

March 8-9, 2019

The Western Division of the
Canadian Association of Geographers

University of Victoria, Department of Geography,
Victoria, British Columbia, Coast Salish Territories



WDCAG 2019 Conference Program

61st Annual Meeting of the Western Division of the Canadian Association of Geographers
Hosted by: The University of Victoria on Coast & Straits Salish Territory

We acknowledge with respect the Lekwungen-speaking peoples on whose traditional territory the university stands and the Songhees, Esquimalt and WSÁNEĆ peoples whose historical relationships with the land continue to this day. UVic recognizes that colonization and associated attitudes, policies and institutions have significantly changed Indigenous peoples' relationship with this land.

WDCAG 2019 Conference Presentation Table



University of Victoria

All sessions are hosted in the Engineering / Computer Science Building, UVic campus

Room	8:30 or 8:50-10:00	10:30-12:00	12:00-13:00	13:00-14:30	15:00-16:30
A #116	First Year Human Geography Textbooks (Round table)	Out There Learning (Panel)	Jobs for Geographers (Panel)	"Who Transforms Whom" (Panel)	Geographic Education: The Student Experience
B #104	Geo-morphology, Geology & Minerology	Climate & Landscape Dynamics I		Climate & Landscape Dynamics II	Climate change impacts and resilience planning
C #108	Urban Inequalities	Urban Enviro Management		Urban Sustainability, Livability & Sense of Place	Towards Placemaking Matrix for Urban Development (Workshop)
D #124	Parks	Geographies of Health & the Body		Hazards & Responses	Islands
E #125	Food & Wine	Humanitarian Mapping (Workshop)		GIS & Remote Sensing I	GIS & Remote Sensing II
F #123	Colonialism, Imperialism, & Indigenous Geographies	Reconciliation is a verb (Workshop)		Storied Maps, UNSDGs and LGBTQ2+ (Workshop)	Toxic Masculinity (Workshop)
G #130	Resource Management in Asia	Geographies of Economic & Social Capital		Communicating for Change	The subjects of environmental governance
H #128			WDCAG Executive Meeting	Collective Biography (Workshop)	Field Journaling (Workshop)
Lobby		Poster Session* (10:00-10:30)	Poster Session (12:30-13:00)	Poster Session (14:30-15:00)	

***Posters will be available throughout the day in the main lobby. Poster authors will be available to showcase their work and answer questions at the noted times.**

WDCAG Annual General Meeting will be held in Room 108 (16:30-17:30)

Paper, Workshop and Panel Presentation Sessions

Morning Sessions (8:30 or 8:50-10:00am)

A: Round Table Discussion (Room 116)

[8:30-9:50am] First Year Human Geography Textbooks (Round Table Discussion)

Facilitated by Kim Naqvi (Thompson Rivers University) with Leith Deacon (Guelph) and Maxwell Ofosuhene (Trinity Western)

B: Geomorphology, Geology & Minerology (Room 104)

[8:50-9:10am] A Volumetric Analysis of Tsunamigenic Landslides at Harrison Lake

Katie Hughes (University of Victoria)

[9:10-9:30am] Stratigraphy of the Thompson River Valley, Peterson Creek, Kamloops BC

Kaitlin Jaap (Thompson Rivers University)

[9:30-9:50am] How Human-Induced Soil Degradation Affects Global Water Balance

Pei-Ling Wang & Johannes Feddema (University of Victoria)

C: Urban Inequalities (Room 108)

[8:50-9:10am] Belonging: A Conceptual Lens for Exploring Socio-Spatial Inequalities in Neighbourhoods

Aimee Benoit (University of Lethbridge)

[9:10-9:30am] Housing Disadvantage in Calgary: In Search of Structural Explanation

Ivan Townshend, Rafaela Marasco, & Tom Johnston (University of Lethbridge)

[9:30-9:50am] The Financialization of Housing and its Impacts on Everyday Life in Brazil

Sharon Dias (University of Victoria)

D: Parks (Room 124)

[8:50-9:10am] Lowering the Drawbridge in the Castle: Geography of Disability in Castle Provincial Park

James Carnahan (University of Lethbridge)

