



The Canadian Association of Geographers Directory

2024

L'Annuaire de l'Association Canadienne des Géographes

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

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Canadian Association of Geographers
Association Canadienne des Géographes



Canadian Association of Geographers

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info@cag-acg.ca

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

Executive Committee 2024 Comité exécutif

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Past-President / Présidente sortante
Nathalie Gravel

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Chantal Dery (Québec)
Julie Young (Western / Ouest)
Jesse Sutton (Student / Étudiant)
Yvon Guerrier (Student / Étudiant)

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Agnieszka Leszczynski

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Social Media Coordinator / Coordinatrice des médias sociaux
Satveer Dhillon

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Geography Department Program Enrolment

Academic Year 2023-2024

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

Note: footnotes are on the following page iv.

Inscription aux départements de géographie

Année académique 2023-2024

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

Footnotes for table on page iii

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

Algoma University

Department of Geography, Geology, and Land Stewardship
Sault Ste. Marie, Ontario, P6A 2G4
705-949-2301

Website: <https://algomau.ca/academics/programs/geography-geology/>

Department Offers

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

Faculty

Professors Emeriti:

William Osei, Ph.D. (Western Ontario)

Email Address:

William.Osei@algomau.ca

Full Professor:

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

Associate Professor:

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

Nairne.Cameron@algomau.ca

Adjunct Professor(s):

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

Sessional Faculty:

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

Cheryl.Recollett@algomau.ca

¹ Department Chair

Environmental Stewardship

Dr. Rebecca Ellis, Ph.D., (Western)
Animal Geographies
Political Ecology
Kim Mihell, (Lakehead)
Environmental Studies
People and Environment

Rebecca.Ellis@algomau.ca

Kim.Mihell@algomau.ca

Bishop's University

Department of Environment and Geography
Sherbrooke, QC J1M 1Z7
(819) 822-9600 – Fax (819) 822-9661

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

Department Offers

BA Geography, BA Environmental Studies, and BSc Environmental Science Honours, major and minor programmes.

Specialization in Sustainable Agriculture and Food Systems www.ubishops.ca/SAFS

Faculty

Professors Emeriti:

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

Email Address:

dbooth@ubishops.ca
crose@ubishops.ca

Professors:

Darren Bardati ¹ , PhD (McGill)	dbardati@ubishops.ca
Sustainable agriculture and food systems	
Food and water security	
Adaptation to climate change	
Norman Jones, PhD (Waterloo)	njones@ubishops.ca
Climate change and the Quebec wine industry	
Flood hazards in southern Quebec	
Elisabeth Levac, PhD (Dalhousie)	elevac@ubishops.ca
Holocene	
Impact of air pollution on human health	
Paleoceanography, Paleoclimatology	
Pollen and allergies	
Matthew Peros ² , PhD (Ottawa)	mperos@ubishops.ca
Holocene environmental change in	
southern Quebec, eastern Canada, and the	
Caribbean Younger Dryas	
Paleoecology and dendroecology	

Assistant Professor:

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

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

² Tier II Canada Research Chair in Climate and Environmental Change

Lecturers:

Bruno Courtemanche, MSc (Sherbrooke)	bcourtem@ubishops.ca
GIS	
Limnology and oceanography	
Remote sensing and instrument design	
Jennifer Downing, M.Ed. (Bishop's)	jdowning@ubishops.ca
Sustainable agriculture and food systems	
Permaculture design	
Urban and community agriculture	

Brandon University

Department of Geography and Environment
270-18th Street, Brandon, MB R7A 6A9
(204) 727-9677 (Faculty of Science Admin. Ass't) — Fax (204) 728-7346
Website: <http://www.brandonu.ca/geography/>

Department Offers

BA or BSc Environmental Studies Concentration

BA or BSc Geomatics Concentration

BA or BSc Honours

Faculty

Professors Emeriti:

John Everitt, PhD (UC Los Angeles)
Human geography, tourism

Rod McGinn, PhD (Manitoba)
Hydrology, glacial geomorphology, meteorology

Email Address:

everitt@brandonu.ca

mcginn@brandonu.ca

Professor:

Douglas Ramsey¹, PhD (Guelph)
Agricultural restructuring
Rural community well-being
Rural tourism

ramsey@brandonu.ca

Rachel Herron², PhD (Queens)
Rural health
Aging
Dementia
Care and caregiving
Voluntarism
Gender and health

herronr@brandonu.ca

Christopher Malcolm, PhD (Victoria)
Wildlife management
Wildlife ecotourism
Human dimensions of wildlife and tourism

malcolmc@brandonu.ca

Pete Whittington³, PhD (Waterloo)
Hydrology
Wetlands
Peatlands

whittingtonp@brandonu.ca

¹ Member of the Department of Rural Development, ²Canada Research Chair, ³Chair of the Department

Associate Professors:

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

Assistant Professors:

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

Instructional Associate:

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

Adjunct Professors:

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

Brock University
Department of Geography and Tourism Studies
St. Catharines, ON L2S 3A1
(905) 688-5550, ext. 3484
Email: geogtour@brocku.ca
Website: <https://brocku.ca/geotour>

Department Offers

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

Faculty

Professor Emeritus: *Email Address:*

Hugh J. Gayler, PhD (British Columbia)
Niagara's emerging wine culture
Planning issues on the rural-urban fringe
Smart growth
Urbanisation and agricultural land preservation

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

Anthony B. Shaw, PhD (Western)
Climate change impacts, mitigation, and adaptation
Delimiting wine appellations and sub-appellations
Climatic and topographic analysis for specialty crops
Passive and active freeze protection methods for crop production
Energy efficient buildings and energy conservation
Wind resource assessment for wind power

Professors:

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

David Fennell, PhD (Western) dfennell@brocku.ca

Ecotourism	
Nature-based tourism	
Tourism ethics	
Ecotourism policy and planning	
Christopher Fullerton, PhD (Saskatchewan)	chris.fullerton@brocku.ca
Rural planning and development	
Tourism development in Niagara Region	
Ottawa's planning history	
Experiential learning in Geography and Tourism Studies	
Atsuko Hashimoto, PhD (Surrey)	ahashimoto@brocku.ca
Socio-cultural and human aspects of tourism development (especially women and children)	
Human rights issues in tourism	
Sustainable tourism development in rural areas	
Culinary tourism	
Indigenous tourism in Japan	
Anime and content tourism	
Phillip Gordon Mackintosh, PhD (Queen's)	pmackintosh@brocku.ca
Historical mobilities, including bicycling	
Public space and bourgeois culture	
Urban reform and city planning	
Victorian gender relations and fraternalism	
Historical newspapers and liberalism	
John Menzies, PhD (Edinburgh), P. Geo	jmenzies@brocku.ca
Drumlins and MSGL bedforms	
Glacial microsedimentology	
Subglacial sediments	
Past glacial environments	
Michael Pisaric ¹ , PhD (Queen's)	mpisaric@brocku.ca
Climate change impacts on northern ecosystems	
Dendrochronology	
Paleolimnology	
Biogeography	
Michael Ripmeester, PhD (Queen's)	mripmeester@brocku.ca
Geographies of popular memory	
Geography and ethnohistory	
Historical and cultural geography	
Historical geographies of First Nations in Ontario	
Dragos Simandan, PhD (Bristol)	simandan@brocku.ca
Economic geography	
Critical human geographies and Critical Urban Theory	
Health, well-being, and the politics of biomedical research	
Social Theory and philosophy of the social sciences	
Interface between geography and the cognitive sciences	
David J Telfer, PhD (Waterloo)	dtelfer@brocku.ca

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

Linkages between tourism and development theory
Tourism planning and development
Rural tourism development
Heritage tourism in Japan

Associate Professors:

Julia Baird, PhD (Saskatchewan)	jbaird@brocku.ca
Water resilience Water governance Social-ecological systems	
Jeff Boggs, PhD (UC Los Angeles)	jeff.boggs@brocku.ca
Economic geography Economic evolution of the Niagara Region Locational dynamics of industries Regional political economy Mixed methods research techniques Public policy Applied research	
David T Brown, PhD (McGill)	dbrown@brocku.ca
Digital tourism and interpretation Municipal cultural mapping Friends of Laura Secord publications, projects, and initiatives: digital interpretation, Laura Secord Legacy Trail, community infrastructure projects Trail and greenway establishment and management Sustainable integrated waste management theory and practice	
Danuta De Grosbois, PhD (Carleton)	ddegrosbois@brocku.ca
Sustainable tourism management Tourism certification Measurement of CSR performance CSR reporting in tourism industry	
David Goldblum, PhD (Colorado)	dgoldblum@brocku.ca
Biogeography Dendrochronology Dendroclimatology Forest ecology	
Kevin Turner, PhD (Wilfrid Laurier)	kturner2@brocku.ca
Climate change Northern freshwater landscapes Hydrology Spatial analysis Paleolimnology	
Ebru Ustundag, PhD (York)	eustundag@brocku.ca
Urban geography Citizenship studies Feminist geographies Geographies of sex-work	

Geographies of health and addiction
Scholarly activism

Adjunct Professors:

Jayson Childs, PhD (Wilfrid Laurier) jchild@brocku.ca

Coastal geomorphology

Aeolian geomorphology

Water resources

Geography and education

Coastal management

David Grimes, C.M. F.AMS nb_dgrimes@brocku.ca

Climatology

Climate policy

Climate change impacts on the wine and tourism industries

Water resources

David Morimoto, PhD (Western) dmorimoto@brocku.ca

Dendrochronology

Paleoecology

Climate change

Carleton University

Department of Geography and Environmental Studies
1125 Colonel By Drive, Ottawa, ON K1S 5B6
(613) 520-2561

E-Mail: Chair_Geography@carleton.ca
Website: <http://www.carleton.ca/geography>

Department Offers

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

Faculty

Distinguished Research Professor: *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

Chancellor's Distinguished Research Professor:

D. R. Fraser Taylor, PhD (Edinburgh) Fraser.Taylor@carleton.ca
International Affairs, Geography and Environmental Studies
Director, Geomatics and Cartographic Research Centre
The application of geospatial information management to the analysis of key
socio-economic problems, including children's mapping, in national,
international, Indigenous contexts and in select UN GEO and Ethic
Committees, and presentation of findings in innovative Cybergographic form
and publication

Professors Emeriti:

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

Chancellor's Professor:

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

Professors:

Patricia Ballamingie, PhD (Carleton) Patricia.Ballamingie@carleton.ca
Food policy and food systems governance

Alternative housing models	
Community-engaged scholarship	
Stephan Gruber, Dr. Sc. Nat. (Zurich)	Stephan.Gruber@carleton.ca
Permafrost and impacts of its thaw	
Cold environments at high latitude and high elevation	
Elyn Humphreys, PhD (British Columbia)	Elyn.Humphreys@carleton.ca
Biometeorology	
Carbon cycling in peatlands and Arctic tundra	
Derek Mueller, PhD (Laval)	Derek.Mueller@carleton.ca
Arctic ice shelves and ice islands	
Breakup of landfast sea ice	
Ice-ocean and ice-atmosphere interaction	
Developing open-source tools for environmental monitoring	

Associate Professors:

Emilie Cameron, PhD (Queen's)	Emilie.Cameron@carleton.ca
Critical northern geographies	
Geographies of Indigenous/non-Indigenous relations, colonialism, and geographies of resource extraction	
Indigenous self-determination	
Karen Hébert, PhD (Michigan)	Karen.Hebert@carleton.ca
Environmental politics in the subarctic North	
Resource industries and commercial fisheries	
Struggles over sustainability	
David Hugill, PhD (York)	David.Hugill@carleton.ca
Urban geography and North American cities	
Imperial and colonial urbanisms	
Urban political economy	
Pablo Mendez, PhD (British Columbia)	Pablo.Mendez@carleton.ca
Housing and metropolitan change	
Informality and urban livelihoods	
Urbanization and grassroots politics	
Koreen Millard, PhD (Carleton)	KoreenMillard@carleton.ca
Remote Sensing of environmental change	
GIS, statistics, time series analysis, machine learning classification	
Scott Mitchell, PhD (Toronto)	Scott.Mitchell@carleton.ca
Land cover and vegetation mapping in managed landscapes	
Spatial analysis of landscape pattern and environmental processes	
Impacts of climate change and extreme weather on agriculture	
Peter Pulsifer, PhD (Carleton)	Peter.Pulsifer@carleton.ca
Geographic information interoperability	
Cartography and visualization	
Inuit ecological knowledge	
Cross-cultural collaborative research methodologies and ethics	
Linking Inuit and scientific knowledge in decision-making	

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

Instructors:

Kevin Hamdan, PhD (Simon Fraser)	Kevin.Hamdan@carleton.ca
Physical geography/soil science	
Biogeography	
Climate Change	
John Milton, MA (Carleton)	John.Milton@carleton.ca
Grassroots innovation	
Technology, society and the environment	
Innovation studies	
Paul Williams, PhD (Queen's)	Paul.Williams@carleton.ca
Cultural/historical geography	

¹ Chair (July 1, 2024-June 30, 2027)

Post-industrial landscapes

Lecturer:

Meera Karunananthan, MA (Ottawa) Meera.Karunananthan3@carleton.ca

Feminist political ecology; hydro-social conflicts in the global South;
water justice movements; decolonial and anti-racist praxis

Adjunct Professors:

S. Carey, J. Chetelat, G. Crocker, A. Davidson, S. Fast, B. Harvey, B. Hipwell, J. Ives, S. Kokelj, V. Konrad, C. Levkoe, G. Ljubicic, P. Morse, P. Mount, H. McNairn, I. Naujokaitis-Lewis, M., P.Roy-Leveille J. Spence, P. Sutherland, A.Thiagarajan, A. Tivy, A. Vanderzaag, R. Waldick, S. Wolfe

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

Concordia University

Department of Geography, Planning and Environment
1455 de Maisonneuve Blvd. West, Montreal, QC H3G 1M8
(514) 848-2424 ext. 2050
Email: Geogplanenviro@concordia.ca
Website: <http://www.gpe.concordia.ca>

Department Offers

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

Faculty

<i>Distinguished Professors Emeritus:</i>	<i>Email Address:</i>
Brian Slack, PhD (McGill) Transport geography with a focus on maritime transportation Port planning and container shipping	brian.slack@concordia.ca
Patricia A. Thornton, PhD (Aberdeen) Population geography Historical Geography of 19th Century Montreal Mortality as an indicator of social and environmental justice	patricia.thornton@concordia.ca
<i>Emeritus Professors:</i>	
S. Robert Aiken, PhD (Penn State) Tropical deforestation Cultural geography Developing country environmental issues	robert.aiken@concordia.ca
Jacqueline M. Anderson, PhD (Wisconsin) Cartographic visualization and design Map user abilities Map skills education	jackie.anderson@concordia.ca
Max Barlow, PhD (McGill) Metropolitan governance Political geography	geogplanenviro@concordia.ca
Alan E. Nash, PhD (Cambridge) Cultural geography Restaurants in Montreal Gravestones in Iceland and the Caribbean	alan.nash@concordia.ca
Leonard Sklar, PhD (California, Berkeley) Fluvial, Hillslope, and Tectonic Geomorphology Engineering Geology	leonard.sklar@concordia.ca

Hydrology
Ecosystem Restoration

Professors:

Pascale Biron, PhD (Montréal)	pascale.biron@concordia.ca
Hydro-geomorphology and river dynamics, River management in agricultural watersheds Geographical Information Systems Morpho-dynamic numerical modelling Stream restoration for fish habitat	
Sébastien Caquard, PhD (Saint-Etienne)	sebastien.caquard@concordia.ca
Mapping narratives Geomedia and the geoweb Geographic information systems	
Damon Matthews, PhD (Victoria)	damon.matthews@concordia.ca
Climate change Global climate modelling	
Monica E. Mulrennan, PhD (Dublin)	monica.mulrennan@concordia.ca
Indigenous resource management Community-based conservation Local adaptation to environmental change Protected areas	
Norma Rantisi, PhD (Toronto)	norma.rantisi@concordia.ca
Industrial restructuring Social economy Workforce development Hydro-geomorphology and fluvial dynamics	

Associate Professors:

Bengi Akbulut PhD (Massachusetts, Amherst)	bengi.akbulut@concordia.ca
Ecological economics Political ecology Political economy of development Feminist economics	
Silvano De la Llata, PhD (Cornell)	silvano.delallata@concordia.ca
Public space Participatory community planning Urban design Social movements and the right to the city Urban sociology Open-source urban systems Planning history Urban acupuncture Urban spatial theory and subaltern urbanisms	
Pierre Gauthier, PhD (McGill)	pierre.gauthier@concordia.ca
Urban morphogenesis History of development and planning practices in Quebec	

Impact of normative planning theories on urban form

Transportation infrastructure and the quality of urban form

Kevin Gould, PhD (British Columbia) kevin.gould@concordia.ca

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

Nalini Mohabir, PhD (Leeds) nalini.mohabir@concordia.ca

Postcolonial Geographies (regional focus: Caribbean)

Decolonization

Diaspora

Urbanization in China

Ted Rutland, PhD (British Columbia) ted.rutland@concordia.ca

History of urban planning, housing, and policing

Race and racialization

Urban political economy

Jeannine Marie St-Jacques PhD (Queens) jeanninemarie.st-jacques@concordia.ca

Global environmental change

Dendroclimatology

Palynology and paleolimnology

Climate models

Hydroclimatology

Craig Townsend, PhD (Murdoch) craig.townsend@concordia.ca

Transportation policy, projects and politics,
particularly in relation to public transit

Urban planning in the developing world

Sarah Turner, PhD (Calgary) sarah.turner@concordia.ca

Primate behavioural ecology and conservation

Animal responses to human-induced environmental change

Primate mother-infant interactions

Animals and disability

Assistant Professors:

Martin Danyluk, PhD (Toronto) martin.danyluk@concordia.ca

Infrastructure

Housing

Logistics

Intersecting forms of inequality in cities

Ghaffari, Leila, PhD (OQAM-Tours) leila.ghaffari@concordia.ca

Neighborhood transformation

Gentrification

Territorial inequalities	
Housing policies	
Social aspects of urban spaces	
Angela Kross, PhD (McGill)	angela.kross@concordia.ca
Geospatial technologies	
Ecosystem processes and their controls	
Alexandra Lesnikowski, PhD (McGill)	alexandra.lesnikowski@concordia.ca
Climate change adaptation,	
Adaptation governance	
Adaptation policy analysis	
Comparative policy analysis	
Urban and regional planning	
Systematic evidence synthesis	

Affiliate Professors:

Jennifer Garard, PhD (Technische Universität Berlin)	jennifer.garard@concordia.ca
Sustainability in the digital age	
Future earth	
Jennifer Gobby, PhD (McGill)	jengobby@gmail.com
Environmental and climate justice	
Social movements	
Social transformation	
Settler-Indigenous relations	
Amy Luers, PhD (Stanford)	amyluers@microsoft.com
Global Sustainability	
Climate & Resilience	
Big Data & AI	
Elise Olmedo, PhD (Paris 1 Panthéon Sorbonne)	elise.olmedo@concordia.ca
Sensibility mapping	
Mapping life stories	
Julie Podmore, PhD (McGill)	jpodmore@johnabbott.qc.ca
Lesbian historical geographies	
Feminist geography	
Comparative queer urbanism	
LGBT neighbourhood studies	
LGBT youth and generational studies	

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

Department Offers¹

- *Minor in Geography* jointly administered by the Faculty of Architecture and Planning, Faculty of Science and Faculty of Arts and Social Sciences. The Geography Minor program at Dalhousie University gives students a foundation in human and physical geography and cartography with elective courses spanning multiple programs, departments and Faculties, including Earth and Environmental Sciences, Sociology and Anthropology, International Development, Planning, History, and Sustainability. The minor is available to students registered in an existing 120 credit hour Bachelor's program
- *Certificate in Geographic Information Systems (GIS)* provides training and experience in GIS as part of an undergraduate degree. Requires the completion of GIS related resources and a pre-approved research project. Students can register for the GIS Certificate in second year.
- *Courses in Geography* as electives in the BCD, BA and BSc degree programs, cross-listed with courses in contributing departments from Faculties of Architecture & Planning, Science, Arts and Social Sciences. Research and teaching collaborations exist between these faculties plus the Faculties of Computer Science, Health, Law, Management, Medicine and the University Libraries.

Website:

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

Faculty of Architecture and Planning

Professors:

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

Professors, Retired (adjunct):

Patricia Manuel, PhD (Dalhousie) patricia.manuel@dal.ca
School of Planning, and Marine Affairs Program (Faculty of Science),

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

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

Associate Professors:

- Eric Rapaport, PhD (RIT, Stockholm) eric.rapaport@dal.ca
School of Planning
Climate change adaptation planning; environmental and land use change using spatial analysis technology; visualization for planning applications; sustainable infrastructure planning; multiple criteria evaluation in environmental planning
- Chad Walker, PhD (Western University) chad.walker@dal.ca
School of Planning and School for Resource & Environmental Studies
Climate change; energy transitions; renewable energy; smart grids; energy policy; energy justice; Indigenous sovereignty; geography; mixed methods

Instructors:

- Kate Thompson, MPS (Dalhousie) kate.thompson@dal.ca
School of Planning
Environmental planning; place-based learning; urban planning; urban environmental planning policy

Faculty of Arts and Social Sciences

Professors:

- Matthew Schnurr, PhD (British Columbia) matthew.schnurr@dal.ca
Department of International Development Studies
Environmental geography; political ecology; agricultural technology; farmer decision-making; historical geography; environmental security and conflict
- Kate Swanson, PhD (Toronto) kate.swanson@dal.ca
Department of International Development Studies
Migration, asylum and refugees; Latin America & U.S./Mexico border; urban geography; children and youth; feminist geography

Associate Professors:

- Robert Huish, PhD (Simon Fraser) huish@dal.ca
Department of International Development Studies
Geographies of development; geographies of health and health care; sport and geography; activism; experiential learning
- Martha Radice, PhD (INRS) martha.radice@dal.ca
Department of Sociology and Social Anthropology
Urban anthropology; anthropology of space/place; public space; public art; public culture; interethnic relations; neighbourhood change; cosmopolitanism; Quebec; Canada; New Orleans

Faculty of Health

Professors:

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

Faculty of Medicine

Lecturer:

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

Faculty of Science

Professor Emeriti:

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

Professors:

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

Visual Methods
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

Associate Professors:

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

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

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

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

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

Brandon Heung, PhD (Simon Fraser University) brandon.heung@dal.ca
Department of Plant, Food, and Environmental Sciences, Faculty of Agriculture
Soil geography; soil survey; pedometrics; digital soil mapping; remote sensing; machine learning; geographical information systems; spatial statistics; spatial modelling.

Assistant Professors:

Hannah L. Harrison, PhD (Norwegian University of Life Sciences) hannah.harrison@dal.ca
Marine Affairs Program
Human dimensions of fisheries; salmonid conservation stocking and hatcheries; environmental conflicts; local seafood sovereignty and access; coastal access.

