



**News Digest of the Canadian Association of Geographers
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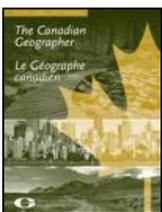
U Guelph's Jaclyn Cockburn's stream restoration research aims to restore habitat of endangered species: You've probably never heard of a redbreasted dace before and you might never see one if it becomes extinct. That's because the habitat of this endangered species, a member of the minnow family, is being degraded by agricultural and urban development in southern Ontario. You've probably never heard of a redbreasted dace before and you might never see one if it becomes extinct. That's because the habitat of this endangered species, a member of the minnow family, is being degraded by agricultural and urban development in southern Ontario. The researchers are conducting field studies where they measure the depth, slope, speed and temperature of streams along with recording videos of fish populations that live there. A flow modelling program determines the best design elements for the stream restoration, such as the number of bends and the right mix of gravel and small rocks for the stream bed. Stream restoration might involve "undoing some of the damage that was done during agricultural land use," she says. "Sometimes restoration is focused on mitigating or counteracting the damage associated with present urban development." Some stream restoration projects are more challenging than others. Highland Creek in Toronto, for example, runs through a well-established neighbourhood with properties butting against the creek. "The types of stream restoration we can do there are somewhat limited," says Cockburn. "What can you do in that space that's going to be best for that stream and also best for the neighbouring land uses around that?" Undeveloped land offers more opportunities to rehabilitate streams before residential and commercial construction begins. [U Guelph News](#)

Concours pour le nouveau logo de la Société de géographie de Québec: La Société de géographie de Québec lance un concours pour l'élaboration de son nouveau logo et invite des gens créatifs et passionnés de géographie à soumettre leur réalisation à la SGQ (sgq@ggr.ulaval.ca) avant la mi-avril 2016. L'image devra être soumise en format .png et être accompagnée d'une brève biographie du participant par rapport à son intérêt envers la géographie. Un prix de 100\$ sera remis à la personne dont le logo sera retenu. La SGQ est une association créée en 1877 qui diffuse les connaissances et la progression de la science géographique. Elle a pour mission d'offrir une plateforme d'échange en plus de promouvoir et développer l'apport géographique aux enjeux sociétaux, autant à l'échelle de la ville de Québec que sur le plan international. La SGQ s'implique notamment dans l'organisation de conférences et de colloques, dont le plus récent a été celui des Journées sur les sols vivants en novembre 2015. [U Laval Géographie](#)

Memorial U's Leela Hazzah and Alistair Bath working with Maasai lion hunters to achieve conservation: An associate professor of geography at Memorial is playing a small role in a big project helping to turn African lion killers into lion guardians. Under the direction of Dr. Leela Hazzah, whose non-profit organization Lion Guardians employs 80 guardians throughout East Africa, Dr. Alistair Bath works with Maasai lion killers outside of protected areas near Amboseli in Kenya. The young Maasai warriors, some of whom have killed several lions before becoming a lion guardian, are proven excellent lion trackers, can get close to the big cats and have the earned respect of their community—and therefore can control others who may wish to kill a lion. Dr. Bath works in the field of human dimensions in wildlife management, a research area that involves listening and learning about beliefs, values, attitudes and behaviours of those people most affected by the resource and who can affect the resource the most. In this case, those most affected by the resource are the lions and those who can affect the resource the most are the Maasai, he says. Dr. Bath has been working with Dr. Hazzah to better understand the predictors of lion killing, which are mainly determined by attitudes toward lions, values and beliefs, including the defence of property, and socio-cultural killing intentions. According to Dr. Bath, influencing attitudes may help reduce lion killing. [Memorial U Gazette](#)

