# **Todd Litman**

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# Summary

Todd Litman is founder and executive director of the Victoria Transport Policy Institute, an independent research organization dedicated to developing innovative solutions to transport problems. His work helps expand the range of impacts and options considered in transportation decision-making, improve evaluation methods, and make specialized technical concepts accessible to a larger audience. His research is used worldwide in transport planning and policy analysis.

Mr. Litman has worked on numerous studies that evaluate transportation costs, benefits and innovations. He authored the *Online TDM Encyclopedia*, a comprehensive Internet resource for identifying and evaluating mobility management strategies; *Transportation Cost and Benefit Analysis: Techniques, Estimates and Implications*, a comprehensive study which provides cost and benefit information in an easy-to-apply format; and *Parking Management Best Practices*, the most comprehensive book available on innovative management solutions to parking problems.

Mr. Litman has worked as a research and planning consultant for a diverse range of clients, including government agencies, professional organizations, developers and non-government organizations. He has worked in more than two dozen countries, on every continent except Antarctica.

Mr. Litman is a frequent speaker at conferences and workshops. His presentations range from technical and practical to humorous and inspirational. He regularly blogs on the <u>Planetizen</u> website. He is active in several professional organizations including the Institute of Transportation Engineers (ITE) and the Transportation Research Board (TRB, a section of U.S. National Academy of Sciences).

In addition to technical writing, Todd has co-authored two travel books (*Washington; Off the Beaten Path* and *Best Bike Rides in the Pacific Northwest*) with his wife, Shoshana Litman. They reside in Victoria, British Columbia.



# **Work Experience**

# Executive Director, Victoria Transport Policy Institute

Todd Litman is founder and Executive Director of the Victoria Transport Policy Institute (VTPI), is an independent research organization established in 1995. Mr. Litman performs research and policy analysis on a variety of issues, including economic analysis, full cost accounting, transportation demand management planning and evaluation, environmental and social impact analysis, equity analysis, multi-modal planning and transit program evaluation. Below are examples of his VTPI projects.

#### Produced Comprehensive Analysis of Sprawl Costs and Development Policy Distortions

Performed research on the costs and benefits of various development patterns, optimal development policies, potential policy distortions that result in economically excessive sprawl, and developed a framework for estimating the incremental costs of sprawl. Produced a detailed report, *Analysis of Public Policies That Unintentionally Encourage and Subsidize Urban Sprawl*. (Client: London School of Economics and Political Science, on behalf of the Global Commission on the Economy and Climate for the New Climate Economy Cities Program <u>www.newclimateeconomy.net</u>; Time Period: October 2014 – January 2015).

#### Environmentally Sustainable Transportation Conference Backgrounder

Commissioned to write a comprehensive 58-page backgrounder and keynote presentation for the *Eighth Regional EST Forum in Asia* (www.baq2014est.org), a major international conference held 19-21 November in Colombo, Sri Lanka. Provided conference support and produced the report titled, *Implementing Transport Policies and Programmes toward Realizing "Bali Vision Three Zeros - Zero Congestion, Zero Pollution, and Zero Accidents towards Next Generation Transport Systems in Asia"* (www.uncrd.or.jp/content/documents/21438EST-P1-BGP\_VITP.pdf). (Client: United Nations Centre for Regional Development; Time Period: October-December 2014).

## **Rural Community Public Transit Strategic Development**

Performed detailed analysis of future public transit travel demands, and options for serving those demands, in Yellowhead County, a largely rural region in Western Alberta. This involved analysis of demographic and economic trends that are expected to affect future demand for non-automobile travel, research concerning rural transit service options, analysis of the advantages and disadvantages of these options, presentations and meetings with various stakeholders to discuss current and future mobility needs in that community, and development of recommendations for next-steps in transit service planning. (Client: Yellowhead County, Alberta; Time Period: June-September 2014).

## Public Transit Strategic Development and Benefits Evaluation

Provided support for creating a strategic public transit development vision, evaluating transit benefits, and identifying potential funding options suitable for a rapidly urbanizing region. Planned and lead public forums and professional development workshops that identified and explored various public transit improvement benefits, and ways to communicate those benefits to decision-makers and the general public. PowerPoint presentation available at <a href="http://coic2.org/transportation/regional-planning">http://coic2.org/transportation/regional-planning</a>. (Client: Central Oregon Intergovernmental Council; Time Period: June-August 2014).

## Multi-Modal School Access Planning Lesson Plan

Developed the *Multi-Modal School Transportation Planning: Part 1 and Part 2* for the American Clearinghouse on Educational Facilities website, available at <u>www.acefacilities.org/interactivelessons</u>. These lesson plans explore why and how to improve school walking and cycling access, and how to evaluate these benefits and communicate them to school decision-makers. (Client: American Clearinghouse on Educational Facilities. Time Period: October 2013 – March 2014).

