

## Publications, January to December 2016

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AUTHOR AFFILIATIONS: <sup>S</sup>former or current graduate student  
<sup>U</sup>former or current undergraduate student  
 \*not a member of this department

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- \*Andrade, R., E. Vaz, and C. \*Guerrero. 2016, The need for spatial decision support systems in forest management: post-fire reclamation decisions, 1st Master and Doctoral Consortium for Research on Public Policy, University of Evora, Evora, Portugal, June 23-24.
- \*Arsanjani, J.J., A. \*Tayyebi, and Vaz, E. 2016. GlobeLand30 as an alternative fine-scale global land cover map: Challenges, possibilities, and implications for developing countries. *Habitat International*, 55: 25-31.
- Bauder, H. 2016. Possibilities of Urban Belonging. *Antipode* 48 (2): 252–271.
- , 2016. From ‘Dysfunctionality’ to Solidarity. *Dialogues in Human Geography* 6(1): 69–72.
- , 2016. Understanding Europe’s Refugee Crisis: A Dialectical Approach. *Geopolitics, History, and International Relations* 8 (2): 64–75.
- , 2016. Illegalised Migrants and Temporary Workers: The International Segmentation of Labour. In *Beyond Trafficking and Slavery Short Course, Volume Five*, edited by J. O’Connell Davidson, and N. Howard, 24–27, Open Democracy.
- , 2016. Domicile Citizenship, Migration, and the City. In *Migration Policy and Practice: Interventions and Solutions* edited by Bauder, H. and C. \*Matheis, 79–99. New York: Palgrave Macmillan.
- , and C. \*Matheis, eds. 2016. *Migration Policy and Practice: Interventions and Solutions*. New York: Palgrave Macmillan.
- \*Brown, C., R.R. Shaker, and R. \*Das. 2016. A Review of Approaches for Measuring and Evaluating Urban Resilience Outcomes. *Environment, Development and Sustainability*: 1–18. DOI: 10.1007/s10668-016-9891-7
- \*Brown, C., R.R. Shaker, M. \*Gorgolewski, V. <sup>U</sup>Papp, and S. <sup>U</sup>Alkins. 2016. Urban resilience in Canada: Research priorities and best practices for climate resilience in cities. [Technical Report]. 1-39. Social Sciences and Humanities Research Council (SSHRC) of Canada. Grant No. 421-2015-1037.
- Capurri, V. 2016. Omar Khadr, Hannah Arendt, and the Racialization of Rights’ Discourse. *Studies in Social Justice* (10.1): 147-166.
- Ceh, B., and D. <sup>S</sup>Greco. 2016. Impact of box store on localized economies and nearby competing retailers, case study of Toronto, Canada. *Journal of Global Academic Institute Business and Economics* Vol 2, No 2, pp 38-47.
- , and T. Hernandez. 2016. Implications of Supersizing a Box Store on Neighborhood Development in Metropolitan Areas, Case Study of Toronto, Canada. Presented at the 2016 AAG Annual Meeting. San Francisco, CA, USA. March 29-April 2.
- \*Cook, J.M., and M.J. Bardecki. 2016. The valuation of protected areas: tourists in Chitwan National Park, Nepal. In *World Heritage Sites and Tourism: Global and Local Relations*, edited by L. Bourdeau, M.G. Barbas, and M. Robinson, 162-174, London, UK: Routledge.
- Edge, S., and S. \*Meyers. 2016. Promoting equitable and dignified food security in transitioning urban food systems: taking stock of governance victories and challenges. Paper

