

October 9, 2017

Re: Canadian Open Government Civil Society Network Multi-Stakeholder Forum Nomination
(join@opengovdialogue.ca)

Dear Members of the interim Selection Committee;

I am delighted that Canada has chosen to create an *Open Government Civil Society Network Multi-Stakeholder Forum*, in addition to committing to co-chair the Open Government Partnership (OGP) for 2018-19, for co-chairing in 2017-18, and for Open North and the Government of Canada being Stewards of the Open Data Charter also endorsed by the City of Edmonton and the Province of Ontario.

Canada has come a long way since the launch of the first open data initiative by the City of Nanaimo in 2009, the joining of the OGP in 2011 and going to Brasilia in 2012 with the Canadian Council on Social Development. There are now fifty five cities, eight provinces and one territory, as well as numerous government initiatives with an open data portal and/or an open government program. Canada is also home to some of the world's most recognized and respected open data, freedom of information and open government civil society organizations such as Open North, Powered by Data, Ajah.ca, the BC Open Data Society, BC Civil Liberties Association, Open Data Institute, the International Aid Transparency Institute, the Centre for Law and Democracy, Evidence for Democracy, GODAN and the Canadian Internet Public Policy Interest Clinic along with local community groups and book clubs.

Open data and open government in Canada has a very long legacy. The Data Liberation Initiative might be the first citizen led initiative in 1986. The DLI aimed to free census data, this was followed by the Community Data Program in 1991 which continues to support access to data to not for profit organizations across the country. There was also the launch of GeoGratis in 1997 which is the precursor to today's Federal Geospatial Platform and there were also a number of citizen led projects in 2005 such as the Canadian Civil Society WSIS Communique that included access to public data in the submission to Tunisia, the *How'd They Vote* application developed by Cory Horner, the launch of *CivicAccess.ca* the first open data list serve later accompanied by *DataLibre.ca* in 2006 which hosted the *Save the Census Coalition*. Others might suggest that the open access peer reviewed publications, open access to scientific data and the move to preserve scientific and geospatial data, came first.

What is for certain, is that open data and government in Canada was preceded by a number of civil society and citizen led initiatives that aimed to liberate data for research, evidence informed decision making and deliberative democracy at the level of the community; as well as by researchers, scientist, librarians, and archivists and also public officials in the social, physical and geospatial sciences.

It is these actors, communities, or data cultures, that I would like to bring in as engaged and active participants the *Multi-Stakeholder Forum* and it is for this reason that I would like to submit my nomination to become a member of the *Multi-stakeholder Forum*. I have been strategically engaged in open data and government initiatives at the local, national and international levels since the late 1990s, and have worked extensively with civil society, academic and government officials in Canada, the Republic of Ireland, and Internationally. My expertise spans community based research, community data portals, spatial data infrastructures, and research as well as the preservation of data. I helped develop community based mapping in Canada, I do data work on topics of homelessness, environment, city indicators, smart cities and have published widely on the topic. I have a

demonstrated track record of bridging cross-sectoral working relationships between indigenous groups, government, open data communities and community based research.

As a citizen, a consultant and as a scholar, I have worked with and represent the concerns and interests of civil society communities, in Canada and abroad, and was awarded the Inaugural Canadian Open Data Leadership award in 2016. As you will see in my CV, as a Critical Media and Big Data scholar, the co-founder of Civicaccess.ca, DataLibre.ca, as part of the WSIS delegation, as the author of the CCSD application to represent Canada in Brasilia, the founder of the community information exchange on homelessness, and community mapping, and as the convener of the Data Power 2017 Conference in Ottawa, I am a champion of and have been articulating core open government ideas and values on the national stage at summits, conferences, open data meetups, in curricula and have been and will continue to promote open data and open government to conventional civil society organizations and to bridge data cultures. Currently as an advisor and a board member to and with a number local, provincial, and national data based civil society, research and government organizations I bring grounded experience in open data and multi-sectoral experience, a network as well as scholarly value to the practice. As a scholar, wherever possible, I publish pre-prints or working papers of articles and chapters, print in open access publications, I have make my work public in blogs and SlideShare, and have supported many organizations by offering public speaking, supporting crowdsourcing and citizen science initiatives, and sharing the output of my research, most recently the Data Power 2017 keynotes and session videos and ensure that the output of my research activities are made available in trusted digital repositories. I also bring open data into the class room as curricula and as assignments.

