



**News Digest of the Canadian Association of Geographers
No. 438, March 28, 2017**

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Queen's U's Leela Viswanathan recognized with the American Association of Geographer's 2017 Enhancing Diversity Award: The [award](#) is given annually, and recognizes Leela's efforts to decolonize urban planning and the success that she has had in bringing indigenous and non-indigenous planners into discussions about enhancing Indigenous-led planning. [Queen's Geography](#)

U Saskatchewan's John Pomeroy on drainage woes plaguing Saskatchewan: Flooding costs are now annually plaguing the Saskatchewan Highways Ministry as seen last year when a major section of the Yellowhead Highway was damaged. John Pomeroy, Canada Research Chair in Water Resources and Climate Change at the University of Saskatchewan, said we simply have "stop what we are doing." Many lakes and creeks in Saskatchewan and western Manitoba were created when the Lake Agassiz glacier retreated 10,000 to 30,000 years ago. The glacier scraped our flat topography, leaving behind small lakes, sloughs, potholes, and creeks with reeds, willows and poplars that soaked up high precipitation before it could make it to a river. Pomeroy calls these "fill and spill sloughs" where only 5 to 10% of precipitation makes its way into flowing rivers. Pomeroy has extensively studied the basin of the Smith Creek that flows near Langenburg along the Manitoba-Saskatchewan border. There, the 98 km² of wetlands (24%) in the Smith Creek River Basin in 1958 has been reduced to 43 km² (11%) of wetlands today. The flow of a once dry-in-the-summer creek has increased fourfold since 1995. Pomeroy now calls the Smith Creek basin "the biggest hydrological change on the planet." Add into the equation the increased frequency of multiple-day rain events like what Stuart experienced in 2014, and Pomeroy fears that the Quill Lakes are our next potential disaster. [Regina Leader-Post](#)

Carleton U's Emilie Cameron is a finalist for the 2017 Canada Prize for her book, [Far Off Metal River: Inuit Lands, Settler Stories, and the Making of the Contemporary Arctic](#). The Canada Prizes are awarded to books that make an exceptional contribution to scholarship, are engagingly written, and enrich the social, cultural and intellectual life of Canada. [Carleton U News](#)

U Ottawa names Jackie Dawson as recipient of Young Researcher of the Year Award: Jackie Dawson is the Canada Research Chair in Environment, Society and Policy and an internationally recognized leader in collaborative and interdisciplinary research in Arctic studies and marine governance. Her work has informed decisions taken by the Arctic Council, the International Institute for Strategic Studies and the Centre for International Governance and Innovation. Dawson is committed to preparing the next generation of researchers through her lab, which acts as a training hub for graduate students as well as northern research assistants. [U Ottawa Geography](#)



Carleton U's Michael Brklacich one of research leads in newly Launched program for climate change scholars in Sub-Saharan Africa and Canada. The initiative involves universities in Tanzania, Malawi and Ghana and will take place from 2017 to the end of 2020. [Carleton Newsroom](#)

U Guelph's Evan Fraser and Kate Parizeau are featured in a TVO Documentary series that will be airing March 31 at 7:30 pm. Tune in to [The Water Brothers](#), Season 4 show titled "*More Food, Less Water*".

York U's Glen Norcliffe awarded a Visiting Fellowship at Fitzwilliam College at the University of Cambridge to work on his next book on post-global geographies of industries. [York U Geography](#)

Hot Papers by Canadian Geographers

Adrien N. Djomo and Cédric D. Chimi. 2017. [Tree allometric equations for estimation of above, below and total biomass in a tropical moist forest: Case study with application to remote sensing](#). Forest Ecology and Management 391:184–193.

Eran Feitelson and Amit Tubi. 2017. [A main driver or an intermediate variable? Climate change, water and security in the Middle East](#). Global Environmental Change 44:39–48.

Marco G Jorge and Tracy A Brennand. 2017. [Measuring \(subglacial\) bedform orientation, length, and longitudinal asymmetry – Method assessment](#). PLOS|One. doi.org/10.1371/journal.pone.0174312

Scott Jasechko, Leonard I. Wassenaar and Bernhard Mayer. 2017. [Isotopic evidence for widespread cold-season-biased groundwater recharge and young streamflow across central Canada](#). Hydrological Processes. DOI:10.1002/hyp.11175

Oliver Keane, Peter V Hall, Nadine Schuurman and Paul Kingsbury. 2017. [Linking online social proximity and workplace location: social enterprise employees in British Columbia](#). Area. DOI:10.1111/area.12333

S.V. Kokelj, M.J. Palmer, T.C. Lantz and C.R. Burn. 2017. [Ground temperatures and permafrost warming from forest to tundra, Tuktoyaktuk Coastlands and Anderson Plain, NWT, Canada](#). Permafrost and Periglacial Processes. DOI:10.1002/ppp.1934

Hans W Linderholm, Marie Nicolle, Pierre Francus, Konrad Gajewski, Samuli Helama, Atte Korhola, Olga Solomina, Zicheng Yu, Peng Zhang, William J D'Andrea, Maxime Debret, Dmitry Divine, Björn E Gunnarson, Neil J Loader, Nicolas Massei, Kristina Seftifgen, Elizabeth K Thomas and Johannes Werner. 2017. [Arctic hydroclimate variability during the last 2000 years – current understanding and research challenges](#). Climate of the Past. Discussions. DOI:10.5194/cp-2017-34