[9:10-9:30am] Russian National Parks in the Putin Era

Michael Tripp (Vancouver Island University)

[9:30-9:50am] Small Public Urban Parks: A Systematic Review

Yashashwinee Parmar (University of Alberta)

E: Food & Wine (Room 125)

[8:50-9:10am] **An Assessment of the Challenges and Difficulties of Farming in the Comox Valley**
Stephen Hextall (Vancouver Island University)

[9:10-9:30am] **Local Food Systems and Social Capital in the Okanagan, British Columbia**
Chea Elton (University of British Columbia-Okanagan)

[9:30-9:50am] **Impact of Environmental Imagery in Wine Labeling on The Sensory Taste of Wine**
Darren Esau (University of British Columbia-Okanagan)

F: Colonialism, Imperialism, & Indigenous Geographies (Room 123)

[8:50-9:10am] **Acknowledging Vocal Women Q'eqchi' Land Defenders? Canadian Extractive Policy in the Age of a Feminist International Development Policy**
Rebecca Ferris & Catherine Nolin (Northern British Columbia)

[9:10-9:30am] **“The Past is Never Dead”: Imperialism and International Adoption in Guatemala**
Sarah Brown (University of British Columbia)

[9:30-9:50am] **Forest Gardens and Clam Beds: Production of Space by the First Nations People of the Pacific Northwest**
Adrian Smith (Northern British Columbia)

G: Resource Management in Asia (Room 130)

[8:50-9:10am] **Situating ‘peak water’: Lived Experiences of Glacio-Hydrological Change in the High Mountains of Nepal**
Graham McDowell (University of British Columbia)

[9:10-9:30am] **Waste Pickers in Dhaka city, Bangladesh: A Sustainable Livelihoods and Health Assessment**
Sayed Mohammad Nazim Uddin (presenter), Jutta Gutberlet and Anahita Ramezani (Asian University for Women, University of Victoria)

[9:30-9:50am] **Examining the Characteristics, Spatial Patterns, and Priorities of Small-scale Fishers: A Philippines Case Study.**
Nikki Beaudoin (University of Victoria)

Break & Poster Sessions 9:50am – 10:30 am

Poster Sessions (Lobby)

[10:00-10:30 am] Poster Session (*see below for poster listings*)

Morning Sessions II (10:30am – Noon)

A: Panel discussion: Out There Learning (Room 116)

[10:30am-12:00pm] Panel Discussion and Book Launch: "Out There Learning: Critical Reflections on Off-Campus Study Programs"

Chair: Helga Thorson & Cameron Owens (University of Victoria) Panelists: Deborah Curran (University of Victoria), Matthew "Gus" Gusul (Government of Alberta), Elaine Meyer-Lee (Agnes Scott College), Kacy McKinney (Oregon Health and Science University), Nakanyike Musisi (University of Toronto), Elizabeth Vibert (University of Victoria) & Aaron Williams (University of Calgary)

B: Climate & Landscape Dynamics I (Room 104)

[10:30-10:50am] Climatic Influence on Bog Evolution in the Oil Sands Region, Alberta

Ashlee Mombourquette & Laura Chasmer (University of Lethbridge)

[10:50-11:10am] Modelling Future Climate Change-Driven Landscape Degradation in Areas Underlain by Permafrost, Yukon Territory, Canada

Oliver Kienzle (University of Lethbridge)

[11:10-11:30am] Characterization of Surface Air Temperature Phenomenon within the West Castle Watershed, Alberta

Kyle Bexte (University of Lethbridge)

[11:30-11:50am] Selectivity of Cattle for Crested Wheatgrass in the Dry Mixed Grass

Kyla Rushton & Jenny Burke (University of Lethbridge)

C: Urban Environmental Management (Room 108)

[10:30-10:50am] Stormwater Management

Brandon Makar (Thompson Rivers University)

[10:50-11:10am] Urban Heat Islands: What Their Effects Are, and How to Mitigate Them

Claire Irvine (Thompson Rivers University)

[11:10-11:30am] The Potential for Sustainable Recreation Development in Burns Bog

Pavenjot Bhatia (Vancouver Island University)

D: Geographies of Health & the Body (Room 124)