If I were selected to be a member of the Open Government Civil Society Multi-Stakeholder Forum, I would gladly dedicate at least a day a month to Forum work, I would continue to advance civil society agendas in open government, and to professionally contribute to open data and open government. Attached you will find a copy of my CV which includes a selection of related publications and activities and below you will find three references, links to four videos, two blogs and a list serve.

Thank you for your consideration.

Sincerely



Tracey P. Lauriault

VIDEOS: *Data Day 3.0, 2016:* (Start 56:09): <https://www.youtube.com/watch?v=DUNhmC5UMsE>, *NESC Conference - 'Environmental Data: Priorities and Innovation' 2015:* <https://www.youtube.com/watch?v=DUNhmC5UMsE>, *Genealogy of Open Data*, 2013, Programmable City Program Launch <https://vimeo.com/95726187>, *Ontario Non Profit Network*, 2013, Open Data <https://www.youtube.com/watch?v=GnOyP04xdpw>, *Silicon Republic Irish Data Forum, 2015*,: (Start 3:12) <https://vimeo.com/138601615>

BLOGS: <http://datalibre.ca/>, <https://traceyplauriault.ca/>, **LISTSERVE:** <http://civicaccess.ca/>

REFERENCES:

Michael Lenczner, President, Ajah.ca Fundtracker & Powered by Data, 1-514-708-5112,

michael@poweredbydata.org,

Jean-Noe Landry, Director, Open North, 1-438-398-9338, jeannoe@opennorth.ca

Dr John ApSimon, Institute for Data Science, Carleton University, 613 854 5262,

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Curriculum Vitae

Tracey P. Lauriault, Assistant Professor of Critical Media and Big Data

Media Studies and Communication, School of Journalism and Communication,
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Canada, Office: 1- 613-520-2600 (7443), Tracey.Lauriault@Carleton.ca,
<http://orcid.org/0000-0003-1847-2738>

Related ACADEMIC EMPLOYMENT

Assistant Professor Critical Media and Big Data, Carleton University, Ottawa, 2015-Present
Post Doctoral Researcher, Programmable City Project, National University of Ireland, Maynooth, 2013-2015
Post Doctoral Fellow, Geomatics and Cartographic Research Centre (GCRC), Department of Geography and Environmental Studies (DGES), Carleton University, Ottawa, 2012-2013.
Researcher, International Research on Permanent Authentic Records in Electronic Systems (InterPARES 2 Project), School of Library, Archival and Information Studies (SLAIS), University of British Columbia (UBC), Vancouver, 2002-2007.

Related NON ACADEMIC EMPLOYMENT

Consultant, Hickling, Arthur and Low (HAL), 2011-Present. Specialist in the Preservation of Geomatics Data, Science and Technology Policy Research and Analysis Resource Team member for Natural Resources Canada.
Research Associate, Acacia Consulting and Research Ltd., 2002-2011. Specialist in indicator development, data access, data consortium coordination, data portal development, and social determinants of health; facilitated data collaborations with 56 cities, 800 community based organizations, and all levels of government; and advised the Federation of Canadian Municipalities, the Canadian Council on Social Development, the Public Health Agency of Canada and the National Roundtable on the Economy and the Environment on policies and practices related to data.
Social Researcher and Community Mapping Lead, Social Planning Council of Ottawa, 2000-2001. Led community mapping initiatives and acquired, managed and disseminated community and small area data as Project Manager; created research and data ethics committee; coordinated and built data management, developed sharing protocols with charitable and non-profit organizations; and prepared grant proposals.
Infrastructure Geographer, GeoConnections Secretariat, Natural Resources Canada, 1999-2000. Coordinated and managed the program's multi-sectoral and multi-departmental program advisory nodes, which led to the construction of Canada's Geospatial Data Infrastructure.

EDUCATION

PhD, Carleton University, Canada, PhD, 2012, Geography, Statistics and Mapping for Nation Building
MA, Carleton University, Canada, Geography, Spatial Data Infrastructures.

