



**News Digest of the Canadian Association of Geographers
No. 457, October 17, 2017**

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U British Columbia's Daniel Hiebert on report that 1 in 5 West Vancouver households 'low income': The affluent community of West Vancouver, where average home prices hover at \$3 million, has one of the highest rates of people with “low income” in Metro Vancouver. While rates of poverty are definitely up in suburban areas these days, seeing such high rates of low income in West Vancouver just doesn't appear accurate in the face of “all that real estate wealth and watching that Lamborghini buzz by you on the Lions Gate Bridge”. Daniel Hiebert, a University of British Columbia geography professor who has studied international migration and its impact on the housing market, said such numbers only make sense in the context that “wealth and income are separate things and we record and tax income, but leave wealth alone in Canada.” West Vancouver has some similar patterns to Richmond in this regard, says Hiebert, where immigrants rely on wealth from overseas to buy into the local real estate market. “Does this mean people are poor?” he asks. “No. It means we're not tracking an essential component of economic well-being: wealth.” There is also the possibility of undeclared income, whether that is acquired in Canada or abroad, he adds. For instance, gifts of money among family members don't have to be declared, he said. [North Shore News](#)

U Toronto Scarborough's Steven Farber plays role in City of Toronto's Bloor Street bike lane evaluation: Toronto City Council will decide the fate of the Bloor Street bike lanes on Nov. 7. The lanes – running from Shaw Street to Avenue Road – were installed as a pilot project to encourage more Torontonians to get on their bikes. Experts from all over the city, including the University of Toronto, contributed to a massive and thorough evaluation of the bike lanes – looking at everything from safety to how the lanes affected local business. The evaluation involved U of T students – both undergraduate and graduate – as well as faculty and staff from across the university, including the Faculty of Applied Science & Engineering, Dalla Lana School of Public Health, department of human geography at U of T Scarborough, and the school of the environment in the Faculty of Arts & Science Steven Farber, assistant professor in the department of human geography, Lee Vernich, research manager at Dalla Lana, and U of T students. The study was in partnership with the Toronto Centre for Active Transportation, the City of Toronto and local business improvement areas. “There were concerns the bike lane would be bad for business,” says Farber, the study's data analysis lead. U of T students were important contributors to the study, which has the potential to make a real impact on city life, says Savan. U of T students took to the streets, interviewing business owners, cyclists, motorists and pedestrians and conducting bike counts before and after the bike lanes were installed to find out if this was the case. [U of T News](#)



U Victoria Geography alumnus Gavin C. Dirom appointed as President and CEO of Geoscience BC. Dirom holds a M.Sc. degree in Environmental Management from Royal Roads University, a double-major B.Sc. in Physical Geography and Environmental Studies from the University of Victoria and is a registered Professional Agrologist. [Nasdaq](#)

Memorial University's SmartICE project, headed by Dr. Trevor Bell, Department of Geography, Faculty of Humanities and Social Sciences, has been named one of 19 recipients of the [United Nations \(UN\) Momentum for Change Climate Solutions Award](#). Developed at Memorial University of Newfoundland, this tool helps Inuit adapt to thinning sea-ice by providing information to aid in the planning of safe routes on the ice, thus reducing travel risks. [SmartICE](#)

In memoriam: Prof. Warwick Armstrong. The McGill Department of Geography is saddened by the passing of Prof. Warwick Armstrong, a former faculty member in Geography. [McGill Geography - Armstrong](#)

In memoriam: Helen Rowland. The McGill Department of Geography is saddened by the passing of Helen Rowland, longtime staff member in the Department and in the Canadian Association of Geographers. [McGill Geography - Rowland](#)



The Canadian Association of Geographers-Ontario Division [annual meeting](#) will be hosted by Queen's University on **October 20-21, 2017**. The theme of the conference is Geographical Perspectives: Approaching a Complex World.

Please click here to access the [CAGONT 2017 Schedule](#) (pdf, 101 kB). Please note that this document may be subject to some change before the conference.

Please click here to access the [CAGONT 2017 paper presentation and poster sessions Program](#) (pdf, 1.30MB). Please note that this document may be subject to some change before the conference.