Simon Fraser U multimedia cartography students gain modern map and app design skills: Digital maps are everywhere. We use them in activities such as to plan our travel routes, browse weather information, communicate research results, document human and physical resources, and to gain a better spatial understanding of our world. Traditionally, paper was the standard medium for maps and atlases. But increasingly there is a need to blend various media and technologies to create and present map-based information to a wider range of end-users. Reading maps may be intuitive and fun but creating effective maps can be more rewarding and exciting. Students from the GEOG 351 (Multimedia Cartography) course are currently participating in hands-on learning to understand the theories and technological tools needed to create effective maps. During the course, students have designed and created paper maps, paper atlases, web-based story maps, and are in the process of developing geographic apps that can be used from the web or by smartphones. In addition, some students have formed teams to participate in a one-week Canada-wide App Challenge competition through the SFU Esri Canada Center of Excellence within the Geography Department. [SFU Geography](#)

New in [The Canadian Geographer](#)



Michelle Daigle. 2016. Awawanenitakik: [The spatial politics of recognition and relational geographies of Indigenous self-determination](#). The Canadian Geographer / Le Géographe canadien. DOI:10.1111/cag.12260

Tom Koch. 2016. [Fighting disease, like fighting fires: The lessons Ebola teaches](#). The Canadian Geographer / Le Géographe canadien. DOI: 10.1111/cag.12258

Nargiz Rahimova, Hayley Hessel and Pekka Silven. 2016. [Factors affecting water market acceptance: A case study of stakeholders in southern Alberta, Canada](#). The Canadian Geographer / Le Géographe canadien. DOI: 10.1111/cag.12259



U British Columbia geography PhD student Craig A. Jones wins UBC's Three Minute Thesis competition this year! His presentation, *The War Lawyers*, won First Place and People's Choice out of 100 participating graduate students' presentations. Craig will now advance to the Western regional competition at UBC-Okanagan at the end of April. [UBC Geography](#)

U Victoria's David Duffus spoke live on air with CFX Radio, with audience questions about the WHaLE monitoring project and the use of a subsea ocean glider. [UVic News](#)

U Toronto President and geographer Meric Gertler rejects calls to divest from fossil fuel industry and says there are several ways for the university to reduce its greenhouse gas emissions by pursuing research and education focused on addressing the challenges of climate change. [CBC 'As it Happens'](#).

U Waterloo Department of Geography and Environmental Management congratulates Association of Ontario Land Surveyors Educational Foundation Award Winners **Paul Donchenko** and **Mark Ong**. [UWaterloo GEM](#)

Saint Mary U's undergraduate students Sandrico Provo and Joanne Fitzgibbons played important roles in a recent full-day symposium "Halifax: The Politics of Space," hosted by SMU's Centre for the Interdisciplinary Study of Culture. Sandrico Provo was a member of the panel "*Black Students in SMU and Halifax: A Conversation*" while Joanne Fitzgibbons organized and moderated the panel "*Do Young People Care? Urban Planning and Out-Migration*". [Saint Mary U Geography](#)

Hot Papers by Canadian Geographers

David F. Attaway, Kathryn H. Jacobsen, Allan Falconer, Germana Manca and Nigel M. Waters. 2016. [Risk analysis for dengue suitability in Africa using the ArcGIS Predictive Analysis Tools \(PA Tools\)](#). Acta Tropica. DOI:10.1016/j.actatropica.2016.02.018

Julia Bentz, Fernando Lopes, Helena Calado and Philip Dearden. 2016. [Sustaining marine wildlife tourism through linking Limits of Acceptable Change and zoning in the Wildlife Tourism Model](#). Marine Policy 68:100–107.

Micah J. Hewer and William A. Gough. 2016. [Weather sensitivity for zoo visitation in Toronto, Canada: a quantitative analysis of historical data](#). International Journal of Biometeorology. DOI:10.1007/s00484-016-1154-7

Stephen E.L. Howell, Michael Brady, Chris Derksen and Richard E.J. Kelly. 2016. [Recent changes in sea ice area flux through the Beaufort Sea during the summer](#). Journal of Geophysical Research – Oceans. DOI:10.1002/2015JC011464

Jean-Sébastien Landry and Lael Parrott. 2016. [Could the lateral transfer of nutrients by outbreaking insects lead to consequential landscape-scale effects?](#) Ecosphere 7, article e01265

Jean-Sébastien Landry, David T. Price, Navin Ramankutty, Lael Parrott and H. Damon Matthews. 2016. [Implementation of a Marauding Insect Module \(MIM, version 1.0\) in the Integrated Biosphere Simulator \(IBIS, version 2.6b4\) dynamic vegetation–land surface model](#). Geoscientific Model Development 9:1243-1261.