Related RECENT PUBLICATIONS

Edited Journals Forthcoming

Special Issue on Data Power, Canadian Journal of Communication (Forthcoming 2018)
Special Issues on Data Power, Online Information Review (Forthcoming 2018)

Journal Articles

Kitchin, R. and **Lauriault, T. P.** (2017) Small Data in the Era of Big Data, *GeoJournal*, Berlin, Springer. [Working Paper available at <http://ssrn.com/abstract=2376148>, Article available at <http://link.springer.com/journal/10708>].
Kitchin, R., **Lauriault T. P.** and McArdle, G. (2017) Knowing and Governing Cities through Urban Indicators, City Benchmarking, and Real-Time Dashboards, *Regional Studies, Regional Science*,

- Journal of the Regional Studies Association, Oxford, Taylor & Francis. [Available at <http://www.regionalstudies.org/publications/publication/regional-studies-regional-science>].
- Lauriault, T. P.** and D. R. F. Taylor, (2012), The Map as a Fundamental Source in the Memory of the World, *UNESCO Memory of the World in the Digital Age: Digitization and Preservation*, Vancouver, BC. [Available at http://www.ciscra.org/docs/Lauriault_Taylor_Map.pdf].
- Saunders, A., Scassa T. and **Lauriault, T. P.** (2012) Legal Issues in Maps Built on Third Party Base Layers, *Geomatica*, 66(4), Ottawa, ON, Canadian Institute of Geomatics, pp. 279-290, 10.5623/cig2012-054.
- Lauriault, T. P.**, Craig, B., Pulsifer, P. L. and Taylor, D. R. F. (2008) Today's Data are Part of Tomorrow's Research: Archival Issues in the Sciences, *Archivaria*, 64, Ottawa, ON, Association of Canadian Archivists, pp. 123-179.

Edited Books

- Kitchin, R., **Lauriault, T. P.**, and McArdle, G. (eds) (2017), *Data and the City*. Taylor and Francis.
- Kitchin, R., **Lauriault, T. P.** and Wilson, M. (eds) (2017) *Understanding Spatial Media*. Sage.
- Taylor, D. R. F. and **Lauriault, T. P.** (eds.) (2014). *Further Developments in the Theory and Practice of Cybercartography: Applications and Indigenous Mapping*, 2nd Edition, Amsterdam, The Netherlands, Elsevier.
- Taylor, D. R. F. (ed) and **Lauriault, T. P.** (Managing ed.) (2005) *Cybercartography Theory and Practice*. 1st Edition, Amsterdam, The Netherlands, Elsevier.

Book Chapters

- *Kitchin, R. and **Lauriault, T. P.** (2017). Towards Critical Data Studies: Charting and Unpacking Data Assemblages and Their Work. In Eckert, J., Shears, A. and Thatcher, J. (eds) *Geoweb and Big Data*. University of Nebraska Press. [Pre-Print paper available at http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2474112].
- Lauriault, T. P.** (2017), Ontologizing the City, In Kitchin, R., Lauriault, T.P. and McArdle, G. (eds) *Data and the City*, Taylor and Francis.
- ***Lauriault, T. P.** (2017), Open Spatial Data. In Kitchin, R., Lauriault, T.P. and Wilson, M. (eds) *Understanding Spatial Media*, Sage.
- ***Lauriault, T. P.** and Francoli, M. (2017) Openness, transparency, participation. In Kitchin, R., Lauriault, T.P. and Wilson, M. (eds) *Understanding Spatial Media*, Sage.
- *Kitchin, R., **Lauriault, T.P.** and McArdle, G. (2017) Indicators, Benchmarking and Urban Informatics, In Kitchin, R., Lauriault, T.P. and Wilson, M. (eds) *Understanding Spatial Media*, Sage.
- Kitchin, R., **Lauriault, T.P.** and Wilson, M. (2017) Understanding Spatial Media. In Kitchin, R., Lauriault, T.P. and Wilson, M. (eds) *Understanding Spatial Media*, Sage.
- Kitchin, R., **Lauriault, T.P.**, and McArdle, G. (2016) Smart cities and the politics of urban data. In Marvin, S., Luque-Ayala, A. and McFarlane, C. (eds.) *Smart Urbanism: Utopian Vision or False dawn?* Routledge, London.
- Lauriault, T. P.** (2014) Pilot Atlas of the Risk of Homelessness'. In Taylor, D. R. F. and Lauriault, T. P. (eds) *Further Developments in the Theory and Practice of Cybercartography*, Amsterdam, The Netherlands, Elsevier, Ch. 12. pp. 175-190.
- Lauriault, T. P.** and Taylor, D. R. F. (2014) Archiving and Preserving Cybercartography. In Taylor, D. R. F. and Lauriault, T. P. (eds) *Further Developments in the Theory and Practice of Cybercartography*, Amsterdam, The Netherlands, Elsevier, Ch. 21, pp. 343-350.
- Scassa, T., **Lauriault, T. P.** and Taylor, D. R. F. (2014) Cybercartography and Traditional Knowledge: Responding to Legal and Ethical Challenges. In Taylor, D. R. F. and Lauriault, T. P. (eds) *Further Developments in the Theory and Practice of Cybercartography*, Amsterdam, The Netherlands, Elsevier, Ch. 19. pp.279-293
- Taylor, D. R. F. and **Lauriault, T. P.** (2014) Conclusion and the Future of Cybercartography. In Taylor, D. R. F. and Lauriault, T. P. (eds) *Further Developments in the Theory and Practice of Cybercartography*, Amsterdam, The Netherlands, Elsevier, Ch. 22.