[10:30-10:50am] Embryo Ecologies and the (re)production of Healthy Bodies

Juliane Collard (University of British Columbia)

[10:50-11:10am] Examining Telegeriatrics in Northern Rural British Columbia

Georgia Betkus & Shannon Freeman (Northern British Columbia)

[11:10-11:30am] The Hypocrisy of Geographic Regulation and Consumption: A Study on Marijuana vs. Cigarettes

Peyton Bradley & Colt Gnech (Vancouver Island University)

[11:30-11:50am] Children's Health, Environmental Policy & Climate Change: Reframing Issues to Improve Policy & Governance of Natural Resources

Paivi Abernethy (University of Waterloo)

E: Workshop: Humanitarian Mapping (Room 125)

[10:30am-12:00pm] Humanitarian Mapping with MapUVic

Facilitated by Gabby Zdrzilova and Trenton Horsley (University of Victoria)

F: Workshop: Reconciliation is a verb (Room 123)

[10:30am-12:00pm] Reconciliation is a Verb: A Sharing Space and Decentralized Workshop Focused on Decolonizing our Departments, our Research and Ourselves

Facilitated with Matt Fuller, Paige Bennett & Tyler Blackman (University of Victoria)

G: Geographies of Economic & Social Capital (Room 130)

[10:30-10:50am] Exploring the Edges of Evolutionary Economic Geography

Patrick Brouder (Vancouver Island University)

[10:50-11:10am] A Regional Analysis of Canadian Per Capita Construction Investment Trends: 1995-2015

Robert Mahnic (Monarch Business School Switzerland)

[11:10-11:30am] Dryland Farming and Water: A Cooperative Perspective

Linda Bracken (Vancouver Island University)

[11:30-11:50am] Resilience and Sustainability in a Hub and Spoke Economy: Inter-Island Dependencies in Hawaii

Patrick Buckley (Western Washington University) & Jason Levey (Hawaii University)

Lunch Break, Poster Sessions & Special Sessions 12:00 pm – 1:00pm

Panel Discussion: Jobs for Geographers (Room 116)

[12:15-12:50pm] UVic Alumni roundtable on “Jobs for Geographers” facilitated by Bronwyn Harvey (Victoria)

WDCAG Executive Meeting (Room 128)

[12:15-12:50pm]

Poster Sessions (Lobby)

[12:30-12:50pm] Poster Session (*see below for poster listings*)

Afternoon Sessions 1:00pm-2:30pm

A: Panel Discussion: Who Transforms Whom? (Room 116)

[1:00-2:20pm] Who Transforms Whom? Celebrating the Reciprocal Potential of Learning

Chair: Teresa Dawson (University of Victoria). **Panelists:** Hanny Buitenwerf, Theresa Dearden, Jack Nyren, Colin Saint-Vil, & Taliya Steidman-Wright (University of Victoria).

B: Climate & Landscape Dynamics II (Room 104)

[1:00-1:20pm] Local Scour Around Two Side-by-side Cylindrical Bridge Piers Under Ice-covered Conditions

Mohammad Reza Namaee (University of Northern British Columbia)

[1:20-1:40pm] Utilizing Melt-Pond Fraction to Analyze Spatial and Temporal Sea-Ice Melt Patterns in the Canadian Arctic Archipelago

Josh Tawse (University of Victoria)

[1:40-2:00pm] Assessing the Climatic Sensitivity of Douglas Fir in British Columbia, Canada

Lauren Farmer (University of Victoria)

[2:00-2:20pm] Dendrochronological Investigation of Western Hemlock (Tsuga Heterophylla) in Blaauw Eco-Forest, Langley BC

Samit Sandhu & David Jordan (Trinity Western University)

C: Urban Sustainability, Livability, & Sense of Place (Room 108)

[1:00-1:20pm] The Soundscapes of Streetscapes

Jonny Hamm (University of Victoria)

[1:20-1:40pm] Public Sonic Geographies and Urban Livability: Changing Soundscapes in a Singapore Neighbourhood

David Sadoway (Kwantlen Polytechnic University)

[1:40-2:00pm] Towards Urban Sustainability: Community Activists Perspectives and Reflections in Cascadia

Selina Powszedny (University of Victoria)