F. Oliva, A.E. Viau, J. Bjornson, N. Desrochers and M.-A. Bonneau. 2016. [A 1300 year reconstruction of paleofloods using oxbow lake sediments in temperate southwestern Quebec, Canada](#). Canadian Journal of Earth Sciences 53:378-386.

Maara S. Packalen, Sarah A. Finkelstein and James W. McLaughlin. 2016. [Climate and peat type in relation to the spatial variation of the peatland carbon mass in the Hudson Bay Lowlands, Canada](#). Journal of Geophysical Research – Biogeosciences. DOI:10.1002/2015JG002938

Luisa F. Ramirez. 2016. [Marine protected areas in Colombia: Advances in conservation and barriers for effective governance](#). Ocean & Coastal Management 125, 49-62.

Murray D. Rice, Anthony Ostrander and Chetan Tiwari. 2016. [Decoding the development strategy of a major retailer: Wal-Mart's expansion in the United States](#). The Professional Geographer. DOI:10.1080/00330124.2016.1140494

Juan Valencia Saravia and Shuguang Wang. 2016. [Why Best Buy's dual brand strategy failed in Canada](#). The Professional Geographer. DOI:10.1080/00330124.2016.1140495

Sharon L. Smith, Daniel W. Riseborough, Philip P. Bonnaventure and Caroline Duchesne. 2016. [An ecoregional assessment of freezing season air and ground surface temperature in the Mackenzie Valley corridor, NWT, Canada](#). Cold Regions Science and Technology 125:152–161.

Shanley D. Thompson, Trisalyn A. Nelson, Ian Giesbrecht, Gordon Frazer and Sari C. Saunders. 2016. [Data-driven regionalization of forested and non-forested ecosystems in coastal British Columbia with LiDAR and RapidEye imagery](#). Applied Geography 69:35-50.

Recent Theses and Dissertations

Carolyn Emon. 2016. Human trafficking: an examination of available services and support in Prince George, BC. MA thesis. Interdisciplinary Studies, University of British Columbia, Prince George. Supervisor: Neil Hanlon.

Other “Geographical” News

Statistics Canada releases fact sheets on Inuit regions: Inuit living in Inuit Nunangat are more likely to live in crowded homes, are less likely to have post secondary education credentials and are less likely to live with both of their parents than non-aboriginal people in the same area, according to new data released by Statistics Canada. Its new fact sheets summarize information on Inuit living in Inuit Nunangat — the four Inuit regions in the country: Nunavut, Nunavik in northern Quebec, Nunatsiavut in Labrador and the Inuvialuit Settlement Region in the Northwest Territories. The data comes from the 2011 Household Survey and the 2012 Aboriginal People's Survey. [CBCNews|North](#)

Massive deforestation found in Brazil's Cerrado: Agricultural expansion in Brazil's Cerrado is quickly chewing up rainforests and savannas -- even altering the region's water cycle, a new study finds. [ScienceDaily](#)

Some not so “Geographical” News

SEARCH INTEREST IN "MOVE TO CANADA" REACHED ITS HIGHEST POINT

Google Trends

in the US since 2004



The CAG works for geographers on [Twitter](#). Keep up-to-date by following [@CanGeographers](#)
GeogNews Archives: <http://www.geog.uvic.ca/dept/cag/geognews/geognews.html>
[@CanGeographers Weekly](#): <https://paper.li/CanGeographers/1394987315>