- presentation at joint panel hosted by the International Society for Urban Health and the American Association of Geographers. San Francisco, California. March 31.
- Forsythe, K.W., C.H. \*Marvin, D.E. <sup>§</sup>Mitchell, J.M. Aversa, S.J. Swales, D.A. \*Burniston, J.P. <sup>U</sup>Watt, D.J. <sup>§</sup>Jakubek\*\*, M.H. <sup>U</sup>McHenry, and R.R. Shaker. 2016. Utilization of bathymetry data to examine lead sediment contamination distributions in Lake Ontario. *AIMS Environmental Science* 3(3), 347-361. doi:10.3934/environsci.2016.3.347
- , C.H. \*Marvin, C.J. <sup>§</sup>Valancius, J.P. <sup>U</sup>Watt, J.M. Aversa, S.J. Swales, D.J. <sup>§</sup>Jakubek, and R.R. Shaker. 2016. Geovisualization of Mercury Contamination in Lake St. Clair Sediments. *Journal of Marine Science and Engineering* 4(19), 1-10. doi:10.3390/jmse4010019
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- , D.E. <sup>§</sup>Mitchell, R.R. Shaker, S.J. Swales, J.M. Aversa, and D.J. <sup>§</sup>Jakubek. 2016. Comparing Sediment Contaminant Concentrations in the St. Clair Detroit - River System. Presented at the Canadian Association of Geographers - Ontario Division (CAGONT) 2016 Annual Meeting. October 28-29, 2016. Waterloo, ON, Canada.
- , D.E. <sup>§</sup>Mitchell, J.M. Aversa, S.J. Swales, R.R. Shaker, and D.J. <sup>§</sup>Jakubek. 2016. Utilizing Bathymetry Relationships in Contaminated Sediment Analysis. Presented at the 28th Applied Geographic Information Processing (Angewandte Geographische Informationsverarbeitung) Symposium, AGIT 2016. Salzburg, Austria, July 6-8.
- , C.H. \*Marvin, D.E. <sup>§</sup>Mitchell, C.J. <sup>§</sup>Valancius, J. <sup>U</sup>Watt, J.M. Aversa, S.J. Swales, R.R. Shaker, and D.J. <sup>§</sup>Jakubek. 2016. An Examination of Sediment Contamination in Lake St. Clair Utilizing Geospatial Interpolation and 3D Bathymetry. Proceedings of the 51st Central Canadian Symposium on Water Quality Research. Toronto, ON, Canada, February 23-24.
- <sup>§</sup>Giberson, G, and C. Oswald. 2016. Geospatial Estimate of Road Salt Usage Across Southern Ontario Watersheds. Paper presented at Canadian Geophysical Union Annual Conference, Fredericton, Canada
- \*Graydon J, \*Mitchell C, \*Oswald C, and \*St. Louis V. (2016). Mercury fate and methylation in terrestrial upland and wetland environments. Alexandra Steffen (ed.). Canadian Mercury Science Assessment: 1-59. Environment and Climate Change Canada.
- <sup>§</sup>Hannan, C.-A., H. Bauder, and J. \*Shields. 2016. 'Illegalized' Migrant Workers and the Struggle for a Living Wage. *Alternative Routes* 27, 109–136.
- <sup>§</sup>Heinrich, K., C. <sup>U</sup>Huber, and C. Rinner. 2016. Making Area-based Composite Indices Comparable across Time – The Role of Standardization and Outlier Removal. *URISA Journal* 27(2), 37-49.
- \*Joakim, E., L. \*Mortsch, G. Oulahen, D. \*Harford, Y. \*Klein, K. \*Damude, and K. \*Tang. 2016. Using system dynamics to model social vulnerability and resilience to coastal hazards. *International Journal of Emergency Management* 12 (4), 366-391. doi:10.1504/IJEM.2016.10000711
- \*Kozlowski, A., C. \*Searcy, and M. Bardecki. 2016. Innovation for a sustainable fashion industry: a design focused approach toward the development of new business models. In *Green Fashion: Environmental Footprints and Eco-design of Products and Processes*, edited by S.S. Muthu, and M.A. Gardetti, 151-169, Singapore: Springer Science+Business Media.

