

Abstracts submitted for the CTRF 52nd Annual Conference; “*Canadian Transportation: 150 Years of Progress*”
 Radisson Hotel Winnipeg Downtown, Manitoba, May 28 – 31, 2017

Title	Authors
Active and Green Transportation	
Responses to electric bikes (e-bikes) amongst stakeholders and decision-makers with influence on transportation reform in Toronto, Canada	Joshua Goodfield, Sara Edge
Active Transportation Delivery Methods using City of Toronto's PATH Network	Puyuan Deng, Mehdi Nourinejad, Mahyar Jahangiriesmaili, Matthew Roorda
Understanding Social Equity in Active Transportation Provision in Canada: A Systematic Review	Shaila Jamal
Agricultural Transportation	
Removal of the Maximum Revenue Entitlement Program: The Good, the Bad, and the Ugly	Mohammad Torshizi, Richard Gray
Transportation Challenges of Rural SMEs: Insights from Alberta	Kalinga Jagoda
Western Canadian Grain Transportation and The Maximum Revenue Entitlement: Process, Design Considerations and Final Implementation	Steve Pratte
Air Transportation	
Sustainability Reporting of Airlines: Performances and Driving	Xudong Chen, Changmin Jiang, Paul Larson
Data interface model for passenger-centric intermodal traffic management	Olaf Milbredt, Florian Rudolph
Demand Analysis	
Design of a stated preference survey; consumer appetite for electric vehicles in Canada	Elnaz Abotalebi, Darren Scott
Modeling the Demand for Electric Vehicles in the Canadian Rental Market: A Stated Preference Approach	Terence Dimatulac, Hanna Maoh
Passenger/Operator Opinion Survey for Transit Stop Evaluation Using Multi-Criteria Decision-Making	Hassaan Masood, Ahmed Idris
Intelligent Transportation Systems (ITS)	
The Impacts of Connected and Automated Vehicle Technologies on Goods Movement and Distribution	Alec Knowles
Incident Modelling using V2V Interactions in Mixed Traffic Flow Conditions: A Microsimulation Approach	Shakil Khan, Hanna Maoh, William Anderson
A Future with Autonomous Vehicles: Issues, The Potential for Research Topics, and A Personal Perspective	Malcolm Cairns

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Transportation Network Complexity with the Postal Industry Supply Chain. A Customized Solution Deployed by Canada Post	Matin Foomani, Amir Khataie
Bricks-And-Clicks Retailer Fulfillment Strategy	Sina Bahrami, Matthew Roorda
Marine Transportation	
Arctic Pilots for Canadian Corridors	Leah Beveridge
Crude Oil Transportation Lessons for the West Coast	Philip John
Short Sea Shipping in Canada - Alive or Dead?	James Frost
Mode Choice	
Waiting for the Bus: Service Dependability and Commuter Mode Choice	Justin Tyndall
Cluster-Based Multinomial Logit Model for Tour Mode Choice	Naznin Daisy, Lei Liu, Hugh Millward
Optimizing Infrastructure	
Modeling the Feasibility and Benefits of Transitioning Diesel-Based Heavy-Duty Trucks to CNG-Powered Engines in the GTHA	Amal Ghamrawi, Hanna Maoh
Sustainability Analysis of Transportation Infrastructure in Waterloo, Ontario	Jacob Terry, Chris Bachmann, Jeffrey Casello
Benchmarking Transit Oriented Development (Tod) Performance: A Literature Review	Md Sabbir Sharif
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In Focus: National Transportation Policy Consultations and Necessary Next Steps	Philip Cartwright, Nick Mulder, Patty Toner
Sustainable railroading across Canada and beyond	Paul Larson
Exploring the past 70 years of transportation planning tools and practices among select New Brunswick cities: Are we ready for the future?	Trevor Hanson
Public Transit	
Setting A Fair-Fare Structure for Improved Transit Passengers' Accessibility	Zhenyuan (Eric) Ma, Md. Nobinur Rahman, Ahmed Idris
How many New Brunswickers rely on organized volunteer driver programs? Preliminary tools and approaches to help us find the answer	Trevor Hanson, Matthieu Goudreau
Trends in Transit: A Statistical Examination	Lawrence McKeown, Eric Mongrain

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Road Transportation	
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Photo Radar in Ontario--Will Being a Late Adopter Solve the Problems?	Gordon Baldwin
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Modelling Start-up Size of Canadian Firms	Toka Mostafa, Matthew Roorda
Policies to Control Spillover Parking	Murat Inan, Eren Inci, Robin Lindsey
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The environmental weight of freight: Reporting on a Neighbourhood Freight Forum in Toronto, Ontario	Lindsay Wiginton
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An Analysis of American Commodity Shipments to Canada	Lawrence McKeown, Aya Hagag
Transportation Modeling and Data	
Optimization in the Utility Maximization Framework for Solo and Joint Activities	Naznin Daisy, Lei Liu, Hugh Millward, Bing Wang
New CTA Model for the Measurement of the Total Factor Productivity of Canadian Railways	Koby Kobia, Hakan Andic
A Framework for Transportation Infrastructure Investment Optimization using Computable General Equilibrium Models	Hamed Shahrokhi Shahraki, Chris Bachmann
Truck Transport	
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A Simulation Approach to Modeling the Robustness of the Ontario Truck Road Network	Georgiana Madar, Hanna Maoh, William Anderson
Urban Freight Movements	
Solid Waste Collection Vehicle Route Optimization with Emission Control for the City of Halifax, Canada	Bing Wang, Mohammad Hesam Hafezi, Naznin Daisy, Lei Liu
Region of Peel - Commodity Flow and Network Analysis	Adrian Lightstone, Mausam Duggal
Trip Generation Modeling for London, Ontario, Canada: A Micro-Analytical Approach	Rahaf Husein, Hanna Maoh
Urban Policy and Planning	
Index-Based Decision-Support Tool for Transit Stop Planning Under Uncertainties	Hassaan Masood, Ahmed Idris
Life cycle costing for transportation, housing and municipal service provision: a case study in Montreal, Canada	Chris Harding, Eric Miller
Modeling the Day-To-Day Activity Participation and Time Use Behavior	Naznin Daisy, Lei Liu, Hugh Millward

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Underground Transit Asset Management; New Issues	Alireza Mohammadi, Luis Amador-Jimenez, Fuzhan Nasiri
The Effects of Urban Rail Rapid Transit Station Attributes on Housing Prices in Toronto and Vancouver	Jasmine Eftekhari
A Simulation Model to Evaluate Impact of Vehicle Size and Dispatch Headway Variability on Passenger Loading and Reliability of Public Transit	Md. Karol Islam