## Sustainable Urban Development

Helped update Abu Dhabi's *Plan Capital 2030*. Through a planning charrette process with extensive stakeholder involvement, helped identify practical ways to incorporate social sustainability factors into the city of Abu Dhabi's strategic development plan. These factors include public fitness and health, community cohesion (the quality of neighborhood interactions), basic mobility for non-drivers, and culture. (Client: Abu Dhabi Urban Planning Council. Time Period: September 2013).

### **Transport Safety and Security Analysis**

Investigated transportation safety and security issues to consider for strategic planning in the Greater Vancouver region. Identified methods for measuring transport risks, and evaluated the relative risks of different modes, differences between actual and perceived risk, the impacts that perceived risk has on travel activity, methods for reducing risks, and implications for transport policy and planning. (Client: TransLink. Project Manager: Chris Quigley. Time Period: December 2011 - June 2012.)

#### **Transportation Best Practices Evaluation Professional Development**

Planned and presented professional development workshops on comprehensive and multi-modal transport planning for planners, economists and policy analysts, for the Asian Transport Forum 2012. (Client: Asian Development Bank. Project Manager: Lloyd Wright. Time Period: November 2012)

#### Transportation Demand Management Professional Development Program

Planned and presented professional development workshops on sustainable transport planning and transportation demand management for planners and engineers in South Africa. (Client: South African Institution of Civil Engineering. Project Manager: Andre Frieslaar. Time Period: Sept. 2012)

#### Public Transit Funding Options Evaluation

Provided technical support for a special task force that identified potential new local public transit funding options. This included developing a comprehensive framework for evaluating potential options from various perspectives, in order to provide a recommended package of preferred local funding options with an implementation strategy. This involved a survey and focus groups to help identify public concerns and preferences regarding funding options. Final report, *Regional Transit Local Funding Options* (http://tinyurl.com/pyq9dez) (Client: Capital Regional District and BC Transit. Project Manager: Marg Misek-Evans. Time Period: November 2011 – Sept. 2012.).

## **Transportation Demand Management in Chinese Cities Guidebook**

Coauthored the report, *Reducing Carbon Emissions through Transport Demand Management Strategies: Review of International Examples* (www.tdm-beijing.org/files/International\_Review.pdf) for the Beijing Transportation Research Center and Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ). This report identified various transportation demand management strategies, described examples of their implementation in cities around the world, and evaluated their potential impacts and benefits in Chinese cities. (Client: GIZ. Project Manager: Daniel Bongardt. Time Period: September 2011 – March 2012)

#### **Parking Management Policy Development**

Helped develop parking management plan for downtown Kingston. Investigated current and future parking problems and the role that more efficient parking management can play in helping to achieve strategic planning objectives. Identified various parking management strategies appropriate for downtown Kingston. Provided presentations and lead stakeholder workshops for public officials, planning practitioners, local businesses and residents. (Client: City of Kingston. Project Manager: Sheila Kidd. Time Period: July - October 2011.)

## Comprehensive Transport Project Economic Evaluation Methodology Development

Identified potential transport project assessment improvements. Defined sustainable development principles and their implications for transport planning, summarized current transport project evaluation best practices, identified ways to improve current practices, and recommended research to create better assessment tools suitable for use in developing country conditions. (Client: Asian Development Bank. Project Manager: Jamie Leather. Time Period: September 2010 to April 2011.)

## Assessing The Costs and Health Benefits of Active Transport

Investigated practical methods for evaluating the full benefits, including health benefits, of policies and programs that increase walking and cycling activity. Created an evaluation framework, and preliminary research on methods for quantifying and monetizing these impacts. Summary report, <u>Cost and Health Benefits of Active Transport in Queensland: Research and Review</u>. (Client: Queensland Transport. Project Manager: CATALYST. Time Period: July 2010 to March 2011.)

#### **Downtown Parking Management Plan**

Helped develop parking management plan for downtown Whitehorse, Yukon. Reviewed existing parking planning practices. Identified potential parking management strategies and policy reforms. Presented options to city officials and community groups. Provided recommendations. (Client: City of Whitehorse. Project Manager: Boulevard Transportation Planning. Time Period: June-July 2010.)