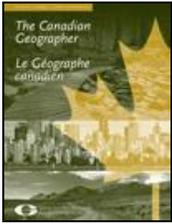
Recent Theses and Dissertations

Philip Akins. 2017. [Making collaboration work: an evaluation of marine protected area planning processes on Canada's Pacific Coast](#). PhD dissertation. Department of Geography, University of Victoria, Victoria, British Columbia. Supervisor: Rosaline Canessa.



ACAG / ACGA 28th Annual Meeting [Website](#)

New in [The Canadian Geographer / Le Géographe canadien](#)



Julie Mallet, Guillaume Fortin and Daniel Germain. 2017. [Extreme weather events in northeastern New Brunswick \(Canada\) for the period 1950–2012: Comparison of newspaper archive and weather station data](#). *The Canadian Geographer / Le Géographe canadien*. DOI:10.1111/cag.12411

In the context of global warming, changes in extreme weather and climate events are expected, particularly those associated with changes in temperature and precipitation regimes and those that will affect coastal areas. The main objectives of this study were to establish the number of extreme events that have occurred in northeastern New Brunswick, Canada in recent history, and to determine whether their occurrence has increased. By using archived regional newspapers and data from three meteorological stations in a national network, the frequency of extreme events in the study area was established for the time period 1950–2012. Of the 282 extreme weather events recorded in the newspaper archives, 70% were also identified in the meteorological time series analysis. The discrepancy might be explained by the synergistic effect of co-occurring non-extreme events, and increased vulnerability over time, resulting from more people and infrastructure being located in coastal hazard zones. The Mann Kendall and Pettitt statistical tests were used to identify trends and the presence of break points in the weather data time series. Results indicate a statistically significant increase in average temperatures and in the number of extreme events, such as extreme hot days, as well as an increase in total annual and extreme precipitation. A significant decrease in the number of frost-free days and extreme cold days was also found, in addition to a decline in the number of dry days.

Doug Ramsey and Christopher D. Malcolm. 2017. [The importance of location and scale in rural and small town tourism product development: The case of the Canadian Fossil Discovery Centre, Manitoba, Canada](#). *The Canadian Geographer / Le Géographe canadien*. DOI:10.1111/cag.12409

This paper begins with a review of the literature on tourism in rural economies, to establish a framework for analyzing large-scale tourism products in rural and small town regions. The review is followed by the development of a typology of large-scale attractions in rural and small town regions, including parks, casinos, events, heritage, and cultural products. The typology leads into the example of the Canadian Fossil Discovery Centre (CFDC) in Manitoba, Canada. Located in an agricultural region of south-central Manitoba, the community of Morden is located 125 km from the provincial capital city, Winnipeg, which had a population of 811,900 in 2016. Morden is also located 35 km north of the border with North Dakota. Thus, while a small town in a traditionally rural region still dependent upon an agricultural economic base, Morden has been recently successful in diversifying its economy, including through manufacturing, services, hospitality, and tourism. In part, this success is due to a south-central Manitoba location; however, it is also the result of innovative local leadership, including the prioritization of hospitality and tourism related to the CFDC. This paper describes the case study as an example of successful tourism development within an already economically and socially diversifying region.

Ashleigh Patterson and Richard Harris. 2017. [Landlords, tenants, and the legal status of secondary suites in Hamilton, Ontario](#). The Canadian Geographer / Le Géographe canadien. DOI:10.1111/cag.12421

Although secondary suites account for about a quarter of all rental accommodation in Canadian cities, we know little about their owners, occupants, or legal status. To address these issues, an online questionnaire survey of tenants, with follow-up interviews, was undertaken in Hamilton, Ontario, in 2015. It revealed that most occupants of suites had incomes lower than the average for all tenants, and that the owners were equally divided between resident landlords, local absentee owners, and property owners living outside Hamilton. Almost half of all tenants were unsure about the legal status of their suite, possibly indicating their indifference to the issue. Illegal suites were concentrated in the properties with the fewest rental units. The tenants of smaller properties owned by resident landlords were more satisfied.