- Landry, J.-N. et **Lauriault, T. P.** (2013) Les données ouvertes : la matière première du nouvel engagement citoyen dans *L'État du Québec 2013-2014*, L'institut du nouveau monde, Montréal, QC, Les éditions du Boréal, pp. 104-113.
- Lauriault, T. P.**, Pulsifer, P. L. And Taylor, D. R. F. (2011) The Preservation and Archiving of Geospatial Digital Data: Challenges and Opportunities for Cartographers. In M. Jobst (ed.), *Preservation in Digital Cartography, Lecture Notes in Geoinformation and Cartography*, DOI 10.1007/978-3-642-12733-5_2. Springer-Verlag Berlin Heidelberg.
- Lauriault, T. P.**, Pulsifer P. L. and Taylor, D. R. F. (2010) The Preservation and Archiving of Geospatial Digital Data: Challenges and Opportunities for Cartographers. In Jobst, M. (ed) *Preservation in Digital Cartography: Archiving Aspects, Lecture Notes in GeoInformation and Cartography*, New York, Springer-Verlag, Ch. 2, pp. 25-55.
- Lauriault, T. P.** and Taylor, D. R. F. (2007) Geospatial Data Infrastructure for the Sustainable Development of East Timor. In *GSDI-9 Research and Theory in Advancing Spatial Data Infrastructure Concepts*, Redlands, CA, Esri Press, Ch. 12, pp. 175-199. [Derived from MA thesis.] [Available at <http://www.gsdidocs.org/gsdiconf/GSDI-9/papers/TS58.4paper.pdf>].
- Lauriault, T. P.** and McGuire, H. (2010) Data Access in Canada: civicaccess.ca. In Fitzgerald, B. (ed) *Access to Public Sector Information: Law, Technology and Policy: Vol.1*, University of Sydney, NSW, Sydney University Press, Ch.14, pp. 278-284.

CONFERENCE:

Data Power 2017, Hosted, convened and organized, in collaboration with Merlyna Lim, Carleton University; Helen Kennedy and Jo Bates, University of Sheffield; and Ysabel Gerrard University of Leeds.

Related RESEARCH GRANTS:

- 2017, SSHRC Connection Grant, *Data Power 2017 Conference*, Primary Investigator Merlyna Lim, Co-Applicant Tracey P. Lauriault (\$14 100.00)
- 2017, GeoConnections Grant, *Open Smart Cities*, Core Project Team Collaborator, Led by Open North. (\$ 177,350.00)
- 2016, SSHRC Insight Development Grant, *Making Data Matter: analyzing the material effects of big data use in the agrifood sector*, Collaborator, Primary Investigator Kelly Bronson, St. Thomas University (\$47 831.00)
- 2016, (Submitted), Co-Investigator and Primary User on submitted Canada Foundation for Innovation proposal, *Carleton University Internet of Things Research Center*, by Primary Investigator Mohamed Ibnkahla, Systems and Computer Engineering, Carleton University.
- 2011-2013, Mapping the Legal and Policy Boundaries of Digital Cartography, Partnership Development Grant, Researcher Social Science and Humanities Research Council (SSHRC), (\$199,000 GCRC).