M C Lukenbach, K J Hokanson, K J Devito, N Kettridge, R M Petrone, C A Mendoza, G Granath and J M Waddington. 2017. [Post-fire ecohydrological conditions at peatland margins in different hydrogeological settings of the boreal plain](#). Journal of Hydrology. doi.org/10.1016/j.jhydrol.2017.03.034

Tim R. Moore, J. A. Trofymow, C.E. Prescott, B.D. Titus and the CIDET Working Group. 2017. [Can short-term litter-bag measurements predict long-term decomposition in northern forests?](#) Plant and Soil. DOI:10.1007/s11104-017-3228-7

Paul R. Nesbit, Thomas E. Barchyn, Chris H. Hugenholtz, Sterling Cripps and Maja Kucharczyk. 2017. [Reported UAV incidents in Canada: analysis and potential solutions.](#) Journal of Unmanned Vehicle Systems. DOI:10.1139/juvs-2016-0033

John K. Pattison-Williams, Wanhong Yang, Yongbo Liu and Shane Gabor. 2017. [Riparian wetland conservation: A case study of phosphorous and social return on investment in the Black River watershed.](#) Ecosystem Services. doi.org/10.1016/j.ecoser.2016.10.005

Naïm Perreault, Esther Lévesque, Daniel Fortier, Denis Gratton and Laurent J. Lamarque. 2017. [Remote sensing evaluation of High Arctic wetland depletion following permafrost disturbance by thermo-erosion gully processes.](#) Arctic Science.

Catherine Potvin, Divya Sharma, Irena Creed, Sally Aitken, François Anctil, Elena Bennett, Fikret Berkes, Steven Bernstein, Nathalie Bleau, Alain Bourque, Bryson Brown, Sarah Burch, James Byrne, Ashlee Cunsolo, Ann Dale, Deborah de Lange, Bruno Dyck, Martin Entz, José Etcheverry, Rosine Faucher, Adam Fenech, Lauchlan Fraser, Irene Henriques, Andreas Heyland, Matthew Hoffmann, George Hoberg, Meg Holden, Gordon Huang, Aerin L Jacob, Sebastien Jodoin, Alison Kemper, Marc Lucotte, Roxane Maranger, Liat Margolis, Ian Mauro, Jeffrey McDonnell, James Meadowcroft, Christian Messier, Martin Mkandawire, Catherine Morency, Normand Mousseau, Ken Oakes, Sarah Otto, Pamela Palmater, Taysha Sharlene Palmer, Dominique Paquin, Anthony Perl, André Potvin, Howard Ramos, Ciara Raudsepp-Hearne, Natalie Richards, John Robinson, Stephen Sheppard, Suzanne Simard, Brent J. Sinclair, Natalie Slawinski, Mark Stoddart, Marc-André Villard, Claude Villeneuve and Tarah Wright. 2015. [Stimulating a Canadian narrative for climate.](#) Facets. DOI:10.1139/facets-2016-0029

Weeberb J. Requia, Ron Dalumpines, Matthew D. Adams, Altaf Arain, Mark Ferguson and Petros Koutrakis. 2017. [Modeling spatial patterns of link-based PM2.5 emissions and subsequent human exposure in a large Canadian metropolitan area.](#) Atmospheric Environment. doi.org/10.1016/j.atmosenv.2017.03.038

Beth Savan, Emma Cohlmeier and Trudy Ledsham. 2017. [Integrated strategies to accelerate the adoption of cycling for transportation.](#) Transportation Research Part F: Traffic Psychology and Behaviour 46(A):236–249.

Danielle Maia de Souza, Ruairaidh Petre, Fawn Jackson, Monica Hadarits, Sarah Pogue, Cameron N. Carlyle, Edward Bork and Tim McAllister. 2017. [A review of sustainability enhancements in the beef value chain: state-of-the-art and recommendations for future improvements.](#) Animals 7:26. DOI:10.3390/ani7030026

Craig Thompson, Carl A. Mendoza and Kevin J. Devito. 2017. [Potential influence of climate change on ecosystems within the boreal plains of Alberta.](#) Hydrological Processes. DOI:10.1002/hyp.11183

Yawei Zhao. 2017. [Doing fieldwork the Chinese way: a returning researcher's insider/outsider status in her home town.](#) Area. DOI:10.1111/area.12314

Other “Geographical” News

50 Shades of Gray - study suggests scientific work force is aging, as younger scientists struggle to find good jobs: Blame the boomers -- sort of. While the scientific work force is indeed getting older as baby boomers continue to work past traditional retirement age, the work force will continue to age even after boomers are gone. The authors attribute much of what they observed about the graying work force to the baby-boom generation, but also to the revocation of the mandatory retirement age for university professors. [Inside Higher Ed](#)

Extreme weather events linked to climate change impact on the jet stream: Unprecedented summer warmth and flooding, forest fires, drought and torrential rain -- extreme weather events are occurring more and more often, but now an international team of climate scientists has found a connection between many extreme weather events and the impact climate change is having on the jet stream. [ScienceDaily](#)

The state of personal finance - Professors worry about retirement; staff save to pay off debt: A majority of professors fear they could outlive their retirement savings, while administrative employees are more concerned about shorter-term issues: paying off debt and meeting their monthly household expenses. [Inside Higher Ed](#)

The Anthropocene. Scientists respond to criticisms of a new geological epoch: Geological critics of a formalised Anthropocene have alleged that the idea did not arise from geology; that there is simply not enough physical evidence for it as strata; that it is based more on the future than on the past; that it is more a part of human history than the immensely long history of the Earth; and that it is a political statement, rather than a scientific one. [ScienceDaily](#)

Some Not So “Geographical” News



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