Hot Papers by Canadian Geographers

Brindusa Cristina Budei, Benoît St-Onge, Chris Hopkinson and Félix-Antoine Audet. 2017. [Identifying the genus or species of individual trees using a three-wavelength airborne lidar system](#). Remote Sensing of Environment. doi.org/10.1016/j.rse.2017.09.037

Rianna Burnham. 2017. [Acoustics, biogeography and whales](#). Progress in Physical Geography 41:676-685.

Benoit Faucher, Denis Lacelle, Alfonso Davila, Wayne Pollard, David Fisher and Christopher P. McKay. 2017. [Physicochemical and biological controls on carbon and nitrogen in permafrost from an ultraxerous environment, McMurdo Dry Valleys of Antarctica](#). Journal of Geophysical Research. Biogeosciences. DOI: 10.1002/2017JG004006

James D. Ford, Nicole Couture, Trevor Bell and Dylan Clark. 2017. [Climate change and Canada's north coast: Research trends, progress, and future directions](#). Environmental Reviews. doi.org/10.1139/er-2017-0027

Stefan Gössling, Martin Lohmann, Bente Grimm and Daniel Scott. 2017. [Leisure travel distribution patterns of Germans: Insights for climate policy](#). Case Studies on Transport Policy. doi.org/10.1016/j.cstp.2017.10.001

Aruna Herath, Baoluo Ma, Jiali Shang, , Jianguo Liu, Taifeng Dong, Xianfeng Jiao, John Kovacs and Dan Walters. 2017. [On-farm spatial characterization of soil mineral nitrogen, crop growth, and yield of canola as affected by different rates of nitrogen application](#). Canadian Journal of Soil Science. doi.org/10.1139/CJSS-2017-0024

Julia M.L. Laforge and Stéphane M. McLachlan. 2017. [Environmentality on the Canadian Prairies: Settler-farmer subjectivities and agri-environmental objects](#). Antipode. DOI:10.1111/anti.12362

Matt McWilliams, Max Liboiron and Yolanda Wiersma. 2017. [Rocky shoreline protocols miss microplastics in marine debris surveys \(Fogo Island, Newfoundland and Labrador\)](#). Marine Pollution Bulletin. doi.org/10.1016/j.marpolbul.2017.10.018

Patrick O'Brien and Cheryl McKenna Neuman, 2017. [An experimental study of the dynamics of saltation within a three-dimensional framework](https://doi.org/10.1016/j.aeolia.2017.09.003). Aeolian Research. doi.org/10.1016/j.aeolia.2017.09.003

David Sauchyn and Nesa Ilich. 2017. [Nine hundred years of weekly streamflows: Stochastic downscaling of ensemble tree-ring reconstructions](https://doi.org/10.1002/2017WR021585). Water Resources Research. DOI:10.1002/2017WR021585

Jeremy John Escobar Torio and Chui-Ling Tam. 2017. [Indigenous power struggles in the Peruvian Amazon: a spatio-cultural analysis of communication](https://doi.org/10.1080/17524032.2017.1371055). Environmental Communication. doi.org/10.1080/17524032.2017.1371055

Piotr Wilk, Andrew F. Clark, Alan Maltby, Patricia Tucker and Jason A. Gilliland. 2017. [Exploring the effect of parental influence on children's physical activity: The mediating role of children's perceptions of parental support](https://doi.org/10.1016/j.yjmed.2017.10.018). Preventive Medicine. doi.org/10.1016/j.yjmed.2017.10.018

Other “Geographical” News

Vancouver map helps hungry people find healthy, low-cost food: Vancouver Coastal Health has developed an [online map](#) that helps people who struggle to pay for healthy food get access to what they need. The [Vancouver Food Asset Map](#), developed with help from local partners, can help users find low-cost or free meals, free or subsidized grocery items, kitchen or food programs, retail stores or markets, neighbourhood food networks and community organizations.

How Champlain put eastern Canada on the map: A new book examines how Samuel de Champlain, who crossed the Atlantic 27 times, was able to explore and accurately map many parts of eastern Canada. His work would be continued by settlers who started to think of themselves as not French but “Canadiens.” thestar.com

Some Not So “Geographical” News



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