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

Senior Instructors:

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

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

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

Instructors:

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

Department of Earth and Environmental Sciences

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

Sessional/Adjunct Instructors:

Peter Bush, PhD (Western Ontario) peter.bush@dal.ca

School for Resource and Environmental Studies

Landscape Ecology; old growth forests; geomatics; protected areas

GIS Centre, University Libraries

Lecturers:

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

Department of Earth and Environmental Sciences; School of Planning; Marine Affairs Program

Geospatial information management; geosurveillance; volunteered geographic information; GIScience; GIS

Kwantlen Polytechnic University

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

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

Department Offers

Bachelor of Arts, Major in Applied Geography

Bachelor of Arts, Minor in Geography

Associate of Arts, Geography

Faculty	Email Address:
Johannes Koch, PhD (Simon Fraser) Glacier history, geomorphology, dendrochronology, climate change, tree line fluctuations	joe.koch@kpu.ca
Parthiphan Krishnan, PhD (Reading) GIS applications in social area analysis, with foci in urban agriculture, emergency planning and social services	parthiphan.krishnan@kpu.ca
John Martin, MSc (Simon Fraser) Surface/subsurface hydrology, water chemistry of lakes and wetlands	john.martin@kpu.ca
Mungandi Nasitwitwi, MSc (Simon Fraser) Air pollution and climate change	mungandi.nasitwitwi@kpu.ca
Dola Pradhan, PhD (Victoria) Natural resource management, Coastal aquaculture in India	dola.pradhan@kpu.ca
John Rose, PhD (British Columbia) Suburban residential/commercial redevelopment and social displacement	john.rose@kpu.ca
David Sadoway, PhD (Hong Kong) Asian urbanism; civic environmentalism; urban infrastructure and technologies and community informatics	david.sadoway@kpu.ca

Lakehead University

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

Email: geography@lakeheadu.ca

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

Department Offers

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

Faculty - Thunder Bay Campus

<i>Professors Emeriti:</i>	<i>Email Address:</i>
Robert S. Dilley, PhD (McMaster) Changes in the use of common lands in northern England since 1700 Weather in the novels of Arthur Ransome	Robert.Dilley@lakeheadu.ca
David D. Kemp, PhD (Edinburgh) 19th and 20th century climate change in Northwestern Ontario Global environmental issues Weather, climate and the fur trade	David.Kemp@lakeheadu.ca
Brian J. Lorch, PhD (Queen's) Big-box retail landscapes Reconfiguration of Canadian regional shopping centres	Brian.Lorch@lakeheadu.ca
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	brianph@shaw.ca
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, stereoscopic visualizations for urban planning & other applications	Brad.Wilson@lakeheadu.ca

Professor:

Todd A. Randall ¹ , PhD (McMaster)	Todd.Randall@lakeheadu.ca
Attitudes towards urban intensification and diversification	
Impacts of demographic changes on land use in Northern urban areas	
Neighbourhood-scale evaluation of urban sustainability	

¹ Dean, Faculty of Science and Environmental Studies

Urban planning applications of GIS

Associate Professors:

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

Adjunct Professors:

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

Faculty - Orillia Campus

Associate Professors:

Florin Pendea, PhD (McGill)	ifpendea@lakeheadu.ca
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² Chair (Faculty information as of July 1, 2021)

³ Cross-appointed with Anthropology

Rosario Turvey, PhD (Waterloo)

rturvey@lakeheadu.ca

Assistant Professor (Non-Tenure Track):

Reginald Horne, PhD (Lancaster, UK)

reg.horne@lakeheadu.ca

Social and economic life in industrial Orillia 1870-1940

Social and health Issues in Simcoe County

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

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

Department Offers

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

Faculty

<i>Professors Emeriti:</i>	<i>Email Address:</i>
Tim Moore, PhD (Aberdeen) 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	tim.moore@mcgill.ca
Sherry Olson, PhD (John Hopkins) A GIS platform for studying the 19th-century city Public health issues in Montreal 1880 and today Work environments in the 19th-century city	sherry.olson@geog.mcgill.ca
Wayne Pollard, PhD (Ottawa) 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	wayne.pollard@mcgill.ca
George Wenzel, PhD (McGill) 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	george.wenzel@mcgill.ca

Professors:

Gail Chmura, PhD (Louisiana State) Wetland dynamics	gail.chmura@geog.mcgill.ca
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Biogeochemistry of tidal wetlands: particularly blue carbon (the carbon stored in salt marshes and mangroves) and greenhouse gas flux

Paleo-environmental reconstruction, particularly of coastal systems

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

Oliver Coomes, PhD (Wisconsin-Madison) oliver.coomes@mcgill.ca

Floodplain agriculture and flood risk along Amazonian rivers

Peasant adaptation to abrupt environmental change

Poverty, livelihoods, and resource conservation in neotropical forests

Seed exchange among peasant farmers in Amazonia

Nigel Roulet¹, PhD (McMaster) nigel.roulet@mcgill.ca

Eco hydrology and biogeochemistry of forested and wetlands ecosystems

The carbon biogeochemistry of production peatlands and the use of peat

Large -scale peatland dynamics: Hudson Bay Lowland

Modelling of the development, vegetation dynamics, and carbon and nitrogen cycles of northern peatlands in natural and restored settings

Peatlands as complex adaptive systems: patterns and process through time and over space

Sarah Turner, PhD (Hull) turner@geog.mcgill.ca

Livelihoods in upland Southeast Asia and southwest China

Ethnic minority groups in the Sino-Vietnamese borderlands

Informal trade in urban Southeast Asia

Upland small cities and migration in Asia

Jon Unruh, PhD (Arizona) jon.unruh@mcgill.ca

Carbon sequestration in woody biomass projects, Africa

Change in resource use process and pattern of pastoralists in East Africa

Customary, indigenous, traditional land law

Environmental change and land rights

Food security and famine, Africa

Legal geography and the intersection of statutory and customary law

Migration and environmental change

Postwar land and property rights

Small-scale agriculture in the developing world

The peace process in the developing world

Associate Professors:

Genevieve Ali, PhD (University of Montreal) genevieve.ali@mcgill.ca

Watershed hydrology and ecohydrology

Landscape controls on runoff generation and water and contaminant connectivity

Water-tracing studies

Complex forested and agricultural systems

Environmental modelling

Sebastien Breau, PhD (UC Los Angeles) sebastien.breau@mcgill.ca

Economic geography

Spatial dimensions of inequality

Regional development

Quantitative methods

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

Quantitative and mixed methods

- Brian Robinson, PhD (Wisconsin-Madison) brian.e.robinson@mcgill.ca
Environment and development, institutions, ecosystem services, livelihoods,
spatial interactions between people and resources, China
- Raja Sengupta, PhD raja.sengupta@mcgill.ca
(Southern Illinois University-Carbondale)
GIS, Geographic Information Science (GISci), Spatial Decision Support Systems,
(SDSS), software agents, application to spatial epidemiology, payments for
environmental services, and water management
- Renée Sieber, PhD (Rutgers) renee.sieber@mcgill.ca
GeoAI and public participation, GeoAI Ethics
Geospatial ontologies in indigenous communities
Public participation Geographic information Systems (GIS)/participatory GIS in
marginalized communities, community based organizations,
environmental/conversation movements, and social movement groups
Natural language processing and social media in climate change and
meteorology
Citizen Science

Assistant Professors:

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

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

Social determinants of health

Christian von Sperber, PhD (ETH Zurich) chris.vonsperber@mcgill.ca

Biogeochemical cycling of phosphorus and nitrogen in soils

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

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

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

School Offers

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

Faculty

<i>Professors:</i>	<i>Email Address:</i>
Mohammed Altaf Arain, PhD (Arizona) Air pollution, climatology Evapotranspiration Forest carbon and water cycles Global climate models Hydrometeorology and biometeorology	arainm@mcmaster.ca
Janok Bhattacharya ¹ , PhD (McMaster) 3D facies architecture of shallow marine Paralic, fluvial depositional systems Sequence stratigraphy	bhattaj@mcmaster.ca
Sean Carey, PhD (McMaster) Cold regions Hydrology, biometeorology Landscape disturbance Reclamation	careysk@mcmaster.ca
Paulin Coulibaly, PhD (Laval) Climate variability Hydroclimatic modelling and forecasting Hydrology, hydrologic data assimilation, water resource	couliba@mcmaster.ca
Sang-Tae Kim, PhD (McGill University) Biomineralization Chemical Oceanography Cosmochemistry Experimental Geochemistry Marine and Aqueous Geochemistry Paleoclimatology	sangtae@mcmaster.ca

¹ Director

*Geographer

Stable Isotope Geochemistry	
Kenneth Bruce Newbold, PhD (McMaster)	newbold@mcmaster.ca
Aging issues	
Immigration: settlement, adjustment, and health	
Internal migration in Canada and the United States	
Mobility and transportation	
Hector Antonio Paez*, PhD (Japan)	paezha@mcmaster.ca
Health geography	
Spatial data analysis and statistics	
Transportation modelling	
Eduard G. Reinhardt ² , PhD (Carleton)	ereinhar@mcmaster.ca
Catastrophic event stratigraphy	
Geoarchaeology	
Geographic information systems	
Isotope geochemistry	
Marine archaeology	
Micropaleontology (foraminifera)	
Quaternary geology	
Paleoenvironmental analysis	
Darren M. Scott*, PhD (McMaster)	scottdm@mcmaster.ca
Active travel and sustainable transportation	
Activity-based approaches to travel analysis and modeling	
Built environment	
Geographic info systems for transportation (GIS-T)	
Gregory F. Slater, PhD (Toronto)	gslater@mcmaster.ca
Astrobiology, Geobiology	
Biodegradation and bioremediation	
Contaminant hydrogeology	
Environmental and Organic Geochemistry	
Stable isotope Geochemistry	
James E. Smith, PhD (Waterloo)	smithja@mcmaster.ca
Multiphase flow through porous media	
Soil physics and hydrogeology	
Vadose zone hydrology	
Water flow and contaminant transport in the subsurface	
James Michael Waddington, PhD (York)	wadding@mcmaster.ca
Climate change and hydrology	
Peatlands, drought, wildfire, groundwater	
Watershed ecohydrology	
Allison Williams*, PhD (York)	awill@mcmaster.ca
Therapeutic landscapes	
Informal/family caregiving	
Home/community health care	

² Associate Director, Graduate

*Geographer

Urban health/quality of life

Health determinants

Women's health

Sense of place

Rural health/care

Health care services/policy

Program planning and evaluation

Robert D. Wilton*, PhD (Southern California)

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Geographies of addiction and mental health

Geographies of disability

Social geographies of exclusion

Associate Professors:

Joseph I. Boyce, PhD (Toronto)

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Climate and paleoenvironmental reconstruction using magnetic proxies

Environmental (near-surface) Geophysics

Environmental magnetism

Paleomagnetism

Abel Chikanda*, PhD (Western)

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Africa

Diasporas

Food Security

Immigrant Integration

Informal Sector

Migration and Development

Urban Poverty

Gita Ljubicic*, PhD (Toronto)

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Community-engaged research for northern sustainability

Human dimensions of environmental change

Indigenous knowledge

Inuit Nunangat (Inuit homelands)

Northern governance and co-management

Cross-cultural research ethics and methodologies

Suzanne Mills*, PhD (Saskatchewan)

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Aboriginal identity and work in natural resource, labour and the environment

Construction trades unions

Equity and unions

Gender

Maureen Padden, PhD (Tech Ins. Zurich)

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Paleoceanography and paleoclimatology

Sedimentary geology

Stable isotope geochemistry

Teaching and learning environments

*Geographer

Alexander Peace, PhD (Durham)	peacea2@mcmaster.ca
Structural geology	
Tectonic processes	
Applied geophysics	
Field geology	
Magmatism	
Seismic hazards	
Niko Yiannakoulias*, PhD (Alberta)	yiannan@mcmaster.ca
Agent-based modelling	
Crime geomatics	
Cluster detection methods and theory	
Child health	
Injury epidemiology	
Medical geography	
<i>Assistant Professors:</i>	
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Urban and economic geography	
Geographies of globalization	
Social and cultural geography	
Socio-economic dynamics of cities	
Food access, inequality and urban life	
Luc Bernier, PhD (McMaster)	berniejm@mcmaster.ca
Biological controls on climate change	
Environmental geochemistry of redox sensitive elements	
Geomicrobiology, Virology	
Global biogeochemical cycles	
Alemu Gonsamo, PhD, (Helsinki)	gonsamoa@mcmaster.ca
Remote Sensing of Vegetation	
Phenology	
Global Change Ecology	
Terrestrial Carbon Cycle	
Climate Change Impact	
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Changing social geographies of Canadian cities	
Pedagogical studies including the assessment of the effectiveness of teaching and learning methods	
Philosophies of teaching	
Teaching and learning environments	
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Climate, Water and Sustainability	
Critical identity, ethnic, and race studies	
Diaspora	

³ Associate Director, Undergraduate

*Geographer

Environmental geography	
Field Education	
Geology	
Marginalized Groups	
Physical geography and environmental science	
Immigration	
Social and cultural geography	
Elli Papangelakis, PhD (Waterloo)	papangee@mcmaster.ca
Fluvial geomorphology	
Sediment transport	
River restoration	
Urban river management	
Léa Ravensbergen*, PhD (Toronto)	ravensbl@mcmaster.ca
Transport research	
Sustainable transport systems	
Qualitative and Quantitative methods to uncover barriers to walking, cycling and	
Public transportation	
Gender-equity in active travel and age-friendly transport planning	

Professors Emeriti:

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Roger G. Walker, DPhil (Oxford) F.R.S.C.	walkerrg@cadvision.com
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*Geographer

Adjunct Professors:

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Jiaxin Chen, PhD (Leeds Beckett)
Dominique Henri, PhD (Oxford)
Myroslova Khomik, PhD (McMaster)
Peter Kitchen*, PhD (McMaster)
Kurt Kornelsen, PhD (McMaster)
Charlotte MacAlister, PhD (Newcastle)
Mir Matin, PhD (New Brunswick)
Chris McLaughlin, PhD (McMaster)
Nidhi Nagabhatla, PhD (Pune, India)
Duminda Perera, PhD (Kyushu)
Grace Oluwasanya, PhD (Cranfield)
Duminda Perera, PhD (Kyushu)
Matthew Peros*, PhD (Toronto)
Manzoor Qadir, PhD (Faisalabad)
Dominique Rissolo, PhD (California)
Bharati Sethi*, PhD (Wilfred Laurier)
Matthias Sweet, PhD (McMaster)
Lina Taing, PhD (Cape Town)
Louis-Paul Tardif*, PhD (Ottawa)
Hernan Ugalde, PhD (Toronto)
Shusen Wang, PhD (Alberta)
Kate Whalen, PhD (McMaster)

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Department Offers

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

Faculty

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Chesley Sanger, PhD (Dundee)
Christopher Sharpe, PhD (Toronto)

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John Jacobs, PhD (Colorado)
Keith Storey, PhD (Western Ontario)
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Professors:

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Ratana Chuenpagdee, PhD, (British Columbia)
Evan Edinger, PhD (McMaster)
Joel Finnis, PhD (Colorado)
Arn Keeling¹, PhD (British Columbia)
Josh Lepawsky, PhD (Kentucky)
Max Liboiron, PhD (New York University)
Charles Mather, PhD (Queen's)
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Associate Professors:

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¹ Department Head

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Term Appointments:

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Kathleen Robert, PhD (Southampton) katleen.robert@mi.mun.ca
Joseph Daraio, PhD (Iowa) jadaraio@mun.ca

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Chris Cogan PhD (PhD Univ. of California) ccogan@mun.ca
Gerald Singh PhD (British Columbia) geralds@mun.ca
Ian Turnbull, PhD (Chicago) ian.turnbull@card-arctic.ca

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Paul McCarney pmmcarney@yukonu.ca
Edgar Becerril-Garcia edgarbg@mun.ca
Sara Kahanamoku-Meyer sara.kahanamoku@hawaii.edu

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Department Offers

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

Faculty

<i>Professors Emeritus:</i>	<i>Email Address:</i>
David J. Mossman, PhD (Otago)	dmoossman@mta.ca
<i>Professors:</i>	
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Brad Walters ¹ , PhD (Rutgers) Human ecology Mangrove forests and people Tropical deforestation and land use change Climate change politics and policy Research methodology in human ecology	bwalters@mta.ca
<i>Associate Professors:</i>	
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David Lieske, PhD (Calgary) Species distribution modelling Biodiversity monitoring and conservation Environmental hazard and risk assessment Geographic Information Systems	dlieske@mta.ca

¹ Geography and Environment Department Head and Coordinator, Environmental Studies

Geovisualization

Tim Reiffenstein, PhD (Simon Fraser)
Japan
Cultural industries
Ramen geographies

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Assistant Professors:

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

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Instructors:

Ben Phillips, MSc (Mount Allison)
Climate change
Acadian forest disturbance history
Dendrochronology
Dendroarchaeology

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Lab Instructors/Technicians:

Chris Kelly, MSc (Tokyo Metropolitan)
Geomorphology
Alluvial fan development

ckelly@mta.ca

Christina Tardif (NBCC)
Geographic Information Systems
Spatial Analysis
Cartography

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

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Zoe Finkel, PhD (Rutgers)
Biological oceanography
Climate change
Macroecology and macroevolution
Phytoplankton eco-physiology

zfinkel@mta.ca

Andrew Labaj, PhD (Queen's)
Palaeolimnology / limnology
Microplastic pollution

alabaj@mta.ca

Freshwater ecosystems

Branaavan Sivarajah, PhD (Queens)

Palaeolimnology / limnology

Heavy metal pollution of freshwater

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

Department Offers

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

Faculty

Professors:

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

Email Address:

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Associate Professors:

Pam MacQuarrie, MSc (Calgary), ADGIS (COGS)
Cartography and GIS analysis
Weather and Climate

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Senior Lecturer:

Ademola Omoegun, PhD (Cardiff)
Urban Geography, Economic Geography
Political Geography, Cultural Geography

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Sessional Instructors:

Dana Naldrett
Susan Reid

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Department Offers

BA Geography, BA Environmental Geography, BSc Environment and Physical Geography; BSc Biology, BSc Biology and Technology; Certificates in Geomatics, Environmental Management, Forest Resource Management and Conservation; Postbaccalaureate in Environment and Sustainability; Interdisciplinary graduate degrees: MES in Environmental Studies and MSc in Environmental Sciences.

Faculty

Professors Emeriti:

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

Professors:

Jeff Dech, PhD (Western)	<i>Email Address:</i>
Forest and community ecology	jeffreyd@nipissingu.ca
Dendrochronology	
Ecological modeling	
Silviculture	
April James ¹ , PhD (McGill)	<i>Email Address:</i>
Watershed and isotope hydrology	aprilj@nipissingu.ca
Hydrological modeling	
Mukund Jha, PhD (Saskatchewan)	<i>Email Address:</i>
Chemical synthesis	mukundj@nipissingu.ca
Green and medicinal chemistry	
John M. Kovacs, PhD (Western)	<i>Email Address:</i>
Remote sensing of wetlands and agriculture	johnmk@nipissingu.ca
Dan Walters ² , PhD (Western)	<i>Email Address:</i>
Agriculture	danw@nipissingu.ca
Harmful algal blooms	
Water governance	

¹ Chair (Faculty information as of July 1, 2024)

² Associate Dean of Graduate Studies

Associate Professors:

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Health geography and GIS	
Air pollution and modeling	
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Environmental history	
Historical geography	
Stephen Kariuki, PhD (Ohio)	stephenk@nipissingu.ca
Hydrometallurgy	
Sean O'Hagan, PhD (Western)	seano@nipissingu.ca
Corporate and economic geography	
Reeham Mirza, PhD (Saskatchewan)	reehanm@nipissingu.ca
Ichthyology	
Peter Nosko, PhD (Alberta)	petern@nipissingu.ca
Forest regeneration ecology	
Tree-herbivore interactions	
Tony Parks, PhD (Guelph)	tonyp@nipissingu.ca
Biochemical Genetics	
Drosophila models of human disease	

Assistant Professors:

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Highly variable environments	
Rural livelihoods	
Ewa Dokis, PhD (Waterloo)	ewac@nipissingu.ca
Ethnobotany	
Colin P.R. McCarter ⁴ , PhD (Waterloo)	colinmcc@nipissingu.ca
Ecohydrology and mercury transport	
Peatlands and disturbances	

Instructors:

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Mary Jackson, BEd (Nipissing)	maryj@nipissingu.ca
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Faculty

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Colonialism and imperialism
The map and society
Geographies of Chocolate

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Urban

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Labour geography

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Housing
Racism
Human rights
Feminism
Immigration
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Pedro de Alvarado and the Illusive Conquest of Peru	
Indigenous survival in Latin America	
Historical Geography of Spanish Central America	
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Governance and policy	
Human resources	
Mapping and charting	
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Urban	
Public policy	
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Cultural	
Heritage studies	
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Multiculturalism, cities and planning for diversity	
Urban development and planning in the Global South	
Social and cultural developments in Pakistan	
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The World Bank and neoliberalism in Africa and the Caribbean	
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Urban spatial structure	
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Urban economy	
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Professors:

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Geographies of colonialism	
Historical geographies of nature and science	
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Change detection	

Remote sensing image analysis	
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Economic geography	
Urban governance	
Cultural economies of food and food systems planning	
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Suburbs in Canada, Australia and USA	
Planning history, especially Ottawa	
Capital cities	
Urban redevelopment, especially waterfronts	
Community design	
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Biogeochemistry of cold environments	
Hydrology	
Carbon and nutrient cycling in alpine and arctic catchments	
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Forests and energy	
Bioenergy and biofuel technology	
Regional energy systems	
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Feminist political economy and Social reproduction,	
Decolonial/Anti-colonial geographies	
Labour geographies	
Racial capitalism	
Diaspora governance, Caribbean	
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Aging across Canada	
Geographies of voluntarism	
Health and medical geography	
Public policy	
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Biophysical remote sensing of Arctic and boreal environments	
Environmental monitoring using satellite optical and synthetic aperture radar (SAR) data	
Airborne laser scanning for forestry	

Associate Professors:

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Travel behaviour of Generation Y	
Determinants of changes in urban spatial structure	
Promoting public transit in midsize Canadian cities	

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² Canada Research Chair

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Multi-spectral imaging (reflected UV and IR; UV/IR fluorescence)	
X-ray fluorescence	
Historic air photos	
Unmanned aerial vehicles	
Geohazards and geotechnics	
Computed tomography	
Art conservation science	
Syriac	
Ecclesiastical politics and geography in late antiquity	
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Treaty rights, negotiations, and implementation	
Indigenous-Settler reconciliation	
Social-environmental justice and health equity	
Decolonizing, Indigenous, and participatory methodologies	
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Healthy community planning	
Healthy built environments	
Sustainable mobility	
Complete communities	
Public goods	
Local governance and activism	
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Biodiversity conservation	
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Ecosystem-based management	
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Regional governance	
Urban-rural fringe	
Urban planning and development in China	
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Greenhouse gas dynamics in temperate and arctic ecosystems	
Land-use change	
Watershed dynamics	
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Surface-atmosphere interactions influenced by management and human-induced modification of ecosystems

Trace gas exchanges

Wetland ecosystems

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Assistant Professors:

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Neoliberal urbanism

Gender and urban planning

Postcolonial urbanism

Cultural geography

Youth geographies

Emotional geographies

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Environmental issues in buildings and land

Conflict management and public consultation in real estate planning

Real estate decision-making and investment strategy

Transportation infrastructure development and public-private collaboration

Rachael Baker (She/They), PhD (York)

rachael.baker@queensu.ca

Critical race feminisms

Insurgent and activist planning

Housing inequality and struggle

Reflexive and redistributive praxis

Decolonial and anti-racist futures

Qualitative feminist methods

Dan Cohen, PhD (UBC)

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Political economy

Markets and marketization

Geographies of education

Urban public policy

Finance

Kesha Fevrier, PhD (York)

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Black Geographies and Ecologies

Environmental Justice

Geographies of Waste

Global Environmental Politics

Informal work and labour markets

Maxwell Hartt, PhD (Waterloo)

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Shrinking cities
Economic decline
Demographic change
Aging
Age-friendly communities
Economic resilience

Christopher Omelon, PhD (Toronto)

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Microbial/aqueous geochemistry
Geomicrobiology
Hydrogeology
Microbialites
Endolithic habitats
Polar landscapes
Climate change

Carolyn Prouse, PhD (UBC)

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Anticolonial urbanism
Social reproduction
Political ecology
Critical race feminism
Bioeconomies
Infrastructure

Mark Stoller, PhD (UBC)

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Historical and political geographies of northern Canada

Youth research
Land claims
Nunavut and Northwest Territories

Laura Thomson, PhD (Ottawa)

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

Robert G. Way, PhD (Ottawa)

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Physical geography
Climatology
Northern studies
Cryospheric sciences
Geophysics
Numerical modelling
Remote sensing

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Website: <https://www.smu.ca/geography/index.html>

Department Offers

BA, BSc, MA in Geography; BES in Environmental Studies; and contributes courses and thesis supervision in Masters in Applied Science, Masters in Atlantic Canada Studies, PhD in Applied Science and PhD in IDS programs.