[2:00-2:20pm] A Tale of Three Mid-sized Cities: The Syrian Refugee Resettlement and a Progressive Sense of Place

Margaret Walton-Roberts, Luisa Veronis, Blair Cullen and Huyen Dam (Wilfrid Laurier University)

D: Hazards & Responses (Room 124)

[1:00-1:20pm] The Use of Science and Experiential Knowledge in Wildfire Management Planning

Tara K. McGee (University of Alberta)

[1:20-1:40pm] Forest fires in British Columbia, smoke, and your health: How a revolution in low-cost air quality sensor technology is a gamechanger

Michael Mehta (Thompson Rivers University)

[1:40-2:00pm] Pre-consumer Plastic Pellets (Nurdles) on BC's South Coast: Keeping Our Eye(s) on Tides, Wind, and Street Drains

Daniel Brendle-Moczuk (University of Victoria)

[2:00-2:20pm] The Social Implications of Active Layer Change in Alaska

Chloe Chapman (University of Victoria)

E: GIS & Remote Sensing I (Room 125)

[1:00-1:20pm] Examining Jury Representation in Ottawa

Lazar Ilic (University of Ottawa)

[1:20-1:40pm] A Site Selection Analysis for the Expansion of Cellular and Wi-Fi Networks for Internet Access in the Castle Region

Jeff Deurloo (University of Lethbridge)

[1:40-2:00pm] Mapping High School Catchment Areas in the Bellevue School District (Bellevue, WA, USA)

Nate Yeung (Trinity Western University)

[2:00-2:20pm] Evaluating the Scientific Reliability and Validity of a Health Impact Assessment Using Gis Methodologies and Spatial Planning Approaches

Geraldine Jordan (Trinity Western University)

F: Workshop: Storied Maps, UNSDGs and LGBTQ2+ (Room 123)

[1:00-2:20pm] Stories Maps, UN Sustainable Development Goals and LGBTQ2+

Facilitated by Caitlin Hickman, Ken Josephson & Crystal Tremblay (University of Victoria)

G: Communicating for Change (Room 130)

[1:00-1:20pm] Hunting Grizzlies in the Media: First Explorations of Media Claims and Portrayals of Public Opinion with Respect to the 2017 Grizzly Bear Hunt Ban in British Columbia

Bridget Kinsley & Zoë Meletis (University of Northern British Columbia)

[1:20-1:40pm] Communicating Resilience for Change: Using Social Media to Ban Commercial Sale of Parrotfish in Thailand

Petch Manopawitr & Philip Dearden (University of Victoria)

[1:40-2:00pm] Using Youtube Videos to Fight Climate Change
Levi Hildebrand (University of Victoria)

[2:00-2:20pm] Contestations, Civic Entanglements and Commonly-Held Assumptions Around a Collectively-Managed Resource: A Case Study of the Olympia Artesian Well
Matt Fuller (University of Victoria)

H: Workshop: Collective Biography (Room 128)

[1:00-2:20pm] Collective Biography: What Is It and Why Use It?
Facilitated by Roberta Hawkins (University of Guelph), Pamela Moss (University of Victoria), Karen Falconer Al-Hindi (University of Nebraska at Omaha) and Leslie Kern (Mount Allison University)

Break & Poster Sessions 2:20pm – 3:00pm

Poster Sessions (Lobby)

[2:30-3:00pm] Poster Session (*see below for poster listings*)

Afternoon Sessions II 3:00pm-4:30pm

A: Geographic Education: The Student Experience (Room 116)

Chair: CindyAnn Rose-Redwood (University of Victoria)

[3:00-3:20pm] Perceptions of Safety and Campus Design: Student Experiences at the University of Alberta
Eden McDonald-Yale (University of Alberta)

[3:20-3:40pm] Beyond Borders and Bank Accounts: Perceptions of International Student Tuition Increases at the University of Victoria
Duncan Jones, CindyAnn Rose-Redwood & Reuben Rose-Redwood (University of Victoria)

[3:40-4:00pm] Student Satisfaction with an International, Human Geography Field Course in Japan
Tom Waldichuk (Thompson Rivers University)