- \*Loures, L., and E. Vaz. 2016. Exploring expert perception towards brownfield redevelopment benefits according to their typology. *Habitat International*.
- \*Matheis, C., and H. Bauder. 2016. Introduction: Possibility, Feasibility, and Meso-Level Interventions in Migration Policy and Practice, edited by H. Bauder, and C. Matheis, *Migration Policy and Practice: Interventions and Solutions*, 1–16. New York: Palgrave Macmillan.
- \*McCarthy, L. and M.J. Bardecki. 2016. Can today's teachers with English degrees teach the hydrologic cycle to grade school students?. Paper presented at the National Roundtable, Enhancing Environmental and Sustainability Education in Canada's Faculties of Education, Peterborough, ON. June 14-16.
- <sup>U</sup>McHenry, M., and C. Rinner. 2016. The Impact of Multi-Criteria Decision Analysis Parameters on an Urban Deprivation Index. *Cartographica* 51(4), 179-197.
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- <sup>S</sup>Mitchell, D.E., K.W. Forsythe, C.H. \*Marvin, J.M. Aversa, S.J. Swales, D.A. Burniston, J.P. <sup>U</sup>Watt, D.J. <sup>S</sup>Jakubek, M.H. <sup>U</sup>McHenry, and R.R. Shaker. 2016. Utilization of Bathymetry Data to Examine Lead Sediment Contamination Distributions in Lake Ontario. Presented at the Water Initiative for the Future (WatIF): International Graduate Student Conference. Kingston, ON, Canada. July 27-29.
- \*Mnyusiwalla, L., and M.J. Bardecki. 2016. Urban and place-based environmental education in the Ontario secondary school curriculum. Paper presented at the National Roundtable, Enhancing Environmental and Sustainability Education in Canada's Faculties of Education, Peterborough, ON, June 14-16.
- Murnaghan, A.M.F. 2016. Disciplining Children in Toronto Playgrounds in the Early Twentieth Century. *Jeunesse: Young People, Texts, Cultures* 8(1): 111-132.
- , and T. \*McCreary. 2016. Projections of Race, Nature, and Ethnographic Childhood in Early Educational Cinema at the National Museum of Canada. *Geografiska Annaler Series B: Human Geography* 98, 37-53.
- , and L.J. \*Shillington (eds). 2016. *Children, Nature, Cities*. London and New York: Routledge.
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- Oswald C, and K. \*Carey. 2016. Total and methyl mercury concentrations in sediment and water of a constructed wetland in the Athabasca Oil Sands Region. *Environmental Pollution*. 213: 628-637.
- Oswald C, S. \*Oni, and C. \*Wellen. 2016. A Comparison of Chloride Concentration Dynamics in Stream, Hyporheic Zone and Groundwater Compartments of Multiple Urbanizing Catchments in the Lake Simcoe and Nottawasaga River Watersheds. Poster presented at Canadian Geophysical Union Annual Conference, Fredericton, Canada

- Oulahen, G. 2016. The production of unequal vulnerability to flood hazards: A conceptual framework for hazards research in Canada's cities. *The Canadian Geographer/Le Géographe canadien* 60(1), 82-90. doi:10.1111/cag.12232
- , S. \*Chang, J. \*Yip, T. \*Conger, M. \*Marteleira, and E. \*Gray. 2016. Sharing resilience knowledge among coastal communities: Resilient Coasts Canada online platform. Paper presented at Canadian Risk and Hazards Network (CRHNet) Symposium. Montreal, QC. November 25.
- , 2016. The production of unequal vulnerability to flood hazards in Canada's coastal cities. Paper presented at IDRC Coastal Cities at Risk Conference. Vancouver, BC. September 16.
- , S. \*Chang, J. \*Yip, T. \*Conger, M. \*Marteleira, C. \*Carter, and E. \*Gray. 2016. Sharing resilience knowledge among coastal communities: A similarity approach to using hazard vulnerability indicators. Paper presented at Coastal Zone Canada (CZC) conference. Toronto, ON. June 13.
- , S. \*Chang, J. \*Yip, and T. \*Conger. 2016. Contextualizing institutional factors in an indicators-based analysis of hazard vulnerability for coastal communities. Paper presented at Canadian Association of Geographers (CAG) conference. Halifax, NS. June 2.
- Rinner, C., and S. \*Voss. 2016. MCDA4ArcMap – Proof-of-Concept for GIS-based Multi-Criteria Decision Analysis. Abstract presented at URISA Ontario BeSpatial 2016 conference, Mississauga, ON, May 4.
- , and C. Oswald. 2016. 3D Printed Geographies - Techniques and Examples. Poster presented at URISA Ontario BeSpatial 2016 conference, Mississauga, ON. May 4.
- , and C. Oswald. 2016. 3D-Printed Geography for Education, Outreach, and More? Abstract presented at GIS-Pro 2016: URISA's 54th Annual Conference, Toronto, ON. October 31-November 3.
- <sup>§</sup>Robinson A, C. Oswald, and D. Atkinson. 2016. Spatial and Temporal Model of Current and Predicted Hydrologic Processes of a High Arctic Watershed, Pond Inlet (Mittimatalik), NU. Paper presented at Canadian Geophysical Union Annual Conference, Fredericton, Canada
- \*Samora-Arvela, A., J. \*Ferraio, J. \*Ferreira, T. \*Panagopoulos, and E. Vaz, 2016, Developing a green infrastructure approach as a planning tool for resilience enhancement in a touristic area under climate change: the case of Silves Albufeira-Loulé municipalities, Algarve region, 1st Master and Doctoral Consortium for Research on Public Policy, University of Evora, Evora, Portugal. June 23-24.
- , J. \*Ferreira, T. \*Panagopolous, and E. Vaz. 2016 Tourism and Climate Change: Mitigation and Adaptation in the Path of Transformation, International Congress on Interdisciplinarity in Social and Human Sciences, Faro, Portugal. May 5-6
- \*Sandink, D., P. \*Kovacs, G. Oulahen, and D. \*Shrubsole. 2016. Public relief and insurance for residential flood losses in Canada: Current status and commentary. *Canadian Water Resources Journal* 41 (1-2), 220-237. doi:10.1080/07011784.2015.1040458
- \*Schwanz, V. and E. Vaz, 2016, Uso dos sistemas de informação geográfica na extensão rural, como ferramenta para gestão e planejamento dos espaços rurais brasileiros (translation: The usage of Geograhic Information in rural extensions as decision support tools for Brazilian rural management), 1st Master and Doctoral Consortium for Research on Public Policy, University of Evora, Evora, Portugal. June 23-24.

