>
<td>University of Toronto</td>
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<tr>
<td>1994</td>
<td>Anne V. T. Whyte,</td>
<td>CDRC</td>
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<td>1995</td>
<td>John C. Everitt,</td>
<td>Brandon University</td>
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<td>1996</td>
<td>Bryan Massam,</td>
<td>York University</td>
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<td>1998</td>
<td>Iain Wallace,</td>
<td>Carleton University</td>
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<tr>
<td>2000</td>
<td>Audrey Kobayashi</td>
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<tr>
<td>2002</td>
<td>André G. Roy,</td>
<td>Université de Montréal</td>
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<td>2004</td>
<td>Chris Sharpe,</td>
<td>Memorial University of Newfoundland</td>
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<td>2006</td>
<td>Alison Gill,</td>
<td>Simon Fraser University</td>
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<td>2008</td>
<td>Dan J. Smith,</td>
<td>University of Victoria</td>
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<td>2010</td>
<td>Anne Godlewska</td>
<td>Queen's University</td>
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<td>2012</td>
<td>Jean Andrey,</td>
<td>University of Waterloo</td>
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<tr>
<td>2014</td>
<td>Theresa Garvin</td>
<td>University of Alberta</td>
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<tr>
<td>2016</td>
<td>Dan Shrubsole</td>
<td>Western University</td>
</tr>
<tr>
<td>2018</td>
<td>Sanjay Nepal</td>
<td>University of Waterloo</td>
</tr>
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</table>
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>
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<th>Year</th>
<th>Name</th>
<th>Year</th>
<th>Name</th>
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<td>1972</td>
<td>J. Ross Mackay</td>
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<td>James T. Lemon</td>
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<td>John H. Warkentin</td>
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<td>Paul Villeneuve</td>
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<td>1976</td>
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<td>1999</td>
<td>Roger Hayter</td>
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<td>1977</td>
<td>Leslie Curry</td>
<td>2000</td>
<td>Terence G. McGee</td>
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<td>1978</td>
<td>Derek C. Ford</td>
<td>2001</td>
<td>Philip Howarth</td>
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<tr>
<td>1979</td>
<td>F. Kenneth Hare</td>
<td>2002</td>
<td>Trevor John Barnes</td>
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<tr>
<td>1980</td>
<td>R. Cole Harris</td>
<td></td>
<td>John Herbert Galloway</td>
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<tr>
<td>1982</td>
<td>Maurice H. Yeates</td>
<td></td>
<td>Glen B. Norcliffe</td>
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<tr>
<td>1983</td>
<td>J. Gordon Nelson</td>
<td>2004</td>
<td>Edward Relph</td>
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<td>1984</td>
<td>Leslie J. King</td>
<td>2005</td>
<td>Brian Luckman</td>
</tr>
<tr>
<td>1985</td>
<td>Larry S. Bourne</td>
<td>2006</td>
<td>Geraldine Pratt</td>
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<tr>
<td>1986</td>
<td>Timothy R. Oke</td>
<td>2007</td>
<td>Barry Boots</td>
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<tr>
<td>1987</td>
<td>No Award</td>
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<td>Meric S. Gertler</td>
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<tr>
<td>1988</td>
<td>David F. Ley</td>
<td>2008</td>
<td>André G. Roy</td>
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<td>1989</td>
<td>James R. Gibson</td>
<td>2009</td>
<td>Graeme Wynn</td>
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<td>1990</td>
<td>Paul-Yves Denis</td>
<td>2010</td>
<td>Barry Smit</td>
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<td>Michael Goodchild</td>
<td>2011</td>
<td>Geoffrey Wall</td>
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<tr>
<td>1991</td>
<td>Kenneth Hewitt</td>
<td>2012</td>
<td>Robin Davidson-Arnott</td>
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<td>1992</td>
<td>James Simmons</td>
<td>2013</td>
<td>Richard Harris</td>
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<tr>
<td></td>
<td>Ming-Ko (“Hok”) Wo</td>
<td>2014</td>
<td>George Lovell</td>
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<tr>
<td>1993</td>
<td>no award/non attribué</td>
<td>2015</td>
<td>Olav Slaymaker</td>
</tr>
<tr>
<td>1994</td>
<td>Jean-Claude Dionne</td>
<td>2016</td>
<td>Philip Dearden</td>
</tr>
<tr>
<td></td>
<td>Bruce Mitchell</td>
<td>2017</td>
<td>Jing Chen</td>
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<tr>
<td>1995</td>
<td>Hugh French</td>
<td>2018</td>
<td>Daniel Scott</td>
</tr>
<tr>
<td></td>
<td>R. Louis Gentilcore (posthumous)</td>
<td>2019</td>
<td>Maureen Reed</td>
</tr>
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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:

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

2008 Susan E. Wurtele
2009 Norman R. Catto
2010 Jody Decker
2011 William Gough
2012 Kathleen Wilson
2013 Michael J. Fox
2014 Catherine Nolin
2015 Robert Milne
2016 Don Boyes
2017 Ian O'Connell
2018 Alana Boland
2019 Shivanand Balram
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
The Starkey-Robinson Award gives recognition to high quality graduate research that furthers understanding of the geography of Canada. Eligibility for the award is based on the completion of a thesis or comparable work at the Masters or Doctoral level at a Canadian University within the preceding 2 years.