Faculty

Professors Emeriti:

Robert J. McCalla, PhD (Hull)

Hugh Millward, PhD (Western Ontario)

Email Address:

Professors:

Catherine Conrad, PhD (Wilfrid Laurier)

cconrad@smu.ca

West Africa: Irregular migration

Climate change and environmental migration

Perceptions of climate change and environmental change

Philip Giles¹, PhD (Calgary)

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Morphology of alluvial fans

Morphometric analysis of digital elevation models

Analysis of remotely-sensed images for geomorphological interpretation

Cristian Suteanu, PhD (Bucharest)

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

Epistemological aspects of our relations with the environment

Future education towards sustainability

Danika van Proosdij, PhD (Guelph)

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Coastal climate change vulnerability assessment and adaptation

Coastal geomorphology and morphodynamics

Natural Infrastructure

Saltmarsh biophysical processes

Geomatics and remotely piloted aircraft systems

¹ Chairperson

Associate Professors:

Jason Grek-Martin, PhD (Queen's)	jason.grekmartin@smu.ca
Sites of difficult heritage and contested memoryscapes	
Historical and cultural geographies of tourism in Nova Scotia and beyond	
Nature, place, and meaning in Halifax parks	
Survey science and statecraft in the 19 th -century Canadian West	
Min-Jung Kwak, PhD (British Columbia)	min-jung.kwak@smu.ca
Globalization and transnational migration	
International education industry	
Immigrant entrepreneurship	
Immigrant health care services	
Mathew Novak, PhD (Western Ontario)	m.novak@smu.ca
Urban planning and development	
Retail geography	
The built environment/urban morphology	

Adjunct Professors:

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Landscape ecology	
Old-growth forests	
Geomatics	
Protected areas	
Karen Harper, PhD (Alberta)	karen.harper@smu.ca
Plant biogeography	
Forest edges	
Landscape heterogeneity	
Spatial pattern analysis	
Khan Rahaman, PhD (Tokyo; Calgary)	khan.rahaman@smu.ca
Climate change modeling, impacts, and vulnerability assessment	
Application of GIS and remote sensing in local warming modeling, disaster impacts and management	
Environmental management, sustainability, and urban health	
Urban built environment, pedestrianization, and non-motorized transportation planning	
HM Tuihedur Rahman, PhD (McGill)	hm.rahaman@mail.mcgill.ca
Climate vulnerability and adaptation	
Sustainable natural resource management	
Nature-based solutions	
Sustainable rural development	

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Department Offers

BA, BSc, BEnv, MA, MSc, PhD

Faculty

Professors Emeriti:

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

Retired:

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

Professors:

Email Address:

Nicholas Blomley ¹ , PhD (Bristol)	blomley@sfu.ca
Law	
Space and power	
Property and space	
Tracy Brennand, PhD (Alberta)	tabrenna@sfu.ca
Application of shallow geophysical surveys to geomorphic problems	
Glacial geomorphology and sedimentology	
Paleoenvironmental change	
Paleoglaciology	
Paleohydrology	
Quaternary environments	
Valorie Crooks ² , PhD (McMaster)	crooks@sfu.ca
Disability and chronic illness	
Medical tourism	
Palliative health and social care	
Primary health care	
Suzana Dragicevic, PhD (Montreal)	suzanad@sfu.ca
GIS and GIScience	
Modeling complex spatial dynamic systems	
GeoSimulation, Geo-AI and soft computing	
Modeling land use and land cover changes	

¹Department Chair / ²Associate VP Research

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

Associate Professors:

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

³ Special Advisor to the AVP Learning & Teaching

Nick Hedley, PhD (Washington)	hedley@sfu.ca
Augmented reality	
Cartography	
Geographic information science	
Geospatial interface research	
Geospatial virtual environments	
Geovisualization	
Serious games for geospatial applications	
Spatial cognition	
Sharon Luk, PhD (University of Southern California)	skluk@sfu.ca
Racial geographies	
Carceral and abolition geographies	
Cultural Studies	
Social justice movements and theory	
Margaret Schmidt, PhD (British Columbia)	margaret_schmidt@sfu.ca
Soil Science	
Digital and predictive soil mapping	
Forest soils/forest ecology	
Soil-plant relationships	

Assistant Professors:

May Farrales, PhD (British Columbia)	may_farrales@sfu.ca
Queer geographies	
Racial geographies	
Diaspora and migration	
William (Jesse) Hahm, PhD (UC – Berkeley)	whahm@sfu.ca
Hydrology	
Geomorphology	
Forest ecology	
Leigh Joseph, PhD (University of Victoria)	leigh_joseph@sfu.ca
Ethnobotany	
Indigenous Geographies	
Indigenous Ecology	
Place-based Knowledge	
Community-based Research	
Bing Lu, PhD (Toronto)	b_lu@sfu.ca
Remote sensing	
Ecosystem modelling	
Coastal dynamics	
Environmental change	
Spatial analysis	

University Lecturer:

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

Quantitative Geography

Senior Lecturers:

Andrew Perkins, PhD (Simon Fraser)

Hazards
Geochronology
Paleoglaciology

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Tara Holland, PhD (Guelph)

Science education
Climate change adaptation

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Lecturer:

Leanne Roderick, PhD (Queens)

Economic Geography
Financial Geography
Critical Political Economy
Social Science Education

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Associate Members:

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Applied spatial statistics
Spatial crime analysis
Crime and place

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Yildiz Atasoy, PhD (Toronto)

Global political economy
Political sociology
State restructuring
Social change and development
Political economy of agrifood systems
Neo-liberal urbanism

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Clint Burnham, PhD (York University)

Cultural Studies
Psychoanalytic theory
Contemporary poetry

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Pascal Haegeli, PhD (British Columbia)

Avalanche risk management
Backcountry recreation
Risk communication
Climate change

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Peter Hall, PhD (UC Berkeley)

Port cities
Logistics
Employment
Community development
Urban economies

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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	
Jeremy Venditti, PhD (British Columbia)	jeremy_venditti@sfu.ca
Fluvial geomorphology & sedimentology	
River dynamics, physics of sediment transport	

Adjunct Professors

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Geography education	
The nature of physical geography	
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Legal geography	
Space and power	
Property law	
Urban governance	
Jeremy Fyke, PhD (Victoria University of Wellington)	fykej@ae.ca
Climate change modelling and application	
Nathan Gillet, D. Phil (Oxford)	nathan.gillett@canada.ca
Climate change modelling and attribution	
Brandon Heung, PhD (Simon Fraser)	Brandon.Heung@dal.ca
Soil science	
GIS	
Spatial analysis and modelling	
Digital soil mapping	
Machine Learning	
Olav Lian, PhD (Western Ontario)	olav.lian@ufv.ca
Quaternary sedimentology and stratigraphy	
Luminescence dating	
Andrew MacDougall, PhD (University of Victoria)	amacdoug@stfx.ca
Climate science	

Earth system modelling	
Climate-carbon cycle feedbacks	
Global Biogeochemical Cycles	
Zero Emissions Commitment	
Christiana Miewald, PhD (Kentucky)	cmiewald@sfu.ca
Food security	
Urban agriculture	
Gender and sexuality	
Gentrification	
Lenore Newman, PhD (York)	lenore.newman@ufv.ca
Food security	
Sustainable cities	
Culinary geography	
Nature/culture interface	
Margaret Marietta Ramirez, PhD (Washington)	mm_ramirez@sfu.ca
Racial geographies	
Social justice movements	
Urban and cultural geographies	
Decolonial geographies	
Janet Sturgeon, PhD (Yale)	sturgeon@sfu.ca
Environmental politics	
Governance, ethnicity, and land use transformations on the borders of China, Laos, Burma and Thailand	
Political ecology	

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Department Offers

BA and BSc in Environmental Studies, Geography minor only

Faculty

<i>Professor Emeritus:</i>	<i>Email Address:</i>
Harry Spaling, PhD (Guelph) Sustainability of rural resource-based livelihoods in East Africa Community-based environmental assessment of NGO development projects African creation wisdom	harry.spaling@kingsu.ca
<i>Professor:</i>	
Vern Peters, PhD (Alberta) Cross-Appointed with Biology Reproductive ecology of conifers Conservation biology of high elevation pines and the Clarke's nutcracker Fire ecology of boreal, montane, and subalpine ecosystems	
<i>Associate Professor:</i>	
Joanne M. Moyer, PhD (Manitoba) Environmental sustainability within faith communities Learning for sustainability (Transformative Learning Theory) Community-based sustainability initiatives, public participation, and governance	joanne.moyer@kingsu.ca
<i>Assistant Professor:</i>	
Adrian Beling, PhD (Humboldt – Berlin) Cross-Appointed with Sociology Sustainability transition: theory, agents, conditions Politics, society, and culture in sustainability governance theory Civil society, religion & church and the public sphere Social-ecological sustainability discourses	adrian.beling@kingsu.ca
<i>Work Integrated Learning Coordinator (ENVS):</i>	
Nancy Burford, B.Des.(ACAD), CCDP, Career Development Certificate (Concordia) Environmental career development	nancy.burford@kingsu.ca

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Department Offers

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

Faculty

Professors:

	<i>Email Address:</i>
Darryl Carlyle-Moses, PhD (Toronto) Ecohydrology Micrometeorology Urban hydrology and meteorology	dcarlyle@tru.ca
David Hill, ¹ PhD (Illinois at Urbana-Champaign) Data mining Environmental sensing Spatiotemporal modelling Natural resource management	dhill@tru.ca
Michael Mehta, PhD (York) Air quality Citizen science Risk Renewable energy Sustainability	mmehta@tru.ca

Associate Professors:

Tom Waldichuk, PhD (York) Geography of Japan Rural-urban fringe Field education Rural Sustainability	twaldichuk@tru.ca
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¹ Co-ordinator-2

Associate Teaching Professor:

Crystal Huscroft,² MSc (Simon Fraser) chuscroft@tru.ca
Periglacial geomorphology
Web atlas development
Augmented reality field trips for the geosciences

Assistant Teaching Professor:

Robin Westland, PhD (Queens) rwestland@tru.ca
Emotional, affective, and feminist geographies
Mining, sustainability, and concepts of nature
Cultural and material geographies

University Instructor:

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

² Co-ordinator-1

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Department Offers

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

Associated Interdisciplinary Programs

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

Faculty

Professors Emeriti:

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

Professors:

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

Globalisation and territory
Environmental perception
Statistical methods
Economic geography

K. Wayne Forsythe, PhD (Salzburg) forsythe@torontomu.ca

Assessing Great Lakes sediment contamination
Geospatial analysis and geovisualization
Change detection using remote sensing and GIS

Andrew Millward¹, PhD (Waterloo) millward@torontomu.ca

Biogeography
Disturbance ecology (ice storms, wind storms, hurricanes)
Environmental applications of remote sensing
Land Geographic Information Systems (LGIS)
Urban forestry

Claus Rinner², PhD (Bonn) crinner@torontomu.ca
GIS-based multi-criteria decision analysis, area-based composite indices
Public participation GIS, argumentation mapping
Geovisualization, geospatial Web
Open geospatial data, volunteered and crowdsourced geographic information
GIS applications in public health, social policy, environmental analysis

Lu Wang, PhD (York, Canada) luwang@torontomu.ca

Consumption, culture, and identity
GIS and health care
Immigration and transnationalism
Spatial modeling of accessibility

Shuguang Wang, PhD (Alberta) swang@torontomu.ca
Spatial analysis of supermarkets in Toronto metropolitan area and the implications
for food deserts
Political participation and representation of South Asian and Chinese Canadians:
evidence from the Greater Toronto Area
Retail sales potential modelling

Associate Professors:

David Atkinson, PhD (Queen's, Canada) datkinson@torontomu.ca
Arctic ecology
Biogeography
Biophysical remote sensing of the Arctic
Spatial analysis of Arctic ecosystems

Brian Ceh, PhD (Western Ontario) bceh@torontomu.ca
Urban and Regional Development
Urban Sustainability
Spatial Methods and Analyses
Business, Commercial, and Retail Geography

¹ Undergraduate Program Director, Environment and Urban Sustainability

² Undergraduate Program Director, Geographic Analysis

Quantitative Geography

Sutama Ghosh ³ , PhD (York, Canada)	sutama@torontomu.ca
Critical 'race' theory, postcolonial theory, and theories of space	
Migration and settlement geographies, transnationalism, urban inequalities, particularly access to housing	
Regional Geography of 'South Asia' with particular reference to India	
Tor Oiamo ⁴ , PhD (Western Ontario)	tor.oiamo@torontomu.ca
Exposure assessment	
Environmental modelling	
Health risk assessment	
GIS and spatial statistics	
Health and medical geography	
Claire Oswald ⁵ , PhD (Toronto)	coswald@torontomu.ca
Watershed hydrology and biogeochemistry	
Pollutant fate and transport (e.g., mercury, chloride, nutrients)	
Urban hydrology, water quality and land use	
Spatial analysis of environmental systems	
Chemical and isotopic tracer studies	
Greg Oulahen, PhD (Western Ontario)	greg.oulahen@torontomu.ca
Human-environment interaction	
Hazards, Flood	
Risk, vulnerability	
Eric Vaz ⁶ , PhD (NOVA, Lisbon)	evaz@torontomu.ca
Land use / land cover change modelling	
Landscape metrics and environmental assessment	
New methods in spatial perception, analysis and forecasting	
The geography of regional economics	
Urban growth and sprawl and impacts of urban footprint	

Assistant Professors:

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

³ Chair of the CAG Diversity, Migration, Ethnicity and Race Study Group

⁴ Department Chair (as of July 1, 2024)

⁵ Vice-President, Canadian Geophysical Union

⁶ Graduate Program Director, Spatial Analysis

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

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

Contract Lecturers:

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Leisure, recreation and tourism	
Geopolitics and globalization	
Sustainability Principles and Practices	
Environmental Planning and Resource management	
Environmental Impact Assessment	
Geo-spatial data analysis and remote sensing	
Valentina Capurri, PhD (York, Canada)	vcapurri@torontomu.ca
Citizenship and identity	
Disability and Accessibility	
Geography of Toronto	
Globalisation and territory	
Immigration and transnationalism	
Relocation/dislocation of residents in the urban gentrification process	
Christopher Daniel, PhD (Toronto Metropolitan)	c2daniel@torontomu.ca
Business/Retail Geography	
Land Economics	

Urban Planning	
Spatial Databases	
Raymond Garrison	rgarrison@torontomu.ca
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Geographic Information Systems/Science	
GIS Programming	
Mohammad Manshouri, PhD (Tehran)	manshouri@torontomu.ca
Water Quality, Treatment Processes, and Pollution Control	
Wastewater Treatment and Reuse	
Solid Waste Management	
Sustainability, Climate Change, Environmental Studies	
Jeanne Maurer, MA (Toronto)	jmaurer@torontomu.ca
Agriculture and the GTA	
Globalization, world cities, and regional sustainability	
Hugh Simmonds, PhD (Waterloo)	hugh.simmonds@torontomu.ca
Recreation, Leisure and Tourism	
Sustainability, Climate Change and Regional Geographies	
Policy, Planning and Community Development	
Cultural Industries, Internationalization, Intersectionality and Inclusion	

Adjunct Professors:

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Tony Lea, PhD (Toronto)	tony.lea@environicsanalytics.ca
Haiqing Xu, PhD (Sheffield)	haiqing.xu@torontomu.ca

Administrative Staff:

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

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Department Offerings

Bachelor's Degrees

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

Diplomas

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

Options

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

Specializations

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

Faculty

Professors Emeriti:

Email Address:

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

James Buttle, PhD (Southampton)	jbuttle@trentu.ca
Forest hydrology	
Hydrological effects of land use change	
Solute transport in the unsaturated zone	
Steven E. Franklin, PhD (Waterloo)	sfranklin@trentu.ca
Remote sensing, environmental management, habitat and biodiversity mapping	
Frederick M. Helleiner, PhD (Western Ontario)	fhelleiner@trentu.ca
Peter M. Lafleur, PhD (McMaster)	plafleur@trentu.ca
Atmosphere-biosphere energy exchange on arctic tundra ecosystems	
Energy water and carbon fluxes from boreal wetlands	
John S. Marsh, PhD (Calgary)	jmarsh@trentu.ca
History of the Dee Estuary, England	
History, planning and management of national and provincial parks	
and World Heritage Sites	
History, planning, management, use and impact of recreation trails	
The identification, protection, and interpretation of cultural landscapes	
Tourism and heritage in Chile	
George A. Nader, PhD (Durham)	gnader@trentu.ca
A History of the Syrian-Lebanese Community in Trinidad and Tobago	
Colin H. Taylor, PhD (McGill)	ctaylor@trentu.ca

Professors:

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Water quantity and quality	
Soil biogeochemistry	
Hydroclimatic change	
Landuse change	
Cheryl L. McKenna Neuman, PhD (Queen's)	cmckneuman@trentu.ca
Aeolian bedforms	
Mechanics of sediment transport	
Wind tunnel simulation of aeolian processes and dust emission	
Heather N. Nicol, PhD (Queen's)	heathernicol@trentu.ca
Economic development and regionalism in Canada	
Geopolitics and security in the Circumpolar North	
Mark W. Skinner, PhD (Queen's)	markskinner@trentu.ca
Geographies of aging and geographical gerontology	
Geographies of voluntarism (case studies, discourse, policy, theory)	
Health geography (community care, health services, older populations)	
Rural aging and aging rural communities (Canada, international)	

Associate Professors:

Ian M. Power, PhD (Western Ontario)	ianpower@trentu.ca
Carbon dioxide mineralization and sequestration	
Enhanced rock weathering for CO ₂ removal	
Geochemical and geomicrobial processes within mine wastes	
Natural analogues for inorganic carbon storage	
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Geographies of craft brewing
Zoning and adaptive reuse
Planning for small and mid-sized cities
Fieldwork and pedagogy in human geography

Raul Ponce-Hernandez, D Phil (Oxford) rponce@trentu.ca
Applications of remote and proximal sensing to natural resource assessment
Dynamic simulation and spatial modelling of soil properties and of climate change impacts
Farming systems and precision agriculture
GIS applications to land and watershed resources inventories and assessment.
Stephanie Rutherford, PhD (York) srutherford@trentu.ca
Animal geographies
Historical geography of nature and nation
Human-wildlife conflict
Political ecology
Susan E. Wurtele, PhD (Queen's) swurtele@trentu.ca
Canadian immigration policy and immigrant assimilation
Children's geographies
Historical geography of the Canadian Prairies
Immigrant handicrafts and folk culture in Canada
Urban transportation and environmental sustainability

Assistant Professors:

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Forest Hydrology
Isotope Hydrology
Hillslope Ecohydrology

Trinity Western University

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Department Offers

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

Faculty

Professor Emeritus:

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

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Professors:

David Clements¹, PhD (Queen's)
Ecology of invasive plants and other species
Restoration ecology focusing on Garry oak ecosystems

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Associate Professors:

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

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Bruce Shelves², PhD (Arizona State)
Environmental history

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Assistant Professors:

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

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Part-Time Instructors:

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Land Manager and Instructor

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Aimee McGowan,

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² Cross-appointed with Department of History

³ Department Co-Chair

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

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Adjunct Faculty:

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

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Staff:

Jayne Cummins (Executive Assistant)
Liz Robertson (Executive Assistant)

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Université de Moncton

Département d'histoire et de géographie

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

Le département n'offre

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

Personnel enseignant (Edmundston, Moncton, Shippagan)

Professeurs titulaires :

Guillaume Fortin^{1 2}, Ph. D. (INRS-ETE)

Climatologie appliquée

Changements climatiques

Risques naturels et événements extrêmes

Aménagement des bassins versants

Adresse électronique :

guillaume.fortin@umanitoba.ca

Majella Simard¹, Ph.D. (UQAR)

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Évaluation et pérennisation sociocommunautaire de la démarche Municipalités et Communautés amies des aînés (MADA-CADA) au Nouveau-Brunswick

Le processus de dépeuplement continu dans la perspective d'un aménagement territorial durable au cours de la période 1971-2021: enjeux et impacts sur la reconfiguration spatiale du tissu de peuplement à l'est du Canada

La contribution des commissions de services régionaux au développement territorial du Nouveau-Brunswick: facteurs de réussite et d'insuccès

Professeurs agrégés :

André Robichaud³, Ph. D. (Laval)

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

¹ Campus de Moncton

² Directeur adjoint du Département d'histoire et de géographie

³ Campus de Shippagan

Professeure Adjointe :

Geisa Silveira da Rocha¹, Ph.D (Universidade Federal do Paraná, Brésil)

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

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

NB

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

¹ Campus de Moncton

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Programmes d'études avancées

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

Personnel enseignant

Professeurs émérites :

Claude Comtois, PhD (Hong Kong)
Geography of transport, Maritime transport
Rodolphe De Koninck, PhD (Singapore)
Agrarian geography, Southeast Asia
Pierre J.H. Richard, PhD (Montpellier)
Phytogeography / Paleoecology
André Roy PhD (SUNY-Buffalo)
Fluvial geomorphology

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Professeurs titulaires :

François Cavayas, PhD (Laval)
Remote sensing
GIScience
François Courchesne PhD (McGill)
Soil science
Biogeochemistry
Daniel Fortier PhD (Laval)
Cold regions geomorphology
Kathryn Furlong, PhD (UBC)
Canada Research Chair in Water and Urbanization
Patricia M. Martin, PhD (Colorado)
Development
Gender
Political violence
Latin America

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Professeurs agrégés :

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GIScience
Biogeography
Forestry

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

Professeurs adjoints :

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S.I.G	
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Southeast Asia	
Urban geography	
Governance	
Social geography	
Alexis Maximilien Berg, PHD (Paris)	alexis.maximilien.berg@umontreal.ca
Sciences Environnementales	

Professeurs associés :

Claude Marois, PhD (Laval)

¹ Directrice (information sur la Faculté, Juin 2023)

Claude Comtois, PhD (Hong Kong)

Professeurs invités :

Ornella Puschiasis, PhD (Paris)

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Programmes d'études offerts

Baccalauréat en géomatique appliquée à l'environnement; Microprogramme de 1^{er} cycle en géographie; Microprogramme de 1^{er} cycle en géomatique appliquée; Certificat en géographie; Certificat en géomatique et télédétection

Microprogramme de 2^e cycle en sciences géomatiques; Diplôme d'études supérieures spécialisées de 2^e cycle en géomatique appliquée; Maîtrise en géomatique appliquée et télédétection incluant un cheminement de type cours et un cheminement de type recherche; Doctorat en télédétection.