#### Vehicle Insurance Pricing Reform Research

Performed detailed analysis of the benefits, costs and obstacles to implementing pay-as-you-drive vehicle insurance. Produced *Pay-As-You-Drive Vehicle Insurance in British Columbia*, (<u>www.vtpi.org/paydbc.pdf</u>) backgrounder report. (Client: Pacific Institute for Climate Solutions [<u>www.pics.uvic.ca</u>]. Project Manager: Dr. Thomas Pedersen. Time Period: May 2010-June 2011.)

### **Community Energy and Emissions Reduction Plans**

Helped develop Community Energy and Emission Reduction Strategies (CEERS) for Langford and Colwood. Provides guidance on transportation and land use policies that support energy conservation and emission reduction objectives. (Client: cities of Langford and Colwood. Project Manager: Jordan Fisher of Jordan Fisher & Associates. Time Period: May 2009-January 2010.)

## **Public Transit Benefits Evaluation**

Performed analysis of the full benefits of public transportation, including public health and economic development. Analyzing the degree to which current planning accounts for these benefits. Produced the report, *Evaluating Public Transportation Health Benefits* (www.vtpi.org/tran\_health.pdf). (Client: American Public Transportation Association. Project Manager: Robert Padgette. Time Period: December 2008-November 2009.)

## **Transportation and Public Health Study**

Performed research on the effects transport patterns have on public health and ways to incorporate health objectives into transportation policies and planning practices. Presented preliminary findings at the *Linking Transportation Policy and Public Health* conference, November 13-14. Final results were published in the book, *Equitable Transportation Policy: Recommendations and Research*. (Client: US Center of Disease Control and the Healthy Eating and Active Living Convergence Partnership [www.convergencepartnership.org]). Project Manager: Professor Stephanie Pollack, Northwestern University. Time Period: Oct. 2008-Nov. 2009)

# **Education**

Masters of Environmental Studies, Evergreen State College (Olympia, Washington), 1995.

BA, with emphasis on urban planning, Evergreen State College (Olympia, Washington), 1983.

# Teaching

Adjunct Professor, School of Community and Regional Planning (SCARP), University of British Columbia (<u>www.scarp.ubc.ca/faculty%20profiles/litman.htm</u>), 2008- 2010.

Urban Transportation Planning (Planning 548A), University of British Columbia, 2008.

*Transportation Land Use Impacts*, professional development workshop for the Association of Professional Engineers and Geoscientists of BC (<u>www.apeg.bc.ca</u>), 2006 and 2007.

Land Use & Coastal Zone Management, ES419, Bachelor of Science in Environmental Management, Royal Roads University, May 2006.

*Urban Transportation and Land Use Planning*, GEOG 444 S01, Department of Geography, University of Victoria, Spring Session 2000 and Summer Session 2001.

Participated in the "Gil Sherwin Teaching Excellence Workshop," September 2000.

"Bicycle Mechanics and Skills," Leisure Education Program, Evergreen State College, 1982-87.

# **Professional Affiliations**

*Special Task Force on Data for Decisions and Performance Measures* (A0030T), Transportation Research Board (<u>www.trb.org</u>), appointed member December 2010.

*Location and Planning Committee Technical Advisory Group* for LEED (Leadership in Energy & Environmental Design) Rating System, U.S. Green Building Council (<u>www.usgbc.org</u>), appointed April 2010. Advises on development of LEED credits related to location, transport and parking.

*Sustainable, Low Carbon Transport Partnership* (<u>www.slocat.net</u>) is a major international network of working to improve knowledge on sustainable low carbon transport.

World Congress for Transportation Research (www.wctrs.org), 2004-present.

Transportation Research Board, National Academy of Sciences (<u>www.trb.org</u>). Appointed to:

- Committee on Transportation and Sustainability (ADD40), 2010 to present.
- Environmental Justice Committee (ADD 50), 2012 to present.
- Chair of Sustainable Transportation Indicators Subcommittee (ADD40[1]), 2010 to 2014.
- Transportation Economics Committee (ABE 20), 2006-2009.

*Institute of Transportation Engineers* (<u>www.ite.org</u>), member of ITE Parking Council and past member of the Vancouver Island Section Executive Committee, 1999-2006.

International Journal of Global Environmental Issues, Editorial Board, since 2007.

Transportation Research A, Editorial Advisory Board, 1999-2008.

Canadian Centre for Sustainable Transportation (<u>www.cstctd.org</u>), Board Member, 2000-2005.

# **Publications**

# Journal Articles, Conference Papers, Published Reports and Books

Mr. Litman frequently blogs on the Planetizen website (www.planetizen.com/user/2394).