Related TECHNICAL REPORTS:

- Lauriault, T. P.**, Bloom Rachel, and Letts, Stephen (Forthcoming 2017) Open Smart Cities E-Scan, to be delivered to GeoConnections as part of the Open Smart Cities Funded Project
- Fewer, D., **Lauriault, T. P.**, Scassa, T., Taylor, D. R. F. (2016) A Proposal: an Open Licensing scheme for Traditional Knowledge. https://cippic.ca/en/TK_Open_Licensing_Proposal
- Lauriault, T. P.**, Hackett, Y. and Kennedy, E. (2014) Geospatial Data Preservation Primer, Science & Technology Policy Research and Analysis Resource Team Report for Natural Resources Canada (NRC), Hickling, Arthur and Low Inc., Ottawa, ON, NRC.
[<http://geoscan.nrcan.gc.ca/starweb/geoscan/servlet.starweb?path=geoscan/fulle.web&search1=R=296299>]
[<http://geoscan.nrcan.gc.ca/starweb/geoscan/servlet.starweb?path=geoscan/fulle.web&search1=R=296300>]
- Canadian Internet Public Policy Interest Clinic (CIPPIC) and the Geomatics and Cartographic Research Centre (GCRC) (2013) Traditional Knowledge Licencing: Final Consultation Report, Joint Study with University of Ottawa Centre for Technology Policy and Law, Ottawa, ON, CIPPIC and GCRC.

- Lauriault, T. P.** and Kennedy, E. (2012, March) Geospatial Data Archiving and Preservation, Science & Technology Policy Research and Analysis Resource Team Report for Natural Resources Canada (NRC), Hickling, Arthur ad Low Inc., Ottawa, ON, NRC. [Also available in French] [Executive Summary available at <http://geoscan.ess.nrcan.gc.ca/cgi-bin/starfinder/o?path=geoscan.fl&id=fastlink&pass=&format=FLFULL&search=R=292413>]
- Lauriault, T. P.** (2011, June) Mapping to Assess Health Inequity at the Local Level, Acacia Consulting and Research Report to the Local Action First Sub-Committee, Ottawa, ON, Public Health Agency of Canada (PHAC).
- Lauriault, T. P.** and Taylor, D. R. F. (2009) Final Report of the Cybercartographic Atlas of the Risk of Homelessness Pilot Project, Report to the Homelessness Knowledge Development Program, Homelessness Partnering Secretariat, Ottawa, ON, Human Resources Skill Development Canada (HRSDC). [Available at https://gcrc.carleton.ca/confluence/download/attachments/2850828/FINAL+REPORT_LauriaultTaylor_RiskofHomelessnessAtlasPilot-2.pdf?version=1].
- Bryne Potter, A., **Lauriault, T. P.**, McIntyre N. and Clement, A. (2008) Toward an Online Interactive Broadband Atlas for Ontarians, Community Wireless Infrastructure Research Project (CWIRP) Report (Faculty of Information, University of Toronto) to the Ministry of Government and Consumer Services of Ontario Program: Toward a Broadband Research Agenda for Ontario, Toronto, ON, Government and Consumer Services of Ontario, Government of Ontario.

Related PROFESSIONAL ACTIVITIES:

- Government of Ontario International Open Data Charter Stakeholder Advisory Committee***, (February 2017-Pres.)
- Research Data Canada Steering Committee Member***, Appointed (January 2017-Pres.)
- Carleton Institute for Data Science, Advisory Board***, (January 2017-Present)
- GeoAlliance Canada Project Advisory Committee***, evaluate proposals and monitor projects undertaken by the Canadian geomatics, geography and geospatial community for the purposes of data access and education. (July 2016-Pres.)
- Board Member***, Open North Canada, (January 2016-Pres.)
- Research Associate***, The Programmable City Project, PI Professor Rob Kitchin, funded by the European Research Council (ERC), Republic of Ireland. (2015-Pres.)
- Research Associate***, The Geomatics and Cartographic Research Centre, under the Directorship of Professor D. R. Fraser Taylor, Department of Geography and Environmental Studies, Carleton University, Ottawa, Canada (2012-Pres.)
- Steering Committee Member***, Powered By Data, Tides Foundation Platform (November 2015-Pres.)
- Invited Member***, Central Statistics Office Homelessness Census Count Committee, (December 2014-June 2015)
- Invited Member***, Public Bodies Working Group on Open Data, Department of Public Expenditures and Reform. (November 2014-June 2015).
- Invited Member***, Research and Data Advisory Committee (RDAC) to the Dublin Regional and Homelessness Executive, (March 2014-June 2015).
- Member***, Digital Repository of Ireland (DRI), DRI Copyright and Intellectual Property Task Force, (December 2013-June 2015).