Département de géomatique appliquée

Professeurs titulaires :

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

Richard Fournier, PhD (Laval)
Géomatique thématique et SIG
Cartographie des attributs de peuplements forestiers à l'aide d'imagerie satellitaire
Méthodes de cartographie des écosystèmes végétaux en appui aux questions environnementales ou de conservation

Traitement d'images
Photographies hémisphériques
Physique de la télédétection
Utilisation du lidar terrestre pour les mesures en forêt

Kalifa Goïta, PhD (Sherbrooke)
Télédétection, SIG et risques environnementaux (inondations, feux de forêts, dégradation du milieu)

Télédétection micro-ondes (hydrologie du couvert nival, végétation, état des routes, changements climatiques)
Altimétrie par télédétection (Topographie, hauteur du couvert végétal, biomasse)
SIG, télédétection très haute résolution et mise à jour cartographique (cadastre, cartographie topographique)
Détection et analyse des changements à long terme

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

Professeurs agrégés :

Yacine Bouroubi, PhD (Montréal)	Yacine.Bouroubi@USherbrooke.ca
Télédétection et traitement d'images	
Analyse et modélisation spatiale	
Bases de données à référence spatiale	
Géolocalisation et cartographie	

Mickaël Germain, PhD (Sherbrooke)	Mickael.Germain@USherbrooke.ca
Systèmes d'information géographique (SIG)	
SIG et cartographie Web	
Bases de données géospatiales	
Apprentissage machine et apprentissage profond appliqués à la géomatique	
Mathématiques appliquées à la géomatique	
Myriam Lemelin, PhD (Hawaii)	Myriam.Lemelin@USherbrooke.ca
Modélisation spatiale	
Systèmes d'information géographique et communication graphique	
Télédétection de la géologie, des ressources en eau et des propriétés du sol (Lune, astéroïdes et Mars)	
Géologie et propriétés du sol de l'Arctique canadien	

Professeurs adjoints :

Frédéric Bouchard, PhD (INRS)	Frederic.Bouchard5@USherbrooke.ca
Climatologie et changements climatiques	
Géographie physique et environnement	
Sols et géosciences	
Histoire des lacs de « thermokarst » (dégel) en zone de pergélisol	
Dynamique des gaz à effet de serre dans les lacs de l'Arctique	
Évolution spatio-temporelle des paysages nordiques : milieux terrestres vs aquatiques	
Samuel Foucher, PhD (Sherbrooke)	Samuel.Foucher@USherbrooke.ca
Sciences des données géospatiales	
Cubes de données	
Apprentissage profond appliqués aux graphes	
Traitement de l'imagerie RSO	
Polarimétrie radar	
Standards en géomatique	

Université du Québec à Chicoutimi

Département des sciences humaines et sociales

Unité d'enseignement en sciences des sociétés et des territoires

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

Programmes d'études offerts

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

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

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

Faculté

Professeurs :

Maxime Boivin, PhD (UQAR & ENS-Lyon)

Géographie physique

Hydrogéomorphologie

Écogéomorphologie

Restauration des rivières

Relation habitat du poisson et hydrogéomorphologie

Risques naturels

Adresse électronique :

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Marie Fall, PhD (Montréal)

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Gouvernance, démocratie et développement durable

Développement territorial

Changements climatiques, vulnérabilité et résilience des communautés

Genre et développement

Coopération internationale, solidarité internationale et aide au développement

Martin Simard, PhD (Laval)

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Géographie urbaine et régionale

Aménagement et développement territorial

Villes petites et moyennes en milieu périphérique ou nordique

Formes urbaines et développement durable

Université du Québec à Montréal

Département de géographie

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514-987-4131

Courriel secrétariat : dept.geographie@uqam.ca

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

Programmes d'études offerts

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

Le Département de géographie offre aussi des cours et assure la direction des programmes de 1^{er} cycle suivants :

Baccalauréat en enseignement secondaire – Concentration sciences humaines/Univers social, Baccalauréat en sciences naturelles appliquées à l'environnement.

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

3e cycle : Doctorat en géographie

Faculté

Professeurs :

Mario Bédard

Épistémologie
Géographie culturelle
Géographie régionale
Paysage
Sens du lieu
Territorialité

Stéphane Bernard

Géographie des systèmes agraires
Réformes foncières
Systèmes agricoles alternatifs
Souveraineté alimentaire
Environnement
Expansion agricole/déforestation
Démondialisation des territoires
Résilience socio écologique
Asie du Sud-Est, Indonésie, Malaisie
Développement

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Étienne Boucher <i>Directeur des unités de programmes d'études de cycles supérieurs (maîtrises et doctorat)</i>	boucher.etienne@uqam.ca
Climatologie et météorologie Dendrochronologie Eau et environnement Géomorphologie fluviale Paléoclimatologie Paléohydrologie Risque hydro et glacial Sciences de la terre	
Olivier Caron	caron.olivier@uqam.ca
Système d'information géographique (SIG) Base de données spatiale Géovisualisation, photogrammétrie et LiDAR Applications géomatiques dans la gestion de risques Webmapping Modélisation géologique tridimensionnelle Cartographie géologique Géomorphologie Stratigraphie quaternaire Géochronologie	
Claude Codjia	codjia.claude@uqam.ca
Systèmes d'information géographique Télédétection	
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Développement local Milieux ruraux Agriculture Communauté nourricière Sécurité alimentaire Planification territoriale Géographie sociale	
Philippe Gachon	gachon.philippe@uqam.ca
Aléas météorologiques et climatiques Canicules Changements climatiques Climatologie Climat régional Dynamique de l'atmosphère Extrêmes climatiques Inondations Météorologie Modélisation du climat Risques hydrométéorologiques	
Michelle Garneau	garneau.michelle@uqam.ca
Biogéographie	

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

Daniel Germain germain.daniel@uqam.ca
Directeur des unités de programmes d'études de premier cycle

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

Rodolphe Gonzalès Gonzales.rodolphe@uqam.ca
Science des données spatiales
Analyse et modélisation
Systèmes complexes
Nouvelles formes cartographiques
Automatisation des processus de collecte, d'analyse et de visualisation des données géographiques
Logement et santé publique

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

Yannick Hémond hemond.yannick@uqam.ca
Adaptation aux changements climatiques
Continuité d'exploitation
Créativité et apprentissage
Gestion de crise
Gestion des risques
Gestion du risque de projet
Résilience
Résolution de problèmes
Risque opérationnel

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Didactique
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Géographie culturelle
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Développement local Économie de la culture Géographie humaine Sociologie	
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Dynamique du carbone Impact des changements climatiques Milieux tourbeux Reconstitution des écosystèmes anciens Méthodes de datation (Pb210)	
Catherine Trudelle	trudelle.catherine@uqam.ca
Activité conflictuelle Conflits urbains Environnement Études urbaines Géographie humaine Gouvernance locale	

Humanisation de la ville
Sociologie

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

Programmes d'études offerts

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

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

Faculté

Professeurs titulaires :

Simon Bélanger¹, PhD (Pierre et Marie Curie)

Télédétection environnementale

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

Impacts du changement climatique sur les environnements côtiers arctiques et subarctiques

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

Pascal Bernatchez, PhD (Laval)

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

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

Réseaux de suivi environnemental des côtes du Québec maritime

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

Thomas Buffin-Bélanger, PhD (Montréal)

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Approche hydrogéomorphologique pour la gestion des cours d'eau

Étude des dynamiques glacielles dans les cours d'eau

Évaluation des bilans sédimentaires et ligneux dans les systèmes fluviaux

¹ Directeur du module (1^{er} cycle)

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

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Programmes d'études offerts

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

Faculté

Professeurs :

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

Chargés d'enseignement :

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Adresse électronique : secretariat@ggr.ulaval.ca
Site web : <http://www.ggr.ulaval.ca>

Programmes d'études offerts

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

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

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

Faculté

Professeurs titulaires :

Nathalie Barrette, PhD (UQAM)

Climatologie

Changements climatiques

Directrice des programmes de 2^e et 3^e cycles en sciences géographiques

Danièle Bélanger, PhD (Montréal)

Migrations internationales

Démographie sociale

Genre, population et développement

Genre et inégalités sociales

Santé de la reproduction

Najat Bhiry, PhD (Paris)¹

Géomorphologie

Géologie du Quartaire

Paléoécologie végétale

Aléas et risques naturels

Géoarchéologie et paléoenvironnements

Laurent Bourdeau, PhD (UQAM)

Marketing du tourisme

Développement de produits touristiques

Approche expérientielle et attractivité du territoire

Directeur du certificat en tourisme durable

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¹ Directrice (Information sur le département, 1^{er} juillet 2023)

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Asie du Sud-Est	
Géographie rurale	
Géographie de l'environnement	
Géographie économique, Charlevoix,	
Inégalité, marginalité	
Caroline Desbiens, PhD (British Columbia)	caroline.desbiens@ggr.ulaval.ca
Géographie autochtone	
Géographie historique et culturelle, patrimoine,	
Approches participatives et féministes	
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Géographie historique et environnementale	
Directeur des programmes de 1 ^{er} cycle en géographie	
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Géomorphologie	
Sédimentologie	
Environnements côtiers et marins nordiques	
Quaternaire	
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Géographie politique	
Partage de l'eau	
Asie de l'Est	
Transport et logistique	
Sécurité environnementale	
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Biogéographie	
Paléoécologie	
Palyntologie	
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Épistémologie	
Géographie humaine structurale	
Aménagement	
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Biogéographie	
Paléoécologie	
Écosystèmes d'eau douce et côtiers nordiques	
Directeur de la maîtrise en biogéosciences de l'environnement	
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Biogéographie	
Dendroécologie	
Écologie du paysage	
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Analyse spatiale	
Géographie du transport	
Géographie urbaine	
Méthodes quantitatives	

Vice-doyenne aux études

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Biogéographie aquatique	
Qualité de l'eau	
Paléolimnologie et écologie aquatique	
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Aménagement durable de la ville	
Géographie de la Russie	
Patrimoine urbain	
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Cartographie	
Système d'information géographique	
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Migration, inégalité et pouvoir	
Géographie politique	
Gouvernance humanitaire	
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Géographie des espaces mondialisés	
Géographie rurale	
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Géomorphologie	
Pergélisol	
Thermokarst	

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Développement durable	
Foresterie sociale	
Agroforesterie	
Foresterie internationale	
Aménagement territorial	
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Géographie des risques naturels liés	
aux changements climatiques	
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Patrimoine et tourisme autochtone	
Cartographie participative	
Géographie de la mémoire	
Directrice du certificat en développement durable	
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Écosystèmes aquatiques	

Paléoécologie
Géoécologie
(poste en double rattachement avec le département de biologie)
Titulaire de la Chaire de recherche sur les écosystèmes côtiers et
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Department Offers

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

Faculty

Professors Emeriti:

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

Distinguished University Professors:

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

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Professors:

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

* Human Geography, Meteorology, Environmental Sciences, and Planning
Michael W. Caldwell, PhD (McGill) mw.caldwell@ualberta.ca

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Beringia	
Natural hazards	
Quaternary geology	
Teprochronology	
*John Gamon, PhD (UC Davis)	gamon@ualberta.ca
Climate change impacts in northern latitude ecosystems	
Detecting plant biochemical responses with non-contact optical methods	
Disturbance effects on ecosystem function	
Eco-informatics and Cyberinfrastructure for ecosystem monitoring	
Plant ecophysiology, particularly related to photosynthesis and environmental stress	
Remote sensing for sampling terrestrial ecosystem composition and function	
*Theresa Garvin, PhD (McMaster)	Theresa.Garvin@ualberta.ca
Aging and urban/suburban environments	
Community, health and environmental issues	
Geography of health and health care	
Policy development, implementation and analysis	
Science, policy and social processes	
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*Tara McGee, PhD (Australian Nat'l)	tmcgee@ualberta.ca
Human dimensions of environmental hazards	
Public and stakeholder hazard decision-making and actions	
Public and government mitigation	
Public and government preparedness	
Public participation	
Qualitative research methods	
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High latitude oceanography	
Numerical model development	
Numerical modeling	
Physical oceanography	
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¹ Department Chair

* Human Geography, Meteorology, Environmental Sciences, and Planning

Impacts of land use/cover change (LUCC) on biodiversity loss and habitat
 fragmentation in tropical dry forest environments
 Remote sensing and geographic information systems

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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)	
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Environmental change	
Glacier dynamics	
Glacier response to changing climate	
Ice core paleoclimatology	
Mechanics of unconsolidated Materials	
Permafrost and periglacial landscapes	
Subglacial and groundwater hydrology	
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*Alberto Reyes (Alberta)	areyes@ualberta.ca
Greenland Ice Sheet response to Quaternary climate change	
Pleistocene interglaciations	
Quaternary geoscience applications of isotope geochemistry	
Refined interpretation of large compilations of radiocarbon dates	
Kyle Whitfield, PhD (Waterloo)	kw16@ualberta.ca
Community planning, social planning, issues relevant to older adults, community development and citizen engagement	
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CRC, Biogeochemistry of Sustainable Mineral Resources	
*Jeff Birchall (Canterbury)	jeff.birchall@ualberta.ca
Local scale climate change impacts	
Local government climate change policy	
Urban/community climate resilience/adaptation	

* Human Geography, Meteorology, Environmental Sciences, and Planning
Assistant Professor:

*Joshua Evans, PhD (McMaster)	jdevans@ualberta.ca
Disability and Chronic Illness	

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

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International relations	
Antarctica and Nordic geopolitics	
Science and policy	
Alison Criscitiello	
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Andrew Locock	alcock@ualberta.ca
*Robert Summers	robert.summers@ualberta.ca
Collective action and cultural institutions and their evolution	
Community development (social capital, sense of place, effectiveness and efficiency of local institutions) in both developed and developing world applications	
Environmental governance policy (focused on behaviour and institutions)	
Rural water supply issues in Canada and Sub-Saharan Africa	
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Department Offers

Environmental Science major, Sustainability Studies major (with geography contributions)

Faculty

Professors Emeriti:

Glynnis Hood, PhD (Alberta)

Aquatic ecology

Wildlife ecology and management

Human wildlife conflict

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Professor(s):

Glen Hvenegaard, PhD (Victoria)

Biogeography and conservation of birds

Park interpretation and environmental education

Park and wildlife tourism

Environmental history

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Assistant Professor(s):

Gregory King, PhD (Bern)

Dendrochronology

Biogeography

Forest disturbance ecology

Urban forests

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Adjunct Professors:

Scott Heckbert, PhD (Melbourne)

Environmental modelling

Natural resource management

GIS

Environmental monitoring

Dee Patriquin, PhD (Alberta)

Environmental policy and governance

Natural resource management

GIS and remote sensing

John Pattison-Williams, PhD (Greenwich)

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Wetland valuation
Natural resource management
Rural development

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Department Offers

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Faculty

Emeriti:

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Michael A. Church, PhD (British Columbia)
Richard E. Copley, MA (UC, Berkeley)
Brett C. Eaton, PhD (British Columbia)
David W. Edgington, PhD (Monash)
Derek J. Gregory, PhD (Cambridge)
Greg H.R. Henry, PhD (Toronto)
Dan J. Hiebert, PhD (Toronto)
Brian Klinkenberg, PhD (Western Ontario)
David F. Ley, PhD (Pennsylvania State)
David M. McClung, PhD (Washington)
Terry G. McGee, PhD (Wellington)
Ian G. McKendry, PhD (Canterbury)
R. Dan Moore, PhD (Canterbury)
Margaret E.A. North, MA (Kansas)
Robert N. North, PhD (British Columbia)
Timothy R. Oke, PhD (McMaster)
Alf H. Siemens, PhD (Wisconsin)
H. Olav Slaymaker, PhD (Cambridge)
Graeme Wynn, PhD (Toronto)

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graeme.wynn@geog.ubc.ca

Professors:

Trevor J. Barnes, PhD (Minnesota)

The Vancouver economy

Dictatorships and universities

Life and works of Bill Bunge

Post-War history of Anglo-American human geography

Jessica A. Dempsey, PhD (British Columbia)

Capitalist natures

Environmental politics

Green finance

Political ecologies of biodiversity conservation

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jessica.dempsey@geog.ubc.ca

Simon D. Donner, PhD (Wisconsin)	simon.donner@geog.ubc.ca
Climate change adaptation in the developing world	
Climate change science	
Public engagement	
Matthew D. Evenden, PhD (York)	matthew.evenden@geog.ubc.ca
Environmental history and historical geography	
War and environment	
Water and energy history	
James F. Glassman, PhD (Minnesota)	jim.glassman@geog.ubc.ca
Development geography of Pacific Rim Asia	
Geo-political economy of development	
Urbanization and industrialization in developing countries	
Marwan Hassan, PhD (Jerusalem)	marwan.hassan@geog.ubc.ca
Biophysical interactions in gravel bed streams	
Fluvial transport of sediment	
Scaling relations in watershed geomorphology	
Urban hydrology and urban streams	
Michèle N. Koppes, PhD (Washington)	michele.koppes@geog.ubc.ca
Glacial geomorphology	
Glaciology	
Ice-ocean interactions	
Paleoclimate reconstructions	
Quaternary geomorphology	
Merje Kuus, PhD (Syracuse)	merje.kuus@geog.ubc.ca
Geopolitics and diplomacy	
Transnational policy networks	
Arctic governance	
Contemporary Europe	
Philippe A. Le Billon, PhD (Oxford)	philippe.lebillon@geog.ubc.ca
Conflicts, violence, and resources	
Political ecology	
Political geography	
Ocean governance	
Jamie Peck, PhD (Manchester)	jamie.peck@geog.ubc.ca
Economic geography	
Economic governance	
Labour geography	
Neoliberalism	
State restructuring	
Urban and regional political economy	
Geraldine J. Pratt ¹ , PhD (British Columbia)	gpratt@geog.ubc.ca
Feminist geography	
Performance, space and politics	
Precarious labour	
Dementia care	
Migrant workers	

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

Jessica Wang, PhD (Massachusetts Institute)	jessica.wang@ubc.ca
History of science and science studies	
Political economy, political ecology, and state power	
History of agriculture and environment	
Biogeography, colonialism, and international relations	
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	
Elvin K. Wyly, PhD (Minnesota)	elvin.wyly@geog.ubc.ca
Gentrification and neighbourhood change	
Housing and neoliberal financialization	
Politics of social surveys, data, and quantitative methods	
Ontologies of social media and Big Data	
Urban policy	

Professor of Teaching:

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

Associate Professors:

Luke R. Bergmann, PhD (Minnesota)	luke.bergmann@ubc.ca
Economic Geography	
Geographical computation	
Nature-society relations	
Spatial theory	
Peter James Hudson, PhD (New York)	peter.hudson@ubc.ca
Pan-Africanism, Black radicalism, anti-imperialism	
Political economy, capitalism, imperialism	
Archives, historiography, and historical methodologies	
Naomi Klein	na.klein@ubc.ca
Climate justice	
Disaster capitalism	
Surveillance capitalism	
Neoliberal history	
Avi D. Lewis, BA (Toronto)	ad.lewis@ubc.ca
Systemic climate solutions: visioning a global Green New Deal	
Storytelling, social movements and radical futurisms	
Engaged Documentary Filmmaking	
Juanita R. Sundberg, PhD (Texas)	juanita.sundberg@geog.ubc.ca
Critical race theory and anti-racist environmentalism	
Environmental dimensions of border enforcement on the US-Mexico border	
Feminist geography	
Nature, race, and nation-building in Latin America	

Associate Professors of Teaching:

Loch T. Brown, PhD (Sussex)	loch.brown@geog.ubc.ca
Environment, sustainability, and development	
Higher education, flexible learning, pedagogy	
Political ecology, political economy, and natures	
Nina Hewitt, PhD (York)	nina.hewitt@ubc.ca
Ecosystem fragmentation	
Altered disturbance regimes	
Biological invasions and climate change	
Siobhán R. Wittig McPhee, PhD (Dublin)	siobhan.mcphee@geog.ubc.ca
Spatial digital storytelling and spatializing empathy through digital innovation	
Digital innovation and land-based learning	
Blended teaching and learning in striving for accessible universities	
Public scholarship in SoTL research	

Assistant Professors:

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Urbanization and Urban Infrastructure	
Environmental Justice and Urban Inequality	
Waste, Waste Management, and Sanitation	
Urban Political Ecology	
Jemima N. Baada, PhD (Western Ontario)	jemima.baada@ubc.ca
Climate change and human migration	
Gender and development	
Human mobility in sub-Saharan Africa and the Global South	
Social determinants of health	
Michael Fabris, PhD (UBC)	mike.fabris@ubc.ca
Indigenous Geographies	
Geographies of Settler Colonialism	
Urban Indigeneity	
Avery R. Everhart	avery.everhart@ubc.ca
Health & medical geography	
Critical GIS and critical data studies	
Intersectionality	
Transgender studies	
Kate E. Hale, PhD (Colorado)	kate.hale@ubc.ca
Surface and snow hydrology	
Climate change impacts on ecohydrology	
Remote sensing of the cryosphere	
Hydrologic modeling and data analytics	
McKenzie A. Kuhn, PhD (Alberta)	mckenzie.kuhn@ubc.ca
Climate Change Impacts in Arctic-Boreal Ecosystems	
Carbon and Greenhouse Gas Exchange	
Terrestrial and Freshwater Biogeochemistry	
Marysa M. Laguë (Washington)	marysa.lague@ubc.ca
Land-atmosphere interactions	
Atmospheric dynamics	