Analysis of Public Policies that Unintentionally Encourage and Subsidize Sprawl (2015), in partnership with the LSE Cities program (<u>http://lsecities.net</u>) for the New Climate Economy (<u>http://newclimateeconomy.net</u>); at <u>http://bit.ly/1EvGtIN</u>. This report was cited by international media including, "*Try Jam Today: Policies To Slow Down Warming May Be More Attractive If Framed As Ways Of Speeding Up Growth*" (<u>http://econ.st/1qUeVLQ</u>) in *The Economist; "The Cost of Sprawl: More Than \$1 Trillion Per Year, New Report Says*" (<u>http://on.wsj.com/1FFcqCJ</u>) in the Wall Street Journal; and "*The Steep Costs Of Living So Far Apart From Each Other*" (<u>http://wapo.st/1Bnrm2o</u>), in The Washington Post.

Implementing Transport Policies and Programmes toward Realizing 'Bali Vision Three Zeros - Zero Congestion, Zero Pollution, and Zero Accidents Towards Next Generation Transport Systems in Asia', backgrounder for the Environmentally Sustainable Transport Forum in Asia, held 19-21 November 2014 in Colombo, Sri Lanka; at <a href="https://www.uncrd.or.jp/content/documents/21438EST-P1-BGP\_VITP.pdf">www.uncrd.or.jp/content/documents/21438EST-P1-BGP\_VITP.pdf</a>.

"A New Transit Safety Narrative," *Journal of Public Transportation*, Vol. 17, No. 4, 2014, pp. 114-135; at <u>www.nctr.usf.edu/wp-content/uploads/2014/12/JPT17.4\_Litman.pdf</u>.

"Playing a CRITICAL ROLE: Author And Researcher Todd Litman On The Future Of Transportation And Why So Much Of It Depends On Parking," *The Parking Professional*, the official magazine of the International Parking Institute (www.parking.org), November 2014; at www.vtpi.org/PPI\_litman.pdf.

"Social Exclusion and Transportation Services: A Case Study of Unskilled Migrant Workers in South Korea," *Habitat International*, Vol. 44, October 2014, Pages 482-490, by Younshik Chung, Keechoo Choi, Jungsik Park and Todd Litman. At www.sciencedirect.com/science/article/pii/S0197397514001349.

"Evaluation of the Affordability Level of State-Sector Housing Built in Iran: Case Study of the Maskan-e-Mehr Project in Zanjan City," *Journal of Urban Planning and Development*, Vol. 140 (<u>http://dx.doi.org/10.1061/(ASCE)UP.1943-5444.0000235</u>)</u>, with Ali A Isalou, Kayoumars Irandoost and Behzad Shahmoradi.

"Sustainable Transportation: New Kid On The Block," *Transportation in Canada: Transforming the Fabric of our Land*, Transportation Association of Canada, a book published as part of the organization's centennial activities (http://www.transportation2014.ca); at www.transportation2014.ca/admin/wp-content/uploads/TAC-Ebook\_ENG5.pdf.

*Toward More Comprehensive and Multimodal Transportation Performance Evaluation* and *Valuing*, and *Improving Transportation-Related Data Programs: Report from 2013 TRB Sessions*, presented at the North American Travel Monitoring Exposition and Conference, 29 June – 2 July 2014, Chicago (http://tinyurl.com/n93xnz6).

*The Mobility-Productivity Paradox: Exploring The Negative Relationships Between Mobility and Economic Productivity* (<u>www.vtpi.org/ITED\_paradox.pdf</u>); *Congestion Evaluation Best Practices* 

(www.vtpi.org/ITED\_congestion.pdf); and *Economically Optimal Transport Prices and Markets: What Would Happen If Rational Policies Prevailed?* (www.vtpi.org/ITED\_optimal.pdf); presented at the International Transportation Economic Development Conference (http://tti.tamu.edu/conferences/ited2014), 9-11 April 2014, Dallas, Texas.

"How Transport Pricing Reforms Can Increase Road Safety," *Traffic Infra Tech*, April-May 2014, pp. 68-71 (<u>http://emag.trafficinfratech.com</u>); at <u>www.vtpi.org/TIT-pricesafety.pdf</u>.

"Evaluating Public Transportation Local Funding Options," *Journal of Public Transportation* (<u>www.nctr.usf.edu/category/jpt</u>), Vol. 17, No. 1, 2014, pp. 43-74; at <u>www.nctr.usf.edu/wp-content/uploads/2014/03/JPT17.1.pdf</u>.

"Ready or Waiting," *Traffic Technology International*, January 2014, pp. 36-42; at www.vtpi.org/AVIP\_TTI\_Jan2014.pdf

"Smarter Congestion Relief In Asian Cities: Win-Win Solutions To Urban Transport Problems," *Transport and Communications Bulletin for Asia and the