[4:00-4:20pm] Young Olympians: Examining Geographic Education and Students' Experiences in the 15th International Geography Olympiad
Yu Richmond Ho Shing (Thompson Rivers University)

B: Climate change impacts and resilience planning: Insights from Western Canadian communities (Room 104)

Chair: Jeff Birchall & Derek MacDonald (University of Alberta)

[3:00-3:20pm] Community Scale Climate Vulnerability: The Case of Surrey, British Columbia
Nicole Bonnett (University of Alberta)

[3:20-3:40pm] Climate Risks and Decision-Maker Response in North Vancouver, British Columbia
Cellina Heang (University of Alberta)

[3:40-4:00pm] Climate Change Impacts and Local Government Actions: The Case of Victoria, British Columbia
Vada Antonakis (University of Alberta)

[4:00-4:20pm] Local Government Resolve for Climate Change Adaptation: How Climate Vulnerability Links with Strategic Policy in British Columbia
Derek Macdonald (University of Alberta)

C: Workshop: Towards a Place-Making Matrix for Urban Development (Room 108)

[3:00-4:20pm] Towards a Place-Making Matrix for Urban Development
Facilitated by Don Alexander & Lindsay McCunn (Vancouver Island University)

D: Islands (Room 124)

[3:00-3:20pm] Tidepool Teachings: An Ethnography of Savary Island
Marina Aitcheson (University of Victoria)

[3:20-3:40pm] The Role of Ecotourism in Changing Conservation Attitudes
Jackie Ziegler & Philip Dearden (University of Victoria)

[3:40-4:00pm] Sustainable Island Tourism Through a Tourist Lens
Shelly Selivanov, Philip Dearden, & Rick Rollins (University of Victoria)

E: GIS & Remote Sensing II (Room 125)

[3:00-3:20pm] Pre-disaster Mapping with Drones: An Urban Case Study in Victoria, Bc, Canada
Maja Kucharczyk (University of Calgary)

[3:20-3:40pm] Unmanned Aerial Vehicles and Structure-from-Motion (SfM) for Change Detection in Alpine Environments
Thomas Porter (University of Lethbridge)

[3:40-4:00pm] Sea Ice Type Detectability Utilizing Simulated Radar Data During Advanced Melting Conditions
Aikaterini Tavri (University of Victoria)

F: Workshop: Confronting toxic masculinity (Room 123)

[3:00-4:20pm] Confronting Toxic Masculinity in Geography: A Workshop of Discussions Aimed at Amplifying Our Efforts for Safer Workspaces and Professional Relationships
Facilitated by Matt Fuller, Paige Bennett & Tyler Blackman (University of Victoria)

G: The Subjects of Environmental Governance (Room 130)

[3:00-3:20pm] Material Dependencies as Assets or Constraints for Sustainable Development
Kristof Van Assche, Monica Gruezmacher (University of Alberta), & Leith Deacon (University of Guelph)

[3:20-3:40pm] The Unique Strengths of Faith Communities for Environmental Governance in Canada
Claire Brandenburg & Joanne Moyer (King's University College)

[3:40-4:00pm] Gender Transition and Changing Interactions with the Environment
Sam Wall & Zoe Meletis (Northern British Columbia)

H: Workshop: Field Journaling (Room 128)

[3:00-4:20pm] Field Journaling Techniques and Perception/Meditation/Landscape
Facilitated by Maleea Acker (University of Victoria)

WDCAG Annual Meeting 4:30pm – 5:30pm (Room 108)

Poster Sessions

9:30-10:00 am; 12:30-1:00pm; 2:30-3:00 pm (Lobby)

*Posters will be available throughout the day in the main lobby. Poster authors will be available to showcase their work and answer questions at the noted times.

#	Name, Institution	Title
1	Achunike, Obumneme & Catherine Nolin University of Northern British Columbia	Social Impacts of Oil Extraction in Niger Delta, Nigeria
2	Ali, Faran University of Northern British Columbia	Sediment budget changes in a large Himalayan drainage basin in the 21st century
3	Baker, Brittni; Cramer, Scott; Keast, Marina; Makar, Brandon; Rottler, Katherine; Selena Schut & Zhe Li Thompson Rivers University	A day in the life of your lungs: Geospatially-based real-time air quality monitoring of PM2.5
4	Barone, Katryna Thompson Rivers University	The Effects of Urbanization on the Biogeography of Grizzly Bears in Western Canada
5	Bracken, Edward Vancouver Island University	Biophilic City Design and Land Use Planning
6	Buzath, Jane; Alfred Sales & Dominic Wong University of Victoria	Sustainable Practice and Challenges of Global Indigenous Communities
7	Cliche, Élise University of Victoria	A Dendroclimatological Reconstruction of Climate in the San Juan Ridge Area on Vancouver Island, B.C.
8	Colosimo, Adam & Ben Charlebois-Perry University of Lethbridge	Breaking Barriers: Illegal OHV use and vandalism within Castle Provincial Park, Alberta
9	Cook, Natalie; David Jordan & Katharine Sell Trinity Western University	Exploring the dendrochronological landscape of the Blaauw Eco-forest, Langley, BC
10	Cook, Natalie & Geraldine Jordan Trinity Western University	Spatial Analysis of Accessibility to Water Fountains at Trinity Western University Langley, B.C. 2018
11	Dalton, Holly University of Lethbridge	Analysis of Grinnell, Sperry, and Athabasca Glacier Using Repeat Photography
12	Deardorff, Emily; Johnson, Sophie; Luke Telfer & Megan Walsh Western Washington University	Reconstructing Fire History in the Teanaway Community Forest, Washington
13	Dixon, Brendan Trinity Western University	Infrastructure Changes on Trinity Western University Campus, Langley, BC, 2001-2018

14	Dutt, Philipa University of the Fraser Valley	Investigation of water quality and treatment options for <i>Myriophyllum aquaticum</i>
15	Ericson, Alexander & Kiley Larsen Western Washington University	Power and Fish: The Columbia Basin's Role in Cross Border Relations
16	Fall, Alicia University of Victoria	The ethics, applications and practice of technologizing community asset mapping
17	Fleming, Tamara University of Victoria	'Blue space' as public space: a case for a bottom-up integrated design approach to propose a harbour bath concept in Victoria, BC.
18	Gillies, Sharon L.; Janmaat, Alida; Marsh, Steven; Shyna Kanda & Ashleigh Yakemchuk University of the Fraser Valley	Invasive Knotweed (<i>Fallopia sp.</i>) and Thimbleberry (<i>Rubus parviflorus</i>) Leaf litter Decomposition in Freshwater Streams of the Fraser Valley
19	Hagopian, Grayson & Huck McClaran Western Washington University	Wolf Migration Across Political Borders in the Pacific Northwest
20	Harvey, Bronwyn University of Victoria	The Private National Parks of Donald Trump
21	Hodgson, Jim; Deanna Shrimpton & Maegan Poblacion University of British Columbia	There and Back Again: A Least-Cost Analysis of Lord of the Rings
22	Johnson, Dana University of Victoria	Death by a thousand compounds: Persistent Organic Pollutants and Killer Whale Toxicology
23	Jones, Vanessa Trinity Western University	Spatial Analysis of Japanese Knotweed (<i>Reynoutria japonica</i>) Chemical Spray Treatments in the District of Mission, BC (2013 – 2018)
24	Jordan, Geraldine Trinity Western University	No trucks: Civic engagement helps to shape transportation planning near two elementary schools in the Township of Langley, BC
25	Lipka, Jennifer University of British Columbia	Biodiversity Case Study: Range Change of <i>Bombus occidentalis</i>
26	MacMillan, Emily; Marsh, Steven; Gillies, Sharon; Peucker-Ehrenbrink, Bernhard; Toews, Donovan; Toohey, Ian; Luwana Louis & Lise Nehring University of the Fraser Valley	An investigation into the possible effects of land use on turbidity and suspended sediment concentrations throughout historical seasonal discharge rates.
27	Martens, Hanna Thompson Rivers University	Pro-Environmental Behavior and Local Food Production in Kamloops, BC
28	Martens, Rayna & Sydney Speers The King's University	A Reassessment of Industrial Impact on Our Rivers

29	Montgomery, Alice Western Washington University	Sport Fishing Regulations in British Columbia, Canada and Washington State, U.S.A.
30	Nand, Jeshween & Zachary Vander Heide The King's University	Managing Wolf Populations in Alberta
31	Nyren, Jack University of Victoria	Inclusive Public Space: How can the City of Victoria create an inclusive public realm?
32	Oeggerli, Virginia Trinity Western University	Drainage and Road Influences on the Distribution of Knotweed (<i>Reynoutria sp.</i>) in Langley, British Columbia
33	Oshio, Kazuto Sophia University	Transnational Environmental Representation: Canadian and American Landscape Paintings during the 19th Century
34	Owens, Philip; Gateuille, David; Petticrew, Ellen; Booth, Barry; Todd French & Kristen Kieta University of Northern British Columbia	Sources of fine-grained sediment in a large regulated watershed in British Columbia using the sediment fingerprinting technique
35	Parlato, Nicholas University of Northern British Columbia	Mountains of Paperwork, Forests of Laws: Challenges in Forming "Territories of Traditional Nature-Use" in Southern Yakutia
36	Patel, Sonak University of Alberta	Mapping Renewable Energy Projects in Canada
37	Reed, Christopher Western Washington University	Deadly Counterfeits or Life Saving Medications? A Critical Analysis of the American Gray Market for Canadian Pharmaceuticals
38	Roessingh, Desmond & Maya Munzar University of Victoria	The Use of Passive Remote Sensors for Marine Oil Spill Detection
39	Rusnell, Breena; Narain Spolia & Darryl E. Carlyle-Moses Thompson Rivers University	Size Matters: Stemflow, Soil-Water Recharge and Spatial-Scaling
40	Sarchet, Aurora & Geraldine Jordan Trinity Western University	Using GIS to Assess Nature Trail Accessibility and their Proximity to Aquatic Habitats at Trinity Western University, Langley (BC) 2018
41	Schut, Selena Thompson Rivers University	The Effects of Urban Landscaping on Groundwater Recharge
42	Shewchuk, Cassandra; Travis Ferbey & Olav Lian University of the Fraser Valley	Detecting porphyry Cu±Mo±Au mineralization using major oxide and pathfinder elements in subglacial till in the Guichon Creek batholith, Southcentral BC
43	Shine, Chenoah University of Victoria	Spatial analysis and vessel strike risk assessment of Humpback whale (<i>Megaptera novaeangliae</i>) behaviours in the Kitimat fjord system

44	Shuttle, Steven University of Alberta	DIY Urbanism: Pop-ups, Placemaking, and Community Planning
45	Sorensen, Melina University of Victoria	The Impact of Urbanization on Bird Populations in Victoria, British Columbia
46	Todd, Christine University of Victoria	Tourism Geographies and Alternative Imaginaries: Unsettling Discourses and Destination Branding
47	Toews, Donovan; Marsh, Steven; Gillis, Sharon; Peucker-Ehrenbrink, Bernhard; Louis, Luwana; MacMillan, Emily; Nehring, Lise; Mika Sevcik & Ian Toohey University of the Fraser Valley & Woods Hole Oceanographic Institution	Impact of different urban land-use on water chemistry and dissolved organic matter concentrations at four sites along Willband Creek, Abbotsford, BC, Canada
48	Toohey, Ian; Marsh, Steven; Gillies, Sharon; Peucker-Ehrenbrink, Bernhard; Toews, Donovan; Louis, Luwana Louis; MacMillan, Emily; Lise Nehring & Mika Sevcik University of the Fraser Valley & Woods Hole Oceanographic Institution	Seasonal variation in water chemistry parameters Fraser River, Fort Langley, British Columbia
49	Vander Vinne, Jillian & Rachel Bootsma The King's University	Blatchford Field Redevelopment: Struggling to Take Off
50	Wild, Amanda University of Victoria	Skeena River Sediment Contribution to the Skeena Estuary
51	Wood, Christopher & Thomas de Jong The King's University	Garbage as a resource: Innovations at the Edmonton Waste Management Centre
52	Coulter, Brittany University of Victoria	Mid-Holocene Advance of Camp Glacier, Ha-Iltzuk Icefield, Southern British Columbia Coast Mountains
53	Fuller, Wyie University of Victoria	Urban Wildlife Population Management