Climate	
Earth system modeling	
Tianjia (Tina) Liu, PhD (Harvard)	tianjia.liu@ubc.ca
Remote sensing of land and atmosphere	
Fires and society	
Climate, air quality, and public health	
Priti Narayan, PhD (Rutgers)	priti.narayan@ubc.ca
Urban inequality	
Social movements	
Feminist, activist, public scholarship	
Naomi B. Schwartz, PhD (Columbia)	naomi.schwartz@ubc.ca
Remote sensing of disturbance and land use change	
Global change impacts in tropical forests	
Reforestation and natural regeneration in tropical forest landscapes	
Desirée Valadares, PhD (Berkeley)	desiree.valadares@ubc.ca
Historical geography and infrastructural history	
War and environment	
Heritage politics	
Asian and Indigenous relations in the Pacific	

Lecturer:

Alec Blair, MSc (McGill)	alec.blair@geog.ubc.ca
Human-wildlife interactions	
Political ecologies of wildlife conservation	
Environmental management	
Art and the environment in Canada	

Associate Members:

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Kavita Philip, PhD (Madras University)	kavita.philip@ubc.ca

Adjunct Professors:

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

Affiliates:

David Clements

Post-Doctoral Fellows:

David Adams, Jyotirmoy Barman, Scott Nordstrom

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<https://eegs.ok.ubc.ca/undergraduate/geography/>

Department Offers

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

Faculty¹

Professor Emeritus: *Email Address:*

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Process geomorphology (coastal, aeolian, and fluvial)

Physical geography

Hydrology

Miriam Grant, PhD (Queen's) miriam.grant@ubc.ca

Social dimension of HIV/AIDS in Southern Africa

Social and economic vulnerability of urban youth in African cities

Role of African elite in urban community development

Urban food security in Southern Africa

Associate Professor Emeritus

Ian Saunders, PhD (Simon Fraser) ian.saunders@ubc.ca

Glaciers and climate change

Physical geography of mountain environments

Fes de Scally, PhD (Waterloo) fes.descally@ubc.ca

Depositional processes and related hazards on high mountain fans

Tropical cyclone and tsunami hazards in the Cook Islands

Disaster risk reduction

Sediment loading of debris flow channels by snow avalanches

Professors:

Lawrence D. Berg, DPhil (Waikato) lawrence.berg@ubc.ca

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

Neoliberalism and geographies of knowledge production

Social, spatial, and economic justice

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

Associate Professors:

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Digital geographies	
GIS and society	
Health geography	
Urban geography	
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	
Donna Senese, PhD (Waterloo)	donna.senese@ubc.ca
Wine and food geographies	
Transformative Tourism	
Rural Resilience	
Robert R. Young, PhD (Calgary)	robert.young@ubc.ca
Subglacial processes	
Quaternary stratigraphy and geomorphology	
Tertiary and Quaternary environments/events	

Assistant Professors:

Adeniyi Asiyanbi, PhD (King's College London/ KCL) a.asiyanbi@ubc.ca

Political Ecology

Conservation and Development

Forest-based climate change mitigation

Wildfires

Mathieu Bourbonnais, PhD (Victoria)

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Geographic Information Systems

Spatial analysis and statistics

Remote sensing

Movement ecology

Onyx Sloan-Morgan (Queens)

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Critical human geography

Resource extraction

Sexuality and gender

Political ecology

Settler colonialism

Youth-led research and social movements

Modern treaties

Associate Professor of Teaching:

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Biogeography,

Environmental Science

Lecturers:

Mary Stockdale, PhD (Oxford)

mary.stockdale@ubc.ca

Catherine Kyle, PhD (UBC)

catherine.kyle@ubc.ca

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Department Offers:

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

Faculty

Professors Emeritus:

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

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Professors:

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Animal welfare in society and science	
Conservation GIS	
Coyote and wolf behaviour, ecology and conservation	
Human-animal relationships	
Human-coyote conflict	
Road ecology in temperate and tropical ecosystems	
Darren Bender, PhD (Carleton), <i>current Assoc. Head</i> dbender@ucalgary.ca	
Geographic information systems	
Spatial modelling	
Landscape ecology	
Stefania Bertazzon, PhD (Calgary)	<i>Email Address:</i> betazzs@ucalgary.ca
Spatial analysis	
Health geography	
Environmental health	
Environmental and resource management	
Parks and protected areas	
Sustainable tourism	
Tourism and growth management	
Pedagogy, contemplative, experiential	
Gwendolyn Blue, PhD (North Carolina)	<i>Email Address:</i> ggblue@ucalgary.ca
Public controversies	
Public engagement	
Science and technology studies	
Climate change	
Genomic applications	
Posthumanism	

Geoffrey Hay, PhD (Montréal)	gjhay@ucalgary.ca
GEOBIA: Geographic Object Based Image Analysis	
GeoWeb technologies	
High-resolution thermal infrared imaging	
Multiscale urban heat islands	
Remote sensing and geoinformatics: Urban remote sensing	
Chris Hugenholtz (Calgary)	chhugen@ucalgary.ca
Earth Science	
Climate change	
Yvonne Martin, PhD (British Columbia)	ymartin@ucalgary.ca
Biogeoscience	
Drainage basin development	
Fluvial geomorphology	
Hillslope geomorphology	
Geomorphology/ecology/hydrology interactions	
Carbon storage along rivers	
Landscape/terrain structure and analysis	
Numerical modeling	
Sediment transport processes	
Greg McDermid, PhD (Waterloo)	mcdermid@ucalgary.ca
Remote sensing	
Geospatial analysis	
Environmental monitoring	
Forest restoration	
Wildlife habitat assessment	
Byron Miller, PhD (Minnesota)	bavrmill@ucalgary.ca
Politics of urban sustainability	
Spatialities of social movement mobilization	
Social and environmental implications of smart cities	
Neighbourhood change and polarization	
Brian Moorman, PhD (Carleton)	moorman@ucalgary.ca
Environmental geophysics	
Glacial hydrology	
Permafrost	
Remote sensing	
Tricia Stadnyk, PhD, P.Eng. (Waterloo)	tricia.stadnyk@ucalgary.ca
Hydrology and climate change	
Watershed modelling	
Isotope geochemistry	
John Yackel, PhD (Manitoba)	yackel@ucalgary.ca
Arctic sea ice	
Microwave remote sensing of sea ice	
Polarimetric synthetic aperture radar	
Snow cover processes on sea ice	

Associate Professors:

Conny Davidsen, PhD (Dresden)	davidsen@ucalgary.ca
Community based forest management & local control	
Conservation policy processes in Latin America	
Forest and environmental governance in Western Canada	
Brent Else, PhD (Manitoba)	belse@ucalgary.ca

Air-sea gas exchange	
Arctic Ocean biogeochemistry	
Sea ice energy balance	
Ryan Burns, PhD (Washington)	ryan.burns1@ucalgary.ca
Urban Geography	
GIScience	
Critical social theory	
Digital humanitarianism	
Urban GIS	
Political economy of technology	
Digital research methods	
Victoria Fast, PhD (Ryerson) <i>current GPD</i>	victoria.fast@ucalgary.ca
Urban GIS	
Spatial accessibility	
Volunteered geographic information systems	
Smart cities	
Social justice	
Andrea Freeman, PhD (Arizona) <i>current Dept. Head</i>	freeman@ucalgary.ca
Desert stream processes	
Geoarchaeology	
Geomorphology	
Hunter-gatherers late Quaternary climate changes	
Late Pleistocene-early Holocene archaeology	
Paleoindian and Archaic archaeology	
Radiocarbon dating	
Stratigraphy	
Wil Holden, PhD (Calgary)	wnholden@ucalgary.ca
The Philippines	
The meteorological hazards of anthropogenic climate change	
The efficacy of mining as a development strategy	
Insurgency/counterinsurgency	
State terrorism	
The roles played by liberation theology and Maoism as counter hegemonic discourses in the twenty-first century	
Dan Jacobson, PhD (Belfast)	dan.jacobson@ucalgary.ca
Blindness: Disability	
Cartography	
Geospatial science	
Human computer interaction	
Spatial cognition	
Geospatial humanities	
Darren Sjogren, PhD (Alberta)	sjogren@ucalgary.ca
Natural Hazards	
Pedagogy in international field settings	
Eliot Tretter, PhD (John Hopkins) <i>current GPD</i>	etretter@ucalgary.ca
Knowledge economy	
Urban political economy	
Digitization and Natural Resources	

Senior Instructor:

Aaron Williams, PhD (Calgary) <i>current UPD</i>	awill@ucalgary.ca
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Adjuncts:

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Simon Evans, PhD (Calgary)	evansss@ucalgary.ca
Mike Gibeau, PhD (Calgary)	mike.gibeau@ucalgary.ca
Jahan Kariyeva, PhD (Arizona)	kariyeva@ualberta.ca
Scott Ketcheson	not on file
Barb McNicol, PhD (Calgary)	bmcnicol@mtroyal.ca
Lynn Moorman, PhD (British Columbia)	lmoorman@ucalgary.ca
Tariq Munir, PhD (Calgary)	tmmunir@ucalgary.ca
Mina Nasr	mina.nasr1@ucalgary.ca
Roland Ngom	roland.ngom@albertahealthservices.ca
Kathy Rettie, (St. Andrews)	kmrettie@gmail.com
Rizwan Shahid, PhD (Calgary)	rizwan.shahid1@ucalgary.ca
Maria Stack, PhD (Hamilton)	mstrack@ucalgary.ca
Marit Rosol, PhD (Humboldt-Universität zu Berlin)	marit.rosol@ucalgary.ca
Shawn Marshall, PhD (British Columbia)	marshals@ucalgary.ca

University of the Fraser Valley

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

Departments Offer

Two departments at UFV, the Department of Geoscience and the Department of Planning, Geography & Environmental Studies offer several programs that support geography. The Department of Geoscience offers the BSc in Physical Geography program with major, minor and honours credentials, and the Certificate in Geographic Information Systems program. The Department of Planning, Geography & Environmental Studies offers the Bachelor in Community and Regional Planning program, the Bachelor of Arts in Geography program with major, extended minor, minor and honours credentials, the Bachelor of Environmental Studies program including a minor credential, and the Bachelor of Environmental Studies - Natural Science programs.

Geoscience Department

Department head:

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

Faculty:

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Physical geography	
Geomorphology	
J Hughes, PhD (Simon Fraser)	j.hughes@ufv.ca
Landscape ecology	
Paleoecology	
Soil science	
Wetlands ecology	
Olav Lian, PhD (Western Ontario)	olav.lian@ufv.ca
Quaternary sedimentology	
Stratigraphy	
Paleoenvironments	
Geochronology	
Paleoecology of non-glacial intervals	
Paraglacial sedimentation	

Kathy Peet, BSc (UNBC)	Loess-Paleosol sequences Holocene Aeolian activity	kathy.peet@ufv.ca
Scott Shupe, PhD (Arizona)	Physical geography Geographic information science Remote sensing Land use/land cover mapping and monitoring Natural resources Arid lands	scott.shupe@ufv.ca

Limited Term Faculty:

Jennifer Heatherington, MRM (Simon Fraser)	jennifer.hetherington@ufv.ca
Integrated Resource Management	
Sustainable tourism	
Regional and community planning	
Human and physical environments	

Adjunct Faculty:

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Synoptic climatology	
Climate variability	
Climate modeling	
Bernhard Puecker-Ehrenbrink, PhD (Max Planck)	bpeucker@whoi.edu
Global rivers	
Geochemistry	

Post-doctoral Fellows:

Maria Schaarschmidt	maria.schaarschmidt@ufv.ca
Luminescence dating	
Geochronology	
Environmental science	
Samuel Woor	samuel.woor@ufv.ca
Luminescence dating	
Sedimentology	
Geomorphology	
Quaternary climate change	

Planning, Geography & Environmental Studies Department

Department head:

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

Smart cities
Affordable housing

Program Chairs:

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

Faculty:

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

Limited Term Faculty:

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

Emeritus Faculty:

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

Adjunct Faculty:

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Ecosystem ecology	
Infrastructure planning	
Alissa Cook, RPP, MCIP	alissa.cook@ufv.ca
Urban planning	
Planning policy & engagement	
Refugee housing & settlement	
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Stephen O. Otieno, PhD	stephen.otieno@ufv.ca
Albert Nyiti	albert.nyiti@ufv.ca
Urban planning	
Global south urban theory	
Housing	
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Stó:lō archaeology and anthropology	
Cultural heritage, policy, and tourism	
Daniel Selbie, PhD	daniel.selbie@ufv.ca
Michael von Hausen, MA, RPP	michael.vonhausen@ufv.ca

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Department Offers

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

Faculty

Professors Emeriti:

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

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reidk@uoguelph.ca
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mmoss@uoguelph.ca
nickling@uoguelph.ca
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kctan@uoguelph.ca
jsmither@uoguelph.ca

Professors:

Aaron Berg, PhD (California-Irvine)
Hydrology and remote sensing
Spatial scaling of hydrologic features
Evan Fraser, PhD (British Columbia)
Food security, climate change and economic globalization
The history of food crises and food riots
John Lindsay, PhD (Western Ontario)
Applications of geospatial analysis to study
biophysical processes and the development of open-source GIS
Robin Roth, PhD (Clark)
Political ecology
Conservation policy and practice
Forest governance
Indigenous led conservation
North America and Southeast Asia

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jlindsay@uoguelph.ca

robin.roth@uoguelph.ca

Wanhong Yang, PhD¹ (Illinois) wayang@uoguelph.ca
 Integrated economic-hydrologic-GIS modeling
 for evaluating cost effectiveness of agricultural conservation programs

Associate Professors:

Ben Bradshaw, PhD (Guelph)	bbradsha@uoguelph.ca
Environmental Governance	
Jaclyn Cockburn, PhD (Queen's)	jaclyn.cockburn@uoguelph.ca
Impacts of climate and environmental variability on surface processes	
Sedimentary processes in freshwater systems	
Impacts of extreme events on sediment yield and sediment budgets	
Ze'ev Gedalof, PhD (Washington)	zgedalof@uoguelph.ca
Rates and mechanism of treeline advance in the Canadian Cordillera	
Fire ecology of mixed-severity fire regimes	
Tree-rings and climate	
Philip A. Loring, PhD (University of Alaska)	phil.loring@uoguelph.ca
Sustainability	
Human ecology	
Food systems	
Fisheries and coastal communities	
Faisal Moola, PhD (Dalhousie)	fmoola@uoguelph.ca
Forest conservation and management	
Ecology and ethnoecology of heathlands	
Environmental policy	
Indigenous-led conservation	
Noella Gray, PhD (Duke)	grayn@uoguelph.ca
Political ecology	
Marine conservation	
Science-policy interface	
Tourism	
Global conservation governance	
Belize and Oceania	
Roberta Hawkins, PhD (Clark)	rhwkins@uoguelph.ca
Feminist geographies	
Everyday practices of 'global change'	
Cultural politics of sustainability	
Digital geographies	
Kate Parizeau, PhD (Toronto)	kate.parizeau@uoguelph.ca
Waste management and its social context	
Mental Health in the Academe	
Jennifer Silver, PhD (Simon Fraser)	jsilve01@uoguelph.ca
Political ecology	
Cultural and digital politics	
Fisheries, aquaculture, and coastal development	

¹ Chair

Assistant Professors:

Karina Benessaiah, PhD (Arizona State)	kbenessa@uoguelph.ca
Human Dimensions of Global Environmental Change.	
Ben DeVries, PhD (Wageningen)	bdv@uoguelph.ca
Remote sensing of ecosystem change	
Disaster mapping, risk and response	
Diana Lewis, PhD (Dalhousie)	diana.lewis@uoguelph.ca
Indigenous health, environment, risk assessment, environmental impact assessment	
Indigenous methodology	
Eric Nost, PhD (Wisconsin-Madison)	enost@uoguelph.ca
Political ecology	
Digital governance	
Webmapping and GIS	
Conservation and environmental policy, markets, and justice	
Anna Stanley, PhD (Guelph)	asta@uoguelph.ca
Indigenous environmental justice	
Canadian environmental policy & resource governance	
Settler colonialism and resource governance	

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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

Professors Emeriti:

Walter E. Aufrecht, PhD (Toronto)
Rene W. Barendregt, PhD (Queen's)
Ian R. MacLachlan, PhD (Toronto)
Robert Rogerson, PhD (Macquarie)
Karl Staenz, PhD (Switzerland)
Stefan Kienzle PhD (Heidelberg)

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rjrogerson@gmx.com
karl.staenz@uleth.ca
stefan.kienzle@uleth.ca

Professors:

Shawn Bubel,¹ PhD (KU Leuven)

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

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Craig Coburn, PhD (Simon Fraser)

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Remote sensing physics
Bidirectional reflectance
Remote sensing systems
Remote sensing texture analysis
Terrain modelling
Remote sensing and GIS in forestry

Christopher Hopkinson, PhD (Wilfred Laurier)

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Lidar technology and applications
Water resources
Mountain hydrology
Forest resources

Hester Jiskoot, PhD (Leeds)

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Glacier inventory compilation and analysis

¹ Co-Chair (Faculty information as of July 1, 2024)

Ice flow dynamics and glacier surging
Snowpack trends in the Canadian Rockies
Statistical and numerical ice sheet and glacier system analysis
Rockslides on glaciers
Tributary-trunk interactions and dynamic ice flow restrictions

Daniel Johnson, PhD (UBC) dan.johnson@uleth.ca

Biodiversity
Ecology of semi-arid ecosystems
Grassland insects
Invasive species
Potato psyllid and zebra chip monitoring
Sustainable agriculture
Ecological modelling and data analysis

Matthew Letts, PhD (London) matthew.letts@uleth.ca

Climate Change and mountain hydrology
Changes in water supply resulting from climate change
Ecology of semi-arid ecosystems
Human adaptation to climate change
Local capacity to manage water
Modelling the spatial distribution of snow pack in montane regions
Eco physiology
Plant stress ecology
Microclimatology
Latin America
Environmental change, mountain terrain analysis, water studies
Fluxnet-Canada – carbon cycling, PRI

Kevin McGeough,² PhD (Penn) mcgekm@uleth.ca

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

Dena McMarn PhD (USask) dena.mcmartin@uleth.ca

Impacts of and Vulnerabilities to Climate Extremes on Rural Water Quality and Quantity
Water Scarcity and Access Challenges
Oilsands Impacts on Water Quality: Characterization and Treatment
Modular and Chemical-Free Water Treatment Design
Agricultural Water Needs & Impacts
Applied Analytical Chemistry for Ignitable Liquid Residues, Wildfire, and Air Quality

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

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

Ivan Townshend, PhD (Calgary) towni0@uleth.ca

Community social and economic impact of TSE's

² Co-Chair (Faculty information as of July 1, 2024)

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

Employment structure of First Nations communities

Gated communities and the privatization of urban space

Geography of the voluntary sector housing initiatives

Income segregation

Population health and urban ecology of well-being

Urban and rural community differences

Wei Xu, PhD (Guelph)

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Urbanism

Labor Market and Population Dynamics

Resource and Environment Management

Regional Change and Development

Land Development

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

Associate Professors:

Philip Bonnaventure, PhD (Ottawa) philip.bonnaventure@uleth.ca

Permafrost in mountain and High Arctic environments, climate change, microclimatology of mountain and boreal environments, geomorphology and Earth surface processes, hydrology, environmental modelling and Geographical Information Systems

Laura Chasmer, PhD (Queen's)

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Northern ecosystems, peatlands and wetlands, wildland fire, hydro-meteorology, carbon cycling, climate change, remote sensing/scaling

Assistant Professors:

Ken Holyoke, PhD (Toronto)

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Lithic Analysis, Lithic Quarries and Sourcing

Hunter-gatherers and place-making

Cultural resource management

North American/Northeastern North American Archaeology

Bronwyn Bragg, PhD (British Columbia)

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Migration

Urban and rural economic geography

Labour

Feminist political economy

Qualitative and community-based research methods

Instructors:

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 Marcus Dostie
 Jesse Aspinall

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Adjunct Faculty:

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Remote Sensing	
Kevin, Devito, PhD (York)	kevin.devito@ualberta.ca
Watershed Ecosystems/Hydrology	
Wayne Davies, PhD (Wales)	wdavies@ucalgary.ca
Urban Geography	
Methods	
Exploration Geography	
Philosophy of Geography	
Scott Heckbert, PhD (Melbourne)	scott.heckbert@aer.ca
Environmental Science, student training and community engagement	
Tom Jensen, PhD (U of A)	
Research, extension, and farm-level consulting experience in crops and soils.	
Larry Kawchuk, PhD (UBC)	lawrence.kawchukl@canada.ca
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Env/Sci/Hydrology	
Craig Mahoney, PhD (Swansea)	craig.mahoney@gov.ab.ca
Wetlands, LiDAR and GIS	
Ross McKenzie, PhD (Saskatchewan)	rossmckenzie@shaw.ca
Soils and Irrigated Agriculture	

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Department Offers

MA, MSc, PhD, MEnv

Faculty

Professors:

Mark Hanson^{*1}, PhD (Guelph)

Ecotoxicology

Freshwater ecosystems

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

Dorthe Dahl-Jensen¹, PhD (Denmark)

Climate change

Arctic ice

Sea levels

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

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Mark.Hanson@umanitoba.ca

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Dorthe.Dahl-Jensen@umanitoba.ca

John.Hanesiak@umanitoba.ca

Stephane.Mclachlan@umanitoba.ca

¹ Department Head

*Not Geographers

Tim Papakyriakou, PhD (Waterloo)	Tim.Papakyriakou@umanitoba.ca
Microclimatology	
Carbon cycle of high latitude aquatic and marine systems with an emphasis on GHG source/sink characteristics	
Julienne Stroeve ¹ , PhD (Colorado)	Julienne.Stroeve@umanitoba.ca
Climate Forcing of Sea Ice	
Feiyue Wang ^{*2} , PhD (Peking)	Feiyue.Wang@umanitoba.ca
Environmental chemistry	
Sea ice geochemistry	
Biogeochemistry	
Chemical oceanography	
C. J. Mundy, PhD (Manitoba)	C.J.Mundy@umanitoba.ca
Physical and biological processes controlling timing of primary production in ice-covered seas	
Sea ice and marine bio-optics	

Associate Professors:

Mary Benbow, PhD (Liverpool)	Mary.Benbow@umanitoba.ca
Critical cartography and human-nature relationships (applied to historical and contemporary zoo maps)	
Examination of messages concerning climate change in zoos (specifically in Arctic themed exhibits) and the use of overheard conversation techniques to monitor visitor response	
Photographs at the zoo: Meanings, intentions, and doings Social, cultural and environmental implications of zoos and aquariums; part of a broader field "Animal geographies"	
Bonnie Hallman, PhD (Guelph)	Bonnie.Hallman@umanitoba.ca
Geographic imagination and artistic depiction of place	
Family geographies	
Therapeutic landscapes	
Jens Ehn, PhD (Manitoba)	Jens.Ehn@umanitoba.ca
Light propagation and light-matter interactions in Arctic estuarine, marine and sea ice environments.	
Processes and feedbacks controlling air-ice-ocean interactions, sea ice formation and melting.	
Seasonal evolution, trends and variability of sea ice covered environments. Freshwater-marine interactions in Arctic and sub-Arctic coastal and shelf waters.	
Jonathan Peyton, PhD (British Columbia)	Jonathan.Peyton@umanitoba.ca
Environmental and social geographies of subarctic North America	
Megaprojects	
Energy politics and policy	
Mining	
Resource conflict	
Environmental history/historical geography	

² Canada Research Chair (Tier 1)

*Not Geographers

Political ecology

Nature and culture in Canada

Politics of environmental assessment.