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

1990 Irena Onrijchuk, Simon Fraser University
1991 Andrew Haden, University of Alberta
1992 Susan McFarlane, Queen’s University
1993 Siri Bartelsen, University of British Columbia
1994 Ineke Dijks, Queen’s University
1995 Charlotte McCallum, Carleton University
1996 Tony Isaak, University of Saskatchewan
1997-1999* No award/non attribué
2000 Phil Morris, University of Northern British Columbia
2001 Lilian Ford, University of British Columbia
2002 Michael Buzzelli, McMaster University
2003 Sarah de Leeuw, University of Northern British Columbia
2004 No award/non attribué
2005 Timothy F. Johnsen, Simon Fraser University
Carolyn Whitzman, McMaster University
2006 Mary Subedar, University of British Columbia
2007 Shannon Studen Bower, University of British Columbia
2008 Jesse Proudfoot, Simon Fraser University
2009 Emma Stewart, University of Calgary
2010 Andrey N. Petrov, University of Toronto
2011 Rosalind Franklin, Concordia University
2012 Julia Christenson, McGill University
2013 Nathaniel Lewis, Queen’s University
Jared Peters, Simon Fraser University
2014 J P Catungal, University of Toronto
2015 Matt Dyce, University of British Columbia
2016 Katie Hemsworth, Queen’s University
Andrew Perkins, Simon Fraser University
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

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

<table>
<thead>
<tr>
<th>Year</th>
<th>Recipient</th>
<th>Year</th>
<th>Recipient</th>
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<td>Allison M. Williams</td>
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<td>Martin A. Andresen</td>
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<td>Michael</td>
<td>2014</td>
<td>Matthew Schnurr</td>
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<td>2006</td>
<td>Philip Kelly</td>
<td>2015</td>
<td>Chantelle Richmond</td>
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<td>2016</td>
<td>Simon Springer</td>
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<td>2008</td>
<td>Isaac Luginaah</td>
<td>2017</td>
<td>Jennifer Silver</td>
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<td>2009</td>
<td>Jason Gilliland</td>
<td>2018</td>
<td>Jennifer Korosi</td>
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<tr>
<td>2010</td>
<td>Heather Castleden</td>
<td>2019</td>
<td>Carissa Brown</td>
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Appendix 7 / Annexe 7

The 2019 CAG Undergraduate Award Winners /
Gagnant(e)s du Prix du premier cycle de l’ACG 2019

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 universitaires à travers le Canada.

University of Alberta
University of Alberta-Augustana
Bishop's University
Brandon University
University of British Columbia
UBC - Okanagan Campus
Brock University
University of Calgary
Carleton University
Concordia University
University of the Fraser Valley
University of Guelph
Lakehead University
Laurentian University
Université Laval
University of Lethbridge
University of Manitoba
McGill University
McMaster University
Memorial University
Université de Moncton
Université de Montréal
Université du Québec à Montréal
Mount Allison University
Nipissing University
University of Northern BC
University of Ottawa
Queen's University
University of Regina
Ryerson University
Saint Mary's University
University of Saskatchewan
Simon Fraser University
Thompson Rivers University
University of Toronto-St. George
University of Toronto-Mississauga
Trent University
Trinity Western University
Vancouver Island University
University of Victoria
University of Waterloo
University of Western Ontario
Wilfrid Laurier University
University of Windsor
University of Winnipeg
York University

Claire Kroening
Jared Becher
Jonathan Shea
Taylor Fleming
no submission
Taryn White
Glen Macfarlane
Glen Harrison
Grant Nordal
Hannah Brown
Lauren Westhaver
Madeleine Arseneau
Timothy Hollinger
Amy Wheeler
Véronique Migué
Nicholas Noad
Amanda Bone
Claire Styffe
Kraig Matthews
Faith Ford
Marc-André Long
no submission
no submission
Amelia Moore
Emily Dusome
Joan Hesselgrave
Andrew Heath
Shuhong Lin
Emily Multon
Kellie Manifold
Larissa Sweeney
Michaela Sidloski
Ruslan Rydvanskiy
Claire Irvine
Matthew Bourne
Minal Waqar
Nicholas Connelly
Christopher Konrad
Stephen Hextall
no submission
James Bramwell
Jody Yu
Leah Mindorff
no submission
David Quanbury
Mandy Huynh
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, j.luedee@uwinnipeg.ca
   Co-Chair / Co-Président : Liam Kennedy-Slaney, kennedy1@myumanitoba.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@sfu.ca

5. Marine Studies and Coastal Zone Management Study Group / Groupe d'étude sur la gestion des zones maritimes et cotières
   Chair / Président: Henry L. Frew, Jr., frewh@carrickhouse.net

6. Health and Health Care Study Group / Groupe d'étude sur la santé et les soins de la santé
   Chair / Président : Elijah Bisung, elijah.bisung@queensu.ca

7. Indigenous Peoples Working Group / Groupe de travail sur les peuples autochtones
   Co-Chair / Co-Présidente : Catherine Nolin, Catherine.Nolin@unbc.ca
   Co-Chair / Co-Présidente : Gail Fondahl, gail.fondahl@unbc.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 / Président: Tarmo K. Remmel, remmelt@yorku.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-Président: 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**
    Interim Chair / Président par intérim: Jonathan Peyton,
    Jonathan.Peyton@umanitoba.ca

16. **The Urban Geography Study Group /**
    **Groupe d'étude en géographie urbaine**
    Chair / Président: Evan Cleave, ecleave2@uwo.ca