- Shaker, R.R. 2016. Examining Sustainable Landscape Function Across the Republic of Moldova. *Habitat International*. DOI: 10.1016/j.habitatint.2016.11.002
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- , 2016. Predicting Aquatic Invasion in Adirondack Lakes: A Spatial Analysis of Lake and Landscape Conditions. Adirondack Park Invasive Plant Program (APIPP) Spring Partnership Meeting, Raybrook, NY. April 28th, 2016
- , 2016. The Spatial Distribution of Development in Europe and its Underlying Sustainability Correlations. Paper Session: "Applied Sustainability Science: An Open Paradigm for Applied Geographers. The 112th Annual Meeting of Association of American Geographers. San Francisco, CA. March 29-April 2, 2016
- , V. <sup>S</sup>Bowler, A. \*Yakubov, E. \*Vennie-Vollrath. 2016. Predicting aquatic invasion in Adirondack lakes. The 51st Central Canadian Symposium on Water Quality Research, Toronto, Canada. February 23-24, 2016
- Shillington, L.J. and A.M.F. Murnaghan. 2016. Urban Political Ecologies and Children's Geographies: Queering Urban Ecologies of Childhood. *International Journal of Urban and Regional Research* 40(5): 1017-1035.
- , and A.M.F. Murnaghan. 2016. Chapter 1: Children, Nature, and the City, edited by A.M.F. Murnaghan, and L. Shillington. *Children, Nature, Cities*. 1-18. London and New York: Routledge.
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- , and Murnaghan, A.M.F. 2016. Chapter 12: Conclusion, edited by A.M.F. Murnaghan, and L. Shillington. *Children, Nature, Cities*. 211-215. London and New York: Routledge.
- Swales, S.J., K.W. Forsythe, and J.M Aversa. 2016. The Retail Invasion: New Foreign Chains in Canada. Presented at the Canadian Association of Geographers - Ontario Division (CAGONT) 2016 Annual Meeting. Waterloo, ON, Canada. October 28-29.
- , and K.W. Forsythe. 2016. Regional Variation in Upscale Market Change in Canada. Presented at the 2016 AAG Annual Meeting. San Francisco, CA, USA. March 29-April 2.
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- , 2016. The geography of happiness: when spatial analysis and policy converge, 1st Master and Doctoral Consortium for Research on Public Policy, University of Evora, Evora, Portugal, June 23-24.

- Wang L., and E. <sup>S</sup>Lara Palacios. 2016, The social and spatial patterning of stress among immigrants in Canada. Paper presented at the Annual Meetings of the Association of American Geographers, San Francisco, USA
- Wang, S., and J. <sup>S</sup>Valencia Saravia. 2016. Why Best Buy's Dual Brand Strategy Failed in Canada. *The Professional Geographer* 68(4): 650-662
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- , P. <sup>\*</sup>Van Cappellen, and M. <sup>\*</sup>Mohamed. 2016. How much data is needed to robustly detect changes in water quality in agricultural watersheds? Paper presented at the International Association of Great Lakes Researchers 59th Annual Conference, Guelph, ON. June 7.
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- <sup>S</sup>Wen, R., and C. Rinner. 2016. Outlier Detection in OpenStreetMap Data using the Random Forest Algorithm. In *Short Paper Proceedings of Ninth International Conference on GIScience*, Montreal, QC. September 27-30.