Assistant Professor:

Eric Collins, PhD (Washington) Eric.Collins@umanitoba.ca
Microorganisms in the cryosphere
Metabarcoding
Genomics
Transcriptomics

Nicole J. Wilson, PhD (U British Columbia)³ Nicole.J.Wilson@umanitoba.ca
Climate justice adaptation and transformation
Water governance and policy
Water security
Indigenous governance and politics

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

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

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

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

³ Canada Research Chair (Tier 2)

Kristina Brown, PhD (U British Columbia)⁴
Arctic Oceanography
Marine biogeochemistry
Freshwater-marine coupling
Coastal ecosystems
Carbon cycle
Community-led observations

Kristina.Brown@umanitoba.ca

Instructors:

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

Distinguished Professor Emeritus:

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

⁴ Canada Research Chair (Tier 2)

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Department Offers

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

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

MA & MSc (Interdisciplinary Studies)

Faculty

Professors Emeriti:

Gail Fondahl, PhD (UC Berkeley)

Michael Rutherford, PhD (Alberta)

Professors:

Email Address:

Stephen Déry, IRC, PhD (McGill)

stephen.dery@unbc.ca

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

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

Study the water balance in the Quesnel River basin

Greg Halseth, CRC, PhD (Queen's)

greg.halseth@unbc.ca

Community development /community economic development

Restructuring in resource dependent towns

Rural and regional development

Neil Hanlon, PhD (Queen's)

neil.hanlon@unbc.ca

Community adaptation to population aging

Health service delivery in rural and remote locations

Voluntarism and community development

Peter Jackson, PhD (UBC)

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Air pollution modelling and measurement

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

Interaction of atmosphere with complex terrain

Brian Menounos, PhD (UBC)

brian.menounos@unbc.ca

Paleo-environmental reconstruction

Past and present glacier fluctuations

Sediment budgeting and sediment transport in mountain environments

Catherine Nolin ¹ , PhD (Queen's)	catherine.nolin@unbc.ca
'Development', impunity, and political violence in Guatemala	
Memory, trauma, and testimony in Guatemala	
Qualitative methods	
Social geography of forced migration and refugee movements	
Social impacts of Canadian mining in Guatemala	
Philip Owens, PhD (Exeter)	philip.owens@unbc.ca
Fine sediment dynamics and sources in watersheds	
Mining impacts on aquatic systems	
Sediment-associated contaminants and nutrients	
Sediment tracing and fingerprinting	
Watershed responses to wildfires	
Ellen Petticrew, PhD (McGill)	ellen.petticrew@unbc.ca
Biogeomorphology	
Fine sediment transfers and storage in freshwaters	
Lake restoration and community stewardship	
Landscape disturbances and linkages between terrestrial and aquatic systems	
Mining impacts on aquatic systems	
Sediment flocculation processes	
Youmin Tang, PhD (UBC)	youmin.tang@unbc.ca
Determine confidence intervals of seasonal climate predictions	
Prediction of seasonal climate using sophisticated numerical models and mathematical tools	
Roger Wheate, PhD (St. Andrews)	roger.wheate@unbc.ca
Glacier inventory and change using remote sensing	
Mountain cartography incorporating remote sensing and GIS processing	
Topographic mapping design and history	

Associate Professors:

Hossein Kazemian, PhD (Isfahan University)	hossein.hazemian@unbc.ca
Air Pollution Measurement, Analysis, and Control (environmental and workplace-industrial hygiene)	
Environmental Applications of porous materials	
Nanomaterials, green technologies	
Water and wastewater treatment technologies	
Zoë Meletis, PhD (Duke)	zoe.meletis@unbc.ca
Community-environment relations (e.g. re conservation; climate change)	
Feminist research, service, and mentoring	
Pedagogy and empathy	
Perceptions of environment (e.g. wildlife & domesticated animals; fishing)	
Tourism, ecotourism, and sea turtle tourism	
Tristan Pearce, CRC, PhD (Guelph)	tristan.pearce@unbc.ca
Arctic and South Pacific Islands Region	
Climate change vulnerability and adaptation	
Community-based research	
Traditional ecological knowledge	

¹ Chair (faculty information as of July 1, 2024)

Joseph Shea, PhD (UBC)

joseph.shea@unbc.ca

Airborne and spaceborne imagery and data

Changes in snow, ice, and water supplies in mountain regions

The role of snow, ice, and permafrost in local and regional hydrology

Unmanned air vehicle (UAV) research applications

Assistant Professors:

Theresa Adesanya, PhD (Manitoba)

theresa.adesanya@unbc.ca

Managing agroecosystems for climate change mitigation

Nutrient and contaminant fate and transport in seasonally frozen soils

Phytoremediation of contaminated sites

Use of organic amendments to enhance reclamation success of reclaimed sites

Faran Ali, PhD (Saskatchewan)

faran.ali@unbc.ca

Construction of sediment budgets for large drainage basins

Implications of climate and land use change on watershed hydrology

Spatially distributed water erosion modelling

Adam Hawkins, PhD (UNBC)

adam.hawkins@unbc.ca

Geochronologic methods, especially cosmogenic surface exposure dating

Geohazards in mountainous environments

Late Pleistocene through Holocene glacier and climate change

Siraj ul Islam, PhD (UNBC)

sirajul.islam@unbc.ca

Climate change impact assessments on snow hydrology

Dynamic Land-use modeling

Hydro-climate modeling and predictions

Hydrological data assimilation

Senior Research Scientist:

Raquel Portes, PhD (Federal University of Viçosa)

raquel.portes@unbc.ca

Geochemical erosion tracers

Geochronology dating tools

Soil erosion processes in natural and disturbed environments

Soil formation and landscape evolution in post-glacial landscapes

Senior Lab Instructors:

Ping Bai, BSc (Beijing), MSc (Windsor)

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

Adjunct Faculty:

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

Associated Faculty:

Margot Parkes

University of Ottawa / Université d'Ottawa

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Courrier électronique / Email: gegsec@uottawa.ca
Site Web / Website: <https://arts.uottawa.ca/geography>

Programmes d'études / Department Offers

BA, BSc, MA, MSc, PhD

Corps professoral / Faculty

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

Anne Gilbert, PhD (Ottawa)	agilbert@uottawa.ca
Bernard Lauriol, PhD (Montréal)	blauriol@uottawa.ca
Peter Johnson, PhD (Leeds)	peterj@uottawa.ca
Léon Ploegaerts, PhD (Montréal)	lpgeo@uottawa.ca
Denis St-Onge, PhD (Louvain)	dst-onge@gsc.nrcan.gc.ca
Barry Wellar, PhD (Northwestern)	wellarb@uottawa.ca
Konrad Gajewski, PhD (Wisconsin)	gajewski@uottawa.ca
Antoni Lewkowicz, PhD (Ottawa)	alewkowi@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
ICCCASU International think-tank: The International Council on Canadian, Chinese and African Sustainable Urbanization (https://icccasu.com/)	
Luke Copland, PhD (Alberta)	luke.copland@uottawa.ca
Dynamics, mass balance and recent changes of arctic ice caps and tidewater glaciers	
Controls on short-term variations in glacier velocity (Canadian Arctic, Yukon)	
Drift and deterioration of icebergs	
Connections between Arctic shipping, sea ice and icebergs	
Jackie Dawson, PhD (Waterloo)	jackie.dawson@uottawa.ca
Climate change	
Arctic marine governance	
Arctic shipping and tourism	
Economic Development in the Arctic	
Denis Lacelle, PhD (Ottawa)	d lacelle@uottawa.ca

Marc Saner, PhD (Basel, Switzerland)	msaner@uottawa.ca
Environmental ethics and justice	
Governance and risk management	
Science-policy interface	
Michael Sawada, PhD (Ottawa)	msawada@uottawa.ca
Health GIS applications (contextual factors)	
Improving paleoclimate reconstructions for the past 21,000 ka in North America	
Spatial analytical application development in GIS	
Spatial controls and mechanisms of late Quaternary rapid plant migrations	
André Viau, PhD (Ottawa)	aviau@uottawa.ca
Contemporary and past climate research at local to global scales during the past 21,000 years. Current focus on paleotempestology in the North Atlantic basin during the Holocene. Big data analysis using climate proxies.	

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

Professeurs agrégés / Associate Professors:

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

Anders Knudby¹, PhD (Waterloo) aknudby@uottawa.ca

¹ Department Chair

Earth Observation	
Satellite-derived Bathymetry	
Applications of satellite imagery to environmental and health science	
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	
Sonia Wesche, PhD (Wilfrid Laurier)	swesche@uottawa.ca
Human dimensions of environmental change	
Community-engaged research	
Food security	
Water security	
Indigenous health and well-being	
Canada's North	
Arctic	

Professeurs adjoints/ Assistant Professors

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

Senior Specialist

Jean Bjornson, MSc (Ottawa)	bjorn@uottawa.ca
Cold environments geomorphology	

Lecturer

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

Professeurs auxiliaires / Adjunct Professors:

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Laurence Gray, PhD (Calgary)	gray@nrcan.gc.ca
Stephen Howell, PhD (Calgary)	stephen.howell@ec.gc.ca
Elena Ponomarenko, PhD (Moscou)	eponoma3@uottawa.ca
Carolyn Whitzman (McMaster)	cwhitzma@uottawa.ca
Meisam Amani, PhD (Memorial)	meisam.amani@wsp.com
Erica Phipps, PhD (Queen's)	ephipps@uottawa.ca
Nicole Arbour, PhD (Ottawa)	nicole.arbour@belmontforum.org

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Website: <https://www.uregina.ca/arts/geography-environmental-studies/>

Department Offers

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

Faculty

Professors Emeriti:

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

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

Email Address:

Alexander.Paul@uregina.ca

Randy.Widdis@uregina.ca

Instructor Emerita:

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

Marilyn.Lewry@uregina.ca

Professors:

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

Louis.Awanyo@uregina.ca

Emily Eaton², PhD (Toronto)
Fossil fuels
Energy transitions
Natural resource economies
Political ecology
Political economy

Emily.Eaton@uregina.ca

David Sauchyn, PhD (Waterloo)
Adaptation of water management to climate change

David.Sauchyn@uregina.ca

¹ Luther College

² Head (Faculty information as of August 1, 2023)

Climatic change of the past millennium
Soil landscape sensitivity to climate variability and change

Associate Professors:

Ulrike Hardenbicker, Dr. rer. nat. (Bonn), habil (Halle) Ulrike.Hardenbicker@uregina.ca Geomorphological and geoecological influence of subsurface flow on landscape development, Processes and causes of subsurface erosion, Slope hydrology and slope stability	
Vanessa Mathews, PhD (Toronto) Craft beer and urban change Industrial heritage and gentrification Heritage and sustainability Infill development Urban space and the breastfeeding body	Vanessa.Mathews@uregina.ca
Julia Siemer, Dr. rer. nat. (Potsdam) Analysis and mapping of food accessibility Population mapping GIS and geovisualization Thematic cartography	Julia.Siemer@uregina.ca

Instructor:

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

Bernard Thraves ³ , PhD (Manitoba) Population Geography Urban Geography Geography of Saskatchewan Geography of the Caribbean	Bernard.Thraves@uregina.ca
Samantha Kerr, PhD (Regina) Paleoclimatology Paleo-proxies Hydroclimatic variability Environmental modelling	Samantha.Kerr@uregina.ca

³ Faculty of Graduate Studies and Research

University of Saskatchewan

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

(306) 966-5654 — Fax (306) 966-5680

Email: geography.planning@usask.ca

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

Department Offers

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

Faculty

Professors Emeriti:

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

Email Address:

avi.akkerman@usask.ca
w.archibald@usask.ca
dirk.deboer@usask.ca
robert.bone@usask.ca
lawrence.martz@usask.ca

Professors:

Alec Aitken, PhD (McMaster)

alec.aitken@usask.ca

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

Quaternary geology, Canadian Arctic Archipelago

Scott Bell, PhD (UC Santa Barbara)

scott.bell@usask.ca

Behavioural and cognitive geography
Geographic education
Geographic information science

Jill Blakley, PhD (Saskatchewan)

jill.blakley@usask.ca

Regional-scale impact assessment
Cumulative effects assessment (CEA)
Strategic environmental assessment (SEA)
Food security in impact assessment
Indigenous-led cumulative effects assessment

Xulin Guo¹, PhD (Kansas)

xulin.guo@usask.ca

Grassland health monitoring
Woody plant encroachment in grassland

¹ Department Head

Bram F. Noble ² , PhD (Memorial)	b.noble@usask.ca
Effects of disturbances in grassland	
Remote Sensing applications in different ecosystems	
Cumulative effects	
Environmental impact assessment effectiveness	
Resource development and environmental management	
Strategic environmental assessment	
Uncertainty analysis in environmental assessment	
Robert Patrick, PhD (Guelph)	robert.patrick@usask.ca
Indigenous planning	
Integrated watershed planning and management	
Drinking water source protection and management	
Source water protection	
John W. Pomeroy ³ , PhD (Saskatchewan)	john.pomeroy@usask.ca
Hydrological processes	
Mountain hydrology; Forest hydrology; Northern hydrology; Prairie hydrology	
Snow and ice	
Water and climate modelling	
Ryan Walker, PhD (Queen's)	ryan.walker@usask.ca
Community-based low-cost housing development	
Indigeneity and urban development	
Indigenous housing in urban areas; municipal planning with Aboriginal communities	
Program evaluation in community services	
Urban citizenship; urban planning and geography	
Cherie Westbrook, PhD (Colorado State)	cherie.westbrook@usask.ca
Beaver	
Ecohydrology	
Montane peatlands	
Wetlands and riparian areas	

Associate Professors:

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

² Vice Dean, Research, Scholarly and Artistic Work, College of Arts and Science

³ Distinguished Professor, Canada Research Chair, Director, Centre for Hydrology, Director, Global Water Futures Initiative

⁴ Executive Director, Global Institute for Water Security, starting September 1, 2023

Assistant Professors:

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

Adjunct or Associate Faculty Members:

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

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

Professional Affiliates:

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

School of Environment and Sustainability

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

University of Toronto (Mississauga)

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

Department Offers¹

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

Faculty

Emeritus Professors:

S. Munro, V. Robinson

Professors, Tenure Stream:

	<i>Email Address:</i>
Ronald Buliung, PhD (McMaster)	ron.buliung@utoronto.ca
Geographies of Disability and Ableism	
Disability Policy and Planning	
Transport Geography	
Childrens' Geographies	
Tenley Conway, PhD (Rutgers)	tenley.conway@utoronto.ca
Human-environment interactions	
Urban forests, Urban ecosystems	
Land use/land cover change	
Yuhong He, PhD (Saskatchewan)	yuhong.he@utoronto.ca
Environmental remote sensing	
Vegetation stress detection with multi-source remote sensing	
Endangered and invasive species monitoring	
Andrea Olive, PhD (Purdue)	andrea.olive@utoronto.ca
Environmental policy	
Species at risk and biodiversity	
Canada-US environmental governance	
Natural resource extraction	
Private land and landowners	
Alan Walks, PhD (Toronto)	alan.walks@utoronto.ca
The politics of automobility	
Geography of housing and homelessness	
New neighbourhood forms: gated communities and the new urbanism	

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

Political attitudes, neighbourhood inequality, and urban policy
 Urban social, political and electoral geography
 Geographies of financialization and debt

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

Associate Professors, Tenure Stream:

Matthew Adams, PhD (McMaster)	md.adams@utoronto.ca
Urban Pollution – Water, Air and Soil	
Exposure Science	
Geographic Information Science	
Spatial Statistics	
Laurel Besco, PhD (Ottawa)	laurel.besco@utoronto.ca
Environment/sustainability law and policy	
Green economy and corporate environmental norms	
Socio-legal dimensions of climate change	
Laura Brown ² , PhD (Waterloo)	lc.brown@utoronto.ca
Hydroclimatology	
Climate variability and the interactions with lake ice	
Numerical modelling of lake ice	
Remote sensing of the cryosphere	
Pierre Desrochers, PhD (Montreal)	pierre.desrochers@utoronto.ca
Energy policy	
Food policy	
Business-environment interface	
Regional development	
History of environmental thought	
Tim Duval, PhD (McMaster)	tim.duval@utoronto.ca
Ecohydrology	
Stream nutrient biogeochemistry	
Wetland hydrology and biogeochemistry	
Urban environments	
Vincent Kuuire, PhD (Western)	vincent.kuuire@utoronto.ca
Migration	
Transnationalism and integration	
Population health	
Environment and health	
Sub-Saharan Africa	
Igor Lehnher, PhD (Alberta)	igor.lehnher@utoronto.ca
Environmental contaminants (mercury, perfluoroalkyl substances, etc.)	
Climate change impacts in Northern/Arctic watersheds	

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

Nutrient and carbon cycling
Aquatic biogeochemistry
Trevor Porter, PhD (Carleton)
Dendrochronology
Paleoclimatology
Stable water isotopes
Northern Canada

trevor.porter@utoronto.ca

Assistant Professors, Tenure Stream:

Praneeta Mudaliar, PhD (Ohio State)
Human-environment interactions
Commons and collective action
Climate justice
Decolonizing Conservation

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

praneeta.mudaliar@utoronto.ca

gis.wang@utoronto.ca

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

Ghazal Fazli, PhD (Toronto)

ghazal.fazli@utoronto.ca

Associate Professors, Teaching Stream:

Monika Havelka, PhD (Western Ontario)
Restoration ecology
Ecosystem Services
Urban ecology
Environmental education

Nicole Laliberte, PhD (Pennsylvania State)
Anti-oppression pedagogies
Critical human rights
Feminist geopolitics

Joseph Leydon, PhD (Toronto)
Pedagogy
Geography of retail and marketing

monika.havelka@utoronto.ca

nicole.laliberate@utoronto.ca

joseph.leydon@utoronto.ca

Assistant Professor, Teaching Stream:

Xiaoyong Xu, PhD (Waterloo)
Hydrological Modeling and Remote Sensing
Water Resources and Water Cycle

Tingting Zhu, PhD (Toronto)
Spatial data science
Environmental Remote Sensing
Ecosystems and environment change
Mineral, microbial and ecological engineering

xiaoyong.xu@utoronto.ca

tingting.zhu@utoronto.ca

Assistant Professor, Teaching Stream (Limited Term Appointment):

Damian Maddalena, PhD (North Carolina State)	damian.maddalena@utoronto.ca
Ecosystem dynamics	
Agricultural sustainability and risk related to climate change	
Open source GIS	
Precision agriculture	
Landscape ecology	
Andrea Rishworth, PhD (Waterloo)	andrea.rishworth@utoronto.ca
Geographies of health and care	
Environment and health	
Gender and health	
Global health	
Political ecology	
Alexis Robinson, PhD (Toronto)	alexis.robinson@mail.utoronto.ca
Lake ice, snow and climate interactions	
GIS and spatial analysis	
Numerical modelling of lake ice	
Hydroclimatology of cold regions	

University of Toronto Scarborough

Department of Human Geography
1265 Military Trail, Toronto, ON M1C 1A4
(416) 208-2898 — Fax (416) 287-7283
Email: ggr.pol.gds.chairassist.utsc@utoronto.ca
Website: <http://www.utsc.utoronto.ca/~geography/>

Department Offers¹

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

Faculty

Professors Emeriti:

M. Bunce
E. Relph
J. Miron

Professors:

<i>Professors:</i>	<i>Email Address:</i>
Mark Hunter, PhD (UC Berkeley) AIDS in South Africa Education and class Geographies of health inequality Geographies of sexuality South African political economy	mark.hunter@utoronto.ca
Thembela Kepe, PhD (Western Cape) People-environment interactions, land rights, politics of development projects Politics of land use planning, rural struggles, southern Africa	thembela.kepe@utoronto.ca
André Sorensen, PhD (London, UK) 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	andre.sorensen@utoronto.ca
Sharlene Mollett, PhD (Toronto) 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	sharlene.mollett@utoronto.ca

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

Feminist and postcolonial geographies	
Residential tourism	
Steven Farber, PhD (McMaster)	steven.farber@utoronto.ca
Transportation	
Spatial analysis	
GIS	
Alison Mountz, PhD (University of British Columbia)	alison.mountz@utoronto.ca
Political geographies of migration and displacement;	
Border studies;	
Geographies of detention, political asylum, and war resistance;	
Island studies;	
Methodologies and migration;	
Feminist, queer histories of geography	
Imre Szeman, PhD (Duke)	imre.szeman@utoronto.ca
Energy and environmental humanities	
Politics of climate change	
Critical and cultural theory	
Social and political philosophy	
Nationalism and post-nationalism	
Technology and Society	

Associate Professors:

Michelle Buckley, PhD (Oxford)	michelle.buckley@utoronto.ca
Migrant construction work and theories of urbanization	
The urbanization of capital in Gulf Cooperation Council economies	
Susannah Bunce, PhD (York)	susannah.bunce@utoronto.ca
Geography and planning of urban communities and neighbourhoods	
Urban sustainability and sustainable communities	
Environmental gentrification	
Mike Ekers, PhD (Oxford)	michael.ekers@utoronto.ca
Antonio Gramsci and geography	
Ecological fixes	
Geographies of environmental work and landscapes	
Labour in the alternative food movement	
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	
Sergio Montero Munoz, PhD (UC, Berkeley)	s.montero@utoronto.ca
Urban & regional planning and governance	
Inclusive economies	
Local economic development	
Policy mobilities	
Sustainable livelihoods	
Global comparative methods	

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

Assistant Professors:

Hulya Arik, PhD (York) feminist geographies of the body feminist geopolitics security and risk studies critical geographies of secularism and Islam cultural geography cultural industries	hulya.arik@utoronto.ca
Fernando Calderón Figueroa, PhD (U of T) Social infrastructure and social capital Urban social policy Neighbourhood change Mapping technologies for urban policy Urban theory	f.calderonfigueroa@utoronto.ca
Rachel Goffe, PhD (CUNY) Black Geographies Racial capitalism Caribbean Studies Land, livelihood and informal economies Social reproduction Urban-rural interfaces	rachel.goffe@utoronto.ca
Christopher Higgins, PhD (McMaster) Spatial analysis and GIScience, Built environment and urban morphology, Accessibility and travel behaviour	cd.higgins@utoronto.ca
Zachary Hyde (PhD, British Columbia) Urban Governance Economic Geography and Sociology Development and Housing Culture Theory Qualitative Methods	zachary.hyde@utoronto.ca
Nicole Latulippe, PhD (Toronto) Nbisiing Anishinaabeg fisheries and Anishinaabe water governance and laws in the Great Lakes Indigenous environmental justice Anishinaabe legal traditions and the First Nations Land Management Act	nicole.latulippe@utoronto.ca

Urban placemaking/keeping in Mississauga treaty territory, Toronto/Tkaronto, and Aotearoa New Zealand
Identity, difference, and belonging to place

Julie Mah, PhD (University of Toronto) julie.mah@utoronto.ca

Affordable housing provision
Evictions and eviction prevention approaches
Gentrification and displacement (direct and indirect)
Value capture tools (e.g., density bonusing; inclusionary zoning)
Equitable planning approaches

Professors, Teaching Stream:

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

Associate Professor, Teaching Stream:

Glenn Brauen, PhD (Carleton) glenn.brauen@utoronto.ca
Cybercartographic atlas of the Lake Huron Treaty relationship process
Data management for freshwater monitoring in Canada's North
Geospatial knowledge models (ontologies), visualization, and geographic information systems (GIS) to support land use planning in Nunatsiavut
WebMap design utilities

University of Toronto (St. George)

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(416) 978-3375 — Fax (416) 946-3886
Email: mainoffice@geog.utoronto.ca
Website: www.geography.utoronto.ca

Department Offers¹

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

Faculty^{2,3}

Emeritus Professors:

L.S. Bourne (FRSC), UTSG, J. Britton, UTSG, R. Bryan, UTSG, M. Bunce, UTSC, I. Burton (FRSC), UTSG, A. Daniere, UTSG, T. Davis, UTSG, G. Gracie, UTSC, B. Greenwood, UTSC, A.P. Grima, UTM, R. Jaakson, UTM, R. Lewis, UTSG, J. Miron, UTSC, S. Munro, UTM, T. McIlwraith, UTM, V. McLaren, UTSG, T. Price, UTSC, E. Relph, UTSC, S.T. Rowes, S. Ruddick, UTSG, A. Waterhouse, UTSG

Professors:

George B. Arhonditsis, PhD (Aegean), UTSC

Ronald Buliung, PhD (McMaster), UTM

Karen Chapple, PhD (UC Berkeley), UTSG

Economic Geography, GIS, Spatial Analysis & Modelling,
Policy & Planning and Urban

Jing Chen, PhD (Reading), FRSC, UTSG

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

Email Address:

georgea@utsc.utoronto.ca

ron.buliung@utoronto.ca

karen.chapple@utoronto.ca

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

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

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

Nested global inversion for North America carbon budgets

Tenley Conway, PhD (Rutgers), UTM	tenley.conway@utoronto.ca
Deborah Cowen, PhD (Toronto), UTSG	deb.cowen@utoronto.ca
Geographies of citizenship, militarism, and war	
Security and cities	
Sub/urban politics	
Joe Desloges, PhD (British Columbia), UTSG	desloges@geog.utoronto.ca
Floodplain sedimentology	
Geoarcheology, B.C. and Ontario	
Glaciolacustrine sediment records, B.C., Alberta, N.W.T., Greenland, Iceland, and Norway	
Paleohydrology and environmental reconstruction	
Meric Gertler, PhD (Harvard), FRSC, UTSG	president@utoronto.ca
Economic change in the Toronto region	
Industrial cultures and practices: national, regional and local modes of governance (particularly in Canada, the United States, and Germany)	
Social foundations of economic performance: creativity, diversity, and cities	
Emily Gilbert, PhD (Bristol), UTSG	emily.gilbert@utoronto.ca
Citizenship, borders and security	
Nationalism, postcolonialism, globalization	
Social and political theory	
The culture and politics of money and North America	
Kanishka Goonewardena, PhD (Cornell), UTSG	kanishka.goonewardena@utoronto.ca
Urbanism and critical theory	
Planning practice, political thought and geo-political-economics	
Modernity and nationalism (postcolonial and diasporic)	
William A. Gough, PhD (McGill), UTSC	gough@utsc.utoronto.ca
Jason Hackworth, PhD (Rutgers), UTSG	jason.hackworth@utoronto.ca
Political economy	
Comparative urban policy	
Declining cities	
Urban abandonment	
Danny Harvey, PhD (Toronto), UTSG	harvey@geog.utoronto.ca
Climatic change due to human activities – scenarios and impacts	
Global scale potential to reduce greenhouse gas emissions through energy efficiency	
Yuhong 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
Shashi Kant, PhD (Toronto), UTM	shashi.kant@utoronto.ca
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	
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	
Sharlene Mollett, PhD (Toronto), UTSC	sharlene.mollett@utoronto.ca
Beverley Mullings, PhD (McGill), UTSG	beverley.mullings@utoronto.ca
Culture & History, Economic Geography,	
Social & Political Geography, Urban	
Andrea Olive, PhD (Purdue), UTM	andrea.olive@utoronto.ca
W. Scott Prudham, PhD (UC Berkeley), UTSG	scott.prudham@utoronto.ca
Environmental politics, policy, and social justice	
Forest politics and policy, western North America	
Political ecology	
Political economy and environment	
Katharine Rankin, PhD (Cornell), UTSG	rankin@geog.utoronto.ca
Comparative market regulation, South Asia, Southeast Asia, North America	
Critical development studies	
Planning history and theory	
Urban governance and commercial gentrification	
Matti Siemiatycki, PhD (British Columbia), UTSG	siemiatycki@geog.utoronto.ca
Community and regional planning	
Infrastructure finance and delivery	
Transportation policy and planning	
Rachel Silvey, PhD (Washington), UTSG	silvey@geog.utoronto.ca
Critical development studies	
Indonesia	
Migration	
The politics of Islam	
Transnational feminism	
Andre Sorensen, PhD (LSE), UTSC	sorensen@utsc.utoronto.ca
Imre Szeman, PhD (Duke), UTSC	imre.szeman@utoronto.ca
Sarah Wakefield ⁴ , 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
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Professors, Teaching Stream:

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 Geographic information systems (GIS) and science
 Scholarship of teaching and learning, pedagogical development
 Teaching with technology, online and blended learning

Associate Professors:

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 Peasant livelihoods in tropical forests
 Human responses to environmental change
 Cultural ecology, environment and development issues in Latin America
 Matthew Adams, PhD (McMaster), UTM md.adams@utoronto.ca
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 Environment and development in China
 Urban political ecology
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 The policy implications of cluster evolution in the face of changing
 trade environments
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 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
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 Environmental conservation and development

⁵ Chair, Department of Geography, UTM⁶ Acting Chair, Department of Human Geography, UTSC

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Faculty

Professor Emeriti:

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Waste governance	
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Politics of mapping	
History of geographical thought	

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Coupled human and natural systems	
Forest disturbances	
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Sustainability transitions	
Diffusion of innovations	
Renewable energy transformations	
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Remote sensing with synthetic aperture radar	
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Plurality of knowledge	
Tundra	
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Forest governance	
Africa studies	
Global value chains	

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Water Community Nature-based solutions Techno-ecological synergy	
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Estuarine dynamics Eelgrass ecogeomorphology Coastal sediment transport processes	
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Quaternary geomorphology Geochronology Ice sheet dynamics Glacial erosion Glacial lake outburst floods	
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Environmental governance Participatory community-based research Social justice	

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

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Urban social geography Global migration Race and ethnicity	

Geographies of international students
Caribbean studies

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Field school learning
Mountain meteorology

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Anthony Charles, PhD (UBC), Adjunct Professor
Michael Demuth, BSc (Calgary), Adjunct Professor
Yonas Dibike, PhD (Delft), Adjunct Professor
Trisalyn Nelson, PhD (WLU), Adjunct Professor
Nathaniel Newlands, PhD (UBC), Adjunct Professor
Daniel L. Peters, PhD (Trent), Adjunct Professor
Pamela Shaw, PhD (UVic), Adjunct Professor
Rajesh Shrestha, PhD (Karlsruhe), Adjunct Professor
Ian Walker, PhD (Guelph), Adjunct Professor
Stephen F. Cross, PhD (Stirling), Adjunct Associate Professor
Michele-Lee Moore, PhD (Laurier), Adjunct Associate Professor
Kyle Artelle, PhD (SFU), Adjunct Assistant Professor
Matthew Asplin, PhD (Uvic), Adjunct Assistant Professor
William Floyd, PhD (UBC), Adjunct Assistant Professor
Marcello Graziano, PhD (Connecticut), Adjunct Associate Professor
Timothy Green, PhD (Tasmania), Adjunct Associate Professor
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Department Offers

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Faculty

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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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Greenhouse gas fluxes
Hydrometeorology of boreal peatlands and forests
Reclamation
Soil-vegetation-atmosphere interactions
Alpine hydrometeorology

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Global change and tourism
Sustainable tourism
Climate change and insurance

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East Asia (China, Vietnam) and Canada
Agro-food system sustainability
Organic & ecological agriculture
Rural transformation
Environment-development interfaces, sustainable communities

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Sediment/water interactions
Land disturbance and water quality
Stormwater management

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Wetland greenhouse gas exchange
Peatland restoration and reclamation
Organic soil physics

Associate Professors:

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

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Agent based modelling
Geographic information systems
Land use change
Natural resources management

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

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Glacial numerical modeling	
Ice dynamics of ice sheets and glaciers	
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Modelling of climate variability and change	
Atmospheric teleconnections	
Aerosol-climate interaction	
Cryosphere-climate interaction	
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Government use of geospatial technology	
Mobile devices	
Open data	
The geospatial web 2.0	
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Aviation human factors and pilot training	
Educational theory related to aviation, including the shift towards competency-based education practices and the impact of e-learning in aviation	
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Development of Climate Control technologies with an emphasis on Carbon Capture and Storage. Modeling and numerical simulation of multiphase flow in porous media, fractures and faults;	
Interactions between CO ₂ and reservoir fluids; novel technologies for in situ and ex situ dissolution of CO ₂ , risk and economic assessments	
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Agent-based modelling	
Impact and responses among ecological processes, climate, and land management	
Land use, land management and the carbon cycle	
Policy impacts on land use and ecosystem services	
Terrestrial ecosystem management	
Unmanned aerial vehicles	
Retail location	
Wetland reclamation	
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Community based assessment	
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Urban climate
Impacts of neighborhood scale urban design on microclimates and human health
- Grant Gunn, PhD (Waterloo) g2gunn@uwaterloo.ca
Remote sensing and
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- Chantel Markle, PhD (Arizona) cmarkle@uwaterloo.ca
Spatial and landscape ecology
GIS, remote sensing
Hydrology approaches to drive evidence-based decision making in wildlife management and environmental policy
- Helena Shilomboleni. PhD (Waterloo) hshilombolenir@uwaterloo.ca
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Specialization working with small-scale farmers in sub-Saharan Africa
- Seth Wynes, PhD (University of British Columbia) swynes@uwaterloo.ca
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Lecturers:

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- Su-Yin Tan, PhD (Cambridge) sy2tan@uwaterloo.ca
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Vegetation and climatology; Environmental monitoring

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Science, Urban Development, Geography and Environment and Commercial Aviation
Management, Geography and Environment/HBA, Urban Development/HBA

Faculty

Professors Emeriti:

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Richard Butler, PhD (Glasgow)
Robert Cecil, PhD (McGill)
William Code, PhD (Berkeley)
Mireya Folch Serra, PhD (Queen's)
Suzanne Greaves, PhD (Waterloo)
Milford Green, PhD (Ohio State)
Don Janelle, PhD (Michigan State)
Brian Luckman, PhD (McMaster)
Jacek Malczewski, PhD (Warsaw)
Gordon McBean, PhD (British Columbia)
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Urban development and policy analysis
Jamie Baxter, PhD (McMaster)
Community responses to hazards
Environmental risks from hazards
Health
Methodology
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Community-based research	
Health impacts of environmental change	
Mixed methods	
Social determinants of health	
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Globalization and agriculture	
Land reform and social movements	
Political ecology	

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Gender	
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Biofuels	

East Africa	
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GIScience & Society	
Digital location	
Geolocation	
Platform economy	
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Carbon and biogeochemical cycles	
Vegetation dynamics	
Terrestrial biosphere/land surface modeling	
Environmental remote sensing	
Model-data fusion/data assimilation	
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Sustainability	
Biogeochemistry (phosphorus and nitrogen)	
Organic waste management	
Food systems	
Jed Long, PhD (Victoria)	jlong83@uwo.ca
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Spatial and space-time analysis	
GIScience; including spatial modelling, volunteered geographic information	
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Limnology	
Paleoecology	
Paleolimnology	
Quaternary environments	
Water quantity and quality	
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Cultural-ecology and globalization	
Socio-ecological resilience	
Social innovation	

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Examining relationships to health	
Healing and reconciliation	

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Agri-tech	
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Political ecology	
Energy justice	
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Human mobility	
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Carbon and biogeochemical cycles	
Vegetation dynamics	
Terrestrial Biosphere/Land Surface Modeling	
Environmental remote sensing	
Model-data fusion/data assimilation	
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Public spaces	

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Faculty

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Jino Distasio, PhD (Manitoba) Downtown redevelopment Homelessness and mental health Housing markets Urban Indigenous policy Urban and community planning	j.distasio@uwinnipeg.ca
Patricia Fitzpatrick, PhD (Waterloo) Impact assessment Public participation and learning Post approvals, including monitoring, follow-up, and adaptive management Environmental governance, including voluntary initiatives and corporate social responsibility Resource management in the mineral and hydroelectric sectors	p.fitzpatrick@uwinnipeg.ca

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	
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Exploring advancements in field data collection for land cover mapping using machine learning	

Associate Professors:

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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	
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Interactions between hydrological and biogeochemical processes across ecosystems	
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Western Canada	
Environmental history	
Photography and representation	
Archives and knowledge	
History of geography	
Place and public memory	
Gina Sylvestre, PhD (Manitoba)	g.sylvestre@uwinnipeg.ca
Winter pedestrianism	
Rural aging, mobility and community sustainability	
Aging and social exclusion	
Marc Vachon, PhD (Ottawa)	m.vachon@uwinnipeg.ca
Architecture and city planning (Western Canada)	
Architecture and Sense of place	
20th Century cultural avant-garde	
Migration (western Canada)	
Downtown development (Western Canada)	
Land use development	
Situationism	

Instructor

Jay Maillet, PhD (Saskatchewan)	j.maillet@uwinnipeg.ca
---------------------------------	------------------------

Dendrochronology
Dendroclimatology
Climate change impacts on boreal forest trees
Forest carbon

Professor Emeritus:

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

Senior Scholars:

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

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Department Offers

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

Faculty

<i>Regular Faculty:</i>	<i>Email Address:</i>
Matthew Bowes, PhD (U. Victoria) Human dimensions of natural resource management Urban & Regional planning and management Sustainability Social and cultural geography	matthew.bowes@viu.ca
Juliane Collard, PhD (UBC) Social geography, law and society, science and society, political ecology, feminist geography, theory and methods, political ecologies of health and the body, feminist political economy, assisted reproduction, biological and social reproduction, capitalism. <i>Post-doctoral Fellow, University of Bern, Switzerland (2020-2022)</i>	juliane.collard@viu.ca
Alan Gilchrist, PhD (U. Liverpool) Macroscale geomorphology Watershed restoration in coastal British Columbia Water resources management on Vancouver Island	alan.gilchrist@viu.ca
Michael Govorov, PhD (Siberian State Academy) GIS and spatial analysis Remote sensing GIS programming	michael.govorov@viu.ca
Jeff Lewis, PhD (U. Victoria) Awareness of climate change through education and research – public outreach Climate change impacts and adaptation Vancouver Island weather station network	jeff.lewis@viu.ca
Michele Patterson, MA (Royal Roads) Climate adaptation policy Social and cultural values in seafood and seafood communities <i>Member, VIU President's Task Force on Climate Action and Sustainability</i> <i>Chair, Geography Department and GIS Programs</i>	michele.patterson@viu.ca
Sean Sloan, PhD (U. Melbourne) Conservation and Development	sean.sloan@viu.ca

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

Hannah Wilson, PhD (Waterloo) hannah.wilson@viu.ca

Educational advances in spatial analysis
Remote predictive mapping - mineral resources in Canada's North
Remote sensing applications in resource management
Terrestrial ecosystems

Paul Zandbergen, PhD (UBC) paul.zandbergen@viu.ca

- Geographic Information Science
- Spatio-temporal analysis and modelling
- Positioning technologies and location-based services
- Error propagation modelling in spatial processes
- Terrain analysis and watershed management

Sessional / Adjunct Faculty:

Don Alexander, PhD (Waterloo) (Retired regular faculty)

don.alexander@viu.ca

Theory and practice of urban sustainability/ livability

Theory and practice of urban sustainability: Urban governance and the climate crisis

Universities as vehicles for sustainability theory and practice

Honorary Research Associate, VIU Master of Community planning program

Bill Floyd, PhD (UBC) bill.floyd@viu.ca

Forest hydrology with focus on land-use impacts to stream flow and water quality
Implications of climate change on regional stream flow and extreme events
Nutrient export from forested watersheds

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

Geography, Natural Resource Management, Coastal geomorphology

Environmental Sustainability

Michael Tripp, PhD (Victoria) (Retired regular faculty) michael.tripps@viu.ca

Historical geography—immigration

Russian protected area systems / post-Soviet Russia

Suburban social geography

Technician:

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

Macroscale geomorphology
Quaternary geology
Geography education

Local food messaging systems

Mobility and health

Philip Marsh³, PhD (McMaster) pmash@wlu.ca

Canada Research Chair in Cold Regions Water Science

Arctic hydrology

Snow accumulation, melt and runoff

Climate change impacts on the hydrology of the Arctic

Physics based hydrological modelling

Changing permafrost hydrology

Hydrology of thermokarst lakes and removal from the landscape

Impacts of beavers on the hydrology of Arctic watersheds

Arctic deltas

Robert McLeman, PhD (Guelph) rmcleman@wlu.ca

Citizen science

Community adaption to climatic variability and change

Environment and human migration

William L. Quinton, PhD (Saskatchewan) wquinton@wlu.ca

Hydrology

GIS Geochemical Cycling

Climate Change

Environmental Management

Cross-Appointed Professors:

Jen Baltzer, PhD (Toronto) jbaltzer@wlu.ca

CRC in Forests and Global Change

Forest ecology

Global change

Stress ecophysiology

Brenda Murphy, PhD (Guelph) bmurphy@wlu.ca

Community-level rural risk resiliency and technological/natural hazards
(nuclear waste, power outages, climate change, tornadoes)

Emergency management and social capital

Maple syrup ecosystems

Debora Van Nijnatten, PhD (Queen's) dvannijnatten@wlu.ca

Political Science

Climate Policy/Green Transition in Canada

Science-Policy Interface

Transboundary Water Governance

Associate Professors:

Christopher Lemieux, PhD (Waterloo) clemieux@wlu.ca

Dr. J. McMurry Research Chair in Environmental Geography

Resource and Environmental Policy and Management

Parks, Protected, and Conserved Areas

International Biodiversity Policy

³ Canada Research Chair

Nature, Human Health and Well-being

Climate Change

Management Effectiveness

Science-Policy Interface

Sheri Longboat, PhD (Wilfrid Laurier)

slongboat@wlu.ca

First Nations water planning, management and governance

Water security, justice, sustainability and change

Indigenous policy and planning

Resource and environmental management

Transdisciplinary and community-driven research

Steven Roberts, PhD (Waterloo)

sroberts@wlu.ca

Applied graph theory and oriented matroids

Combinatorial optimization

Genetic algorithms

Landscape ecology

Parallel computing

Spatial data models and data structures

Miguel Sioui, PhD (Carleton)

msioui@wlu.ca

Indigenous knowledge (IK) in the Americas

Indigenous land and water stewardship

Climate policy and action

Jason Venkiteswaran, PhD (Waterloo)

jvenkiteswaran@wlu.ca

Biogeochemical cycling of nutrients and related elements, and human- and climate-related disruptions of these cycles

Fate of biogeochemical elements via stable isotope measurements and process-based ecological models

Whole-ecosystem research on reservoir creation, ecosystem metabolism, and eutrophication

Assistant Professors:

Michael Bitton, PhD (Louisiana State University)

mbitton@wlu.ca

Coastal Geomorphology

Great Lakes Sand Dunes

Gulf of Mexico Coastal Environments

Higher Education

Jason Goetz, PhD (Waterloo)

jgoetz@wlu.ca

Geographic Information Science

Statistical and machine learning for predictions in geosciences

Spatial model validation and transferability

Landslide susceptibility modelling

Earth surface processes monitoring and change detection

Structure-from-motion photogrammetry and uncertainties

Homa Kheyrollah Pour⁴, PhD (Waterloo)

hpour@wlu.ca

Canada Research Chair in Remote Sensing of Environmental Change

Remote sensing of Environmental Change

⁴ Canada Research Chair

Remote sensing methods and mathematical modelling on lake ice and freshwater lakes

Climate change

Data assimilation using satellite observations

Lake-atmosphere interactions

Lake/land temperature monitoring

Ice thickness estimation using optical sensors

Data quality and evaluation/validation

Land monitoring using SAR imagery

Permafrost monitoring

Clouds microphysics a

Cloud microphysics and ice content monitoring using remote sensing
J.W. Spring, PhD (Wilfrid Laurier) aspring@wlu.ca

Andrew Spring, Ph.D. (www.andrewspring.ca) spring@ualberta.ca
Canada Research Chair (Tier II) in Northern Sustainable Food Systems

Sustainable Food S

Canada Research Chair (Tier II) in Northern Sustainable Food Systems Sustainable food systems

Sustainable food systems Climate Change Adaption

Climate Change Adaptation Human Geography

Human Geography Northern Research

Northern Research
Sustainable livelih

Sustainable livelihood Participatory action re

Participatory action research

Assistant Professors (Limited Term):

Terah Sportel, PhD (Guelph)
Researcher

tsportel@wlu.ca

Development geography

Political ecology / economy

Labour geography

Sustainable livelihoods

South Asia

India

York University¹
Graduate Program in Geography
Faculty of Environmental & Urban Change
4700 Keele Street, Toronto, Ontario M3J 1P3
Tel: (416) 736-5252
Graduate Program Website:
<https://www.yorku.ca/gradstudies/geography/>
Faculty Website: <https://euc.yorku.ca/>

Faculty Offers

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

Faculty

Professors Emeriti²:

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

Professors Emeriti³:

Email Address:

Rick L. Bello, PhD (McMaster)	bello@yorku.ca
Airborne deposition on ponds on the Hudson Bay Lowlands (HBL)	
Changes in wind and wave energy on the Great Lakes	
Effects of snow drifting on shrub growth on HBL	
Methane ebullition from ponds on HBL	
Sensitivity of poikilohydric plants to climate change (HBL)	
Urban evaporation	
Lewis Molot, PhD (Alaska)	lmolot@yorku.ca
Iron and phosphorus co-regulation of cyanobacterial abundance in freshwaters	
Glen Norcliffe, DSc (Bristol)	gnorclif@yorku.ca
The globalization of industry and sport	
Extractive peripheries	

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

² Listing is for past members appointed to the Graduate Program in Geography

³ Retirees actively recruiting/supervising graduate students

Linda Peake, PhD (Reading)	lpeake@yorku.ca
Caribbean geography, especially Guyana	
Critical methodologies, especially transnational feminist praxis	
Feminist, social, and urban geography	
Mental health and the academy	
Valerie Preston, PhD (McMaster)	vpreston@yorku.ca
Feminist geography	
Geographies of housing and labour markets	
International migration and Canadian cities	
Urban social geography	
Peter Vандергест, PhD (Cornell)	pvander@yorku.ca
Agrarian change	
Alternative agriculture	
Environmental governance	
Fisheries and forestry	
Southeast Asia	
Douglas Young, PhD (York)	dogoyo@yorku.ca
Legacies of modernist and socialist urbanism	
Suburban decline and renewal	
Urban infrastructure	
Urban planning and development processes	

Professors:

Alison Bain ⁴ , PhD (Cambridge)	abain@yorku.ca
Creative city theory and cultural planning	
Gender and sexual identity politics	
Geographies of artistic labour, creative practice, and cultural production	
Public space contestations and interventions	
Redevelopment and social inclusion in neighbourhoods, cities, and suburbs	
Urban social, urban cultural, and feminist geography	
Ranu Basu, PhD (Toronto)	ranubasu@yorku.ca
Space, power and the city	
Critical geographies of education	
Migrants and the city	
Cuba, Toronto, Kolkata	
Urban social and political geography	
Critical Geographic Information Systems (GIS)	
Kean Birch, PhD (Oxford Brookes)	kean@yorku.ca
Economic geography	
Technoscientific capitalism	
Assetization and rentiership	
Political economy of innovation	

⁴ Graduate Program Director

Digital economies, personal data, and AI Bioeconomies	
Martin Bunch, PhD (Waterloo)	bunchmj@yorku.ca
Ecosystem approaches	
Environment and health	
Watershed management	
System Thinking	
Geographic information systems	
International development	
Raju Das, PhD (Ohio)	rajudas@yorku.ca
Class theory	
Geographically uneven development	
Globalization/neoliberalism and rural/agrarian labour	
Political economy	
Social movements	
State-society relations	
Liette Gilbert, PhD (Los Angeles)	gilbertl@yorku.ca
Neoliberalization of migration	
Urban citizenship	
Social and spatial justice	
Political economy of sub/urbanization	
Post-disaster urban redevelopment	
Alice Hovorka ⁵ , PhD (Clark)	ahovorka@yorku.ca
Human-environment relationships	
Animal geographies	
Gender and environment	
Urban geography	
Applied human geography	
Baoxin Hu, PhD (Boston)	baoxin@yorku.ca
Photogrammetry	
Remote sensing of vegetation	
3-D measurement and modeling	
Jennifer Hyndman, PhD (British Columbia)	jhyndman@yorku.ca
Critical and feminist geopolitics	
Geographies of forced migration/immigration	
Humanitarian aid in response to conflict/asylum/disasters	
Refugee (re)settlement	
Roger Keil, Dr Phil (Johann Wolfgang Goethe)	rkeil@yorku.ca
Global suburbanisms	
Infectious disease and cities	
Urban infrastructures	
Urban governance	
Urban political ecology	
Philip F. Kelly, PhD (British Columbia)	pfkelly@yorku.ca
Economic and labour geography	

⁵ Dean, Faculty of Environmental & Urban Change

Immigration and labour in Canada	
Migration and transnationalism	
Socio-economic change in the Philippines and Southeast Asia	
Stefan Kipfer, PhD (York)	kipfer@yorku.ca
Comparative urban-regional politics and planning	
Marxist and counter-colonial traditions	
Populism and fascism	
Public housing: gentrification, privatization and redevelopment	
Suburbanization, territorial relations and regional planning	
The works of Henri Lefebvre, Antonio Gramsci and Frantz Fanon	
Theories of society, politics and the city	
Ute Lehrer, PhD (UCLA)	lehrer@yorku.ca
Condominium development and high-rise living	
Global suburbanism	
Image production in cities	
Political economy of the built environment	
Built environment, ethnicity and immigration to urban areas	
Theory and history of planning, urban design and architecture	
Christopher Lortie, PhD (British Columbia)	ecodata@yorku.ca
Biogeography	
Climate change	
Community	
Desert system restoration and management	
Invasion biology	
Joseph Mensah, PhD (Alberta)	jmensah@yorku.ca
African immigrant religion and cultural identity	
Critical development theory	
Geographies of development and health	
Neoliberalism and globalization in Africa	
Religious transnationalism	
Justin Podur, PhD (Toronto)	jpodur@yorku.ca
Forest fires	
Geographic information systems	
International development and conflict	
Tarmo Remmel, PhD (Toronto)	remmelt@yorku.ca
Shape and spatial pattern analysis	
Accuracy assessment and spatial uncertainty	
Boreal forest disturbance mapping	
Satellite and UVA remote sensing	
Scale and vegetated landscape analysis	
Patricia Wood, PhD (Duke)	pwood@yorku.ca
Citizenship, activism and protest	
Indigenous title and property rights	
Urban and regional governance in Canadian cities	
Diversity and politics of identity in Ireland	
Mobility justice	
Kathy L. Young, PhD (McMaster)	klyoung@yorku.ca

Arctic wetland hydrology
 Arctic snow hydrology
 Hydrology of extreme environments

Anna Zalik, PhD (Cornell)
 Critical geopolitics of the oil industry
 Political ecology
 (Post) coloniality
 Radical/resource geographies

azalik@yorku.ca

Associate Professors:

Laam Hae, PhD (Syracuse)
 Legal geographies
 Neoliberal urbanization
 Politics of urban subcultures
 The right to the city
 Urban political economy
 Urbanization in South Korea

lhae@yorku.ca

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

wjenkins@yorku.ca

Jennifer Korosi, PhD (Queen's)
 Limnology
 Paleolimnology
 Arctic/subarctic environmental change
 Biogeography
 Environmental contaminants

jkorosi@yorku.ca

Vanessa Lamb, PhD (York)
 Environment
 Gender
 Social and environmental justice
 Social economy
 Borders and migration
 Water governance
 Participatory research methods
 Political Ecology
 Southeast Asia

vlamb@yorku.ca

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

carlota@yorku.ca

Deborah McGregor ⁶ , PhD (U of T)	dmcgregor@osgoode.yorku.ca
Indigenous Environmental Justice	
Indigenous Governance; Sustainability	
Water Governance	
Indigenous Intellectual Traditions	
Jean Michel Montsion, PhD (McMaster)	jmmontsion@glendon.yorku.ca
Canada-Asia relations	
Critical ethnic and racial studies	
Emotional landscapes	
Gateway cities and community politics	
International education	
Roberto Quinlan, PhD (Queen's)	rquinlan@yorku.ca
Aquatic ecology	
Limnology	
Paleoecology	
Luisa Sotomayor, PhD (Toronto)	sotomay@yorku.ca
Urban Planning and Policy	
Housing	
Urban Governance	
Informality	
Participatory Planning	
Gregory Thiemann, PhD (Dalhousie)	thiemann@yorku.ca
Arctic Ecosystems	
Food Web Ecology	
Wildlife Conservation	
Resource Management	
Human-Wildlife Conflict	
Steven Tufts, PhD (York)	tufts@yorku.ca
Labour and economic development	
Labour and environment	
Labour unions and the city	
Labour market adjustment	
Workers and populism	

Assistant Professors:

Muna-Udbi Abdulkadir Ali, PhD (OISE, Toronto)	muali@yorku.ca
Black Studies	
Diaspora & Transnational Migration Studies	
Gender & Sexuality Studies	
Environmental Justice	
Public Policy Studies	
Surveillance Studies	

⁶ Canada Research Chair in Indigenous Environmental Justice

Nga Dao, PhD (York)	ngadao@yorku.ca
Agrarian change	
Environmental governance	
Political ecology	
Gender and Development	
Vietnam and Southeast Asian Development	
Mahtot Gebresselassie, PhD (Virginia Tech)	mahtote@yorku.ca
Smart mobility and equity	
Accessible physical and digital spaces	
Transportation geography	
Human-computer interaction (HCI)	
Uber and Lyft transportation in unusual events	
Platform economy and labour	
Urban design	
Ann Marie Murnaghan, PhD (York)	amfm@yorku.ca
Children and Youth	
Museum Studies	
Children's Geographies	
Cultural Geography	
Historical Geography	
Adeyemi O. Olusola, PhD (Ibadan)	aolusola@yorku.ca
Hydro-geomorphological characterization	
River dynamics and sensing	
River restoration	
Reach-scale classification	
Extreme Events	
Machine learning	
Sarah Rotz, PhD (Guelph)	rotzs@yorku.ca
Agriculture	
Critical Research Methodologies	
Indigenous Food & Land Sovereignty	
Political Ecology and Food Justice	
Climate Change	
Settler Colonial Studies	
Yvonne Su, PhD (Guelph)	yvonneasu@yorku.ca
Politics and Government	
Asian/Pacific Studies	
International Development	
Migration	
Disasters Studies	
Social Capital	
Joshua Thienpont, PhD (Queen's)	jthienpo@yorku.ca
Quaternary environments	
Landscape disturbance	
Permafrost thaw	
Aquatic ecosystems	
Arctic coasts	

Kasim Tirmizey, PhD (York)
Food and agrarian studies
Anti-colonial theory
South Asia

tirmizey@yorku.ca

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 désigner des candidates et candidats dont les noms sont ensuite soumis au Comité directeur pour approbation.

Appendix 2 / Annexe 2

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

1951	McGill University	1993	Carleton University
1952	Université Laval	1994	Wilfrid Laurier University
1953	University of Western Ontario	1995	Université de Québec à Montréal
1954	University of Manitoba	1996	University of Saskatchewan
1955	University of Toronto	1997	Memorial University of Newfoundland
1956	Université de Montréal	1998	Université d'Ottawa
1957	University of Ottawa	1999	University of Lethbridge
1958	University of Alberta	2000	Brock University
1959	University of Saskatchewan	2001	McGill University, Concordia University, and Université de Montréal
1960	Queen's University	2002	Ryerson University, University of Toronto, and York University
1961	McGill University	2003	University of Victoria
1962	McMaster University	2004	Université de Moncton and Mount Allison University
1963	Université Laval	2005	University of Western Ontario
1964	University of Western Ontario	2006	Lakehead University
1965	University of British Columbia	2007	University of Saskatchewan
1966	University of Sherbrooke	2008	Université Laval
1967	Carleton University	2009	Carleton University
1968	University of Calgary	2010	University of Regina
1969	Memorial University of Newfoundland	2011	University of Calgary
1970	University of Manitoba	2012	University of Waterloo and Wilfrid Laurier University
1971	University of Waterloo	2013	Memorial University
1972	Université de Montréal (IGC)	2014	Brock University
1973	Lakehead University	2015	Simon Fraser University
1974	University of Toronto	2016	Saint Mary's University and Dalhousie University
1975	Simon Fraser University	2017	York University
1976	Université Laval	2018	Université Laval
1977	University of Regina	2019	University of Winnipeg
1978	University of Western Ontario	2020	Virtual / virtuelle
1979	University of Victoria	2021	University of Northern British Columbia (Virtual / virtuelle)
1980	Université de Québec à Montréal	2022	Toronto Metropolitan University (Virtual / virtuelle)
1981	Grenfell College	2023	Université du Québec à Montréal
1982	University of Ottawa	2024	Memorial University of Newfoundland
1983	University of Winnipeg		
1984	Malaspina College		
1985	Université de Québec à Trois-Rivières		
1986	University of Calgary		
1987	McMaster University		
1988	St. Mary's University		
1989	Université de Québec à Chicoutimi		
1990	University of Alberta		
1991	Queen's University		
1992	University of British Columbia		

Appendix 3 / Annexe 3

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

1951	Donald F. Putnam,* University of Toronto	1979	Denis A. St-Onge, Université d'Ottawa
1952	Pierre Dagenais,* Université de Montréal	1980	Marie E. Sanderson,* University of Windsor
1953	J. Ross Mackay, * University of British Columbia	1981	J. Keith Fraser, Environment Canada
1954	Benoit Brouillette,* Ecole H.E.C.	1982	Derek C. Ford, McMaster University
1955	J. Lewis Robinson,* University of British Columbia	1983	Paul-Yves Denis,* Université Laval
1956	Pierre Camu, * Université Laval	1984	Brenton Barr, University of Calgary
1957	Trevor Lloyd,* McGill University	1985	R. Colebrook Harris,* University of British Columbia
1958	J. Brian Bird,* McGill University	1986	Leslie J. King, McMaster University
1959	Donald Kerr,* University of Toronto	1987	Roger F. Tomlinson,* Tomlinson & Associates
1960	Edward G. Pleva,* University of Western Ontario	1988	Edward W. Manning, Environment Canada
1961	William C. Wonders*, University of Alberta	1989	Terence G. McGee, University of British Columbia
1962	Lloyd G. Reeds,* McMaster University	1990	Paul Y. Villeneuve*, Université Laval
1963	F. Kenneth Hare,* McGill University	1991	Olav Slaymaker, University of British Columbia
1964	Fernand Grenier, Université Laval	1992	Michael J. Troughton,* University of Western Ontario
1965	John B. Chapman,* University of British Columbia	1993	Larry S. Bourne, University of Toronto
1966	Thomas R. Weir,* University of Manitoba	1994	Anne V. T. Whyte, CDRC
1967	Jacob Spelt,* University of Toronto	1995	John C. Everitt, Brandon University
1968	Ludger Beauregard,* Université de Montréal	1996	Bryan Massam, York University
1969	J. Howard Richards,* University of Saskatchewan	1998	Iain Wallace, Carleton University
1970	Richard I. Ruggles,* Queen's University	2000	Audrey Kobayashi, Queen's University
1971	Louis-Edmond Hamelin*, Université Laval	2002	André G. Roy, Université de Montréal
1972	Robert W. Packer,* University of Western Ontario	2004	Chris Sharpe, Memorial University of Newfoundland
1973	Peter J. Smith, University of Alberta	2006	Alison Gill, Simon Fraser University
1974	Louis Trotier,* Université Laval	2008	Dan J. Smith, University of Victoria
1975	J. Gordon Nelson,* University of Western Ontario	2010	Anne Godlewska, Queen's University
1976	Alex T. Davidson,* Environment Canada	2012	Jean Andrey, University of Waterloo
1977	Charles N. Forward,* University of Victoria	2014	Theresa Garvin, University of Alberta
1978	Ralph R. Krueger,* University of Waterloo	2016	Dan Shrubsole, Western University
		2018	Sanjay Nepal, University of Waterloo
		2020	Neil Hanlon, University of Northern British Columbia
		2022	Nathalie Gravel, Université Laval
		2024	Susan Elliott, University of Waterloo

* Deceased

Appendix 4 / Annexe 4

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

Award for Scholarly Distinction in Geography

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

Le Prix pour distinction universitaire en géographie

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

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

Award for Service to the Profession of Geography

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

Le Prix pour services rendus à la profession de géographie

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

1972	Donald F. Putnam	1996	John Parry
1973	Edward J. Pleva	1997	S. Brian McCann
1974	Benoit Brouillette	1998	no award/non attribué
1975	J. Keith Fraser	1999	Mark W. Rosenberg
1976	Pierre Dagenais J. Lewis Robinson	2000	Denis St-Onge
1977	Trevor Lloyd	2001	Margaret North
1978	J. Wreford Watson	2002	Bryan H. Massam
1979	Thomas R. Weir	2003	Jean-Marie Dubois
1980	Lloyd G. Reeds	2004	Audrey Kobayashi
1981	J. Howard Richards	2005	Peter G. Johnson
1982	Richard I. Ruggles William C. Wonders	2006	Philip J. Howarth
1983	Ralph R. Krueger	2007	John C. Everitt
1984	Peter J. Smith	2008	Len Evenden
1985	William J. Dean Norman L. Nicholson	2009	no award/non attribué
1986	J. Brian Bird	2010	Bob Sharpe
1987	Marie E. Sanderson	2011	Iain Wallace
1988	Geoffrey J. Matthews Robert W. Packer	2012	Hugh Millward
1989	Ludger Beauregard	2013	Evelyn Peters
1990	Jacob Spelt	2014	Bernard Thraves
1991	Helen Rowland Roger Tomlison	2015	Dan J. Smith
1992	Donald Kerr	2016	Valerie Preston
1993	Fernand Grenier	2017	Marilyne Jollineau
1994	Leszek Kosinski	2018	no award/non attribué
1995	Olav Slaymaker	2019	Wayne Forsythe
		2020	Dan Shrubssole
		2021	no award/non attribué
		2022	no award/non attribué
		2023	no award/non attribué
		2024	Tracy Brennand

Award for Excellence in Teaching Geography

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

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

Le Prix d'excellence pour l'enseignement en géographie

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

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

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

Award for Geography in the Service of Government or Business

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

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

Le Prix de géographie au service du gouvernement ou des affaires

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

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

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

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

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

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

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

- | | |
|------|--|
| 2011 | Mary-Louise Byrne
Ian MacLachlan
Dan Smith |
| 2016 | Jean Andrey |
| 2017 | K. Wayne Forsythe |
| 2018 | Lynn Moorman
Beth Dye
Matthew Hatvany
Marie-Pierre Guy-Dorion
Maxwell Bouchard |
| 2020 | Alison Gill |
| 2024 | Guy Vincent |

Appendix 5 / Annexe 5

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

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

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

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

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

- 2017 Brendan O'Neill, Carleton University
- 2018 Vincent Lecours, Memorial University
- 2019 Jonathan Luedee, University of British Columbia
Paul van der Werf, University of Western Ontario
- 2020 Jessica Hallenbeck, University of British Columbia
- 2021 Paul Nesbit, University of Calgary
- 2022 Miranda Monosky, Memorial University
- 2023 Farzam Fatolazadeh
Justine Townsend
- 2024 Kristi Leora Gansworth

Appendix 6 / Annexe 6

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

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

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

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

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

2003	Allison M. Williams	2014	Matthew Schnurr
2004	no award/non attribué	2015	Chantelle Richmond
2005	Michael	2016	Simon Springer
2006	Philip Kelly	2017	Jennifer Silver
2007	no award/non attribué	2018	Jennifer Korosi
2008	Isaac Luginaah	2019	Carissa Brown
2009	Jason Gilliland	2020	Gabriel Fauveaud
2010	Heather Castleden	2021	Michelle Rutty
2011	Jeffrey Masuda	2022	Sarah Rotz
2012	Rachel Bezner-Kerr	2023	Rachel Herron
2013	Martin A. Andresen	2024	Elijah Bisung

Appendix 7 / Annexe 7

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

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

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

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

Ben Woodward
Henry Clifford Shaver
Stewart Brenner
Michael Brown
Jacky Duong

Appendix 8 / Annexe 8

Study Groups / Groupes d'étude

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

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

1. **Feminist Intersectional Solidarity Group /**
Groupe de solidarité intersectionnelle féministe
 Co-Chair / Co-présidente : Shawna Lewkowitz, slewkowi@uwo.ca
 Co-Chair / Co-présidente : Martina Jakubchik-Paloheimo 19mjp6@queensu.ca
2. **Environment and Resources Study Group /**
Groupe d'étude sur l'environnement et les ressources
 Co-Chair / Co-président : Jonathan Luedee, jonathan.luedee@utoronto.ca
 Co-Chair / Co-président : Liam Kennedy-Slaney, lak9@sfu.ca
3. **Tourism and Recreation Study Group /**
Groupe d'étude en tourisme et loisirs
 Co-Chair / Co-président : Chris Fullerton, chris.fullerton@brocku.ca
4. **Economic Geography Study Group /**
Groupe d'étude sur la géographie économique
 Chair / Président : Patrick Brouder, pbrouder@tru.ca
5. Marine Studies and Coastal Zone Management Study Group /
 Groupe d'étude sur la gestion des zones maritimes et cotières
6. **Health and Health Care Study Group /**
Groupe d'étude sur la santé et les soins de la santé
 Chair / Président : Jenna Dixon, jenna.dixon@ubc.ca
 Vice-Chair / Vice-présidente : Andrea Rishworth, andrea.rishworth@utoronto.ca
7. **Indigenous Peoples Working Group /**
Groupe de travail sur les peuples autochtones
 Co-Chair / Co-présidente : Ryan Planche, plan4285@mylaurier.ca
 Co-Chair / Co-présidente : Deondre Smiles, dsmiles@uvic.ca
8. **Rural Geography Study Group /**

Groupe d'étude en géographie rurale

Chair / Président : Mery Perez, maperez@mun.ca

9. **Canadian Geomorphology Research Group /
Groupe canadien de recherche en géomorphologie**
Chair / Présidente : Jan Franssen, cgrg.gcrg@gmail.com
10. Public Policy Issues Study Group / *Dissolved / dissous 2017
Groupe d'étude sur les enjeux en politique publique
11. **Geographic Information Science (GIS) Study Group /
Groupe d'étude sur la science de l'information géographique (SIG)**
Chair / Présidente : Victoria Fast, victoria.fast@ucalgary.ca
12. **Geographies of Asia Study Group /
Groupe d'étude en géographies de l'Asie**
Chair / Président: Tom Waldichuk, twaldichuk@tru.ca
13. **Geographic Education Study Group /
Groupe d'étude sur l'éducation géographique**
Co-Chair / Co-présidente : Kelley McClinchey, kmcclinchey@wlu.ca
Co-Chair / Co-présidente : Chantal Déry, chantal.dery@uqo.ca
14. **Diversity, Migration, Ethnicity and Race Study Group /
Groupe de recherche sur la diversité, la migration, l'ethnicité et la race**
Co-Chair / Co-présidente : Sutama Ghosh, sutama@torontomu.ca
15. **Historical Geography Study Group /
Groupe d'étude en géographie historique**
Chair / Président : Matt Dyce, m.dyce@uwinnipeg.ca
16. **The Urban Geography Study Group /
Groupe d'étude en géographie urbaine**
Chair / Président : Evan Cleave, evan.cleave@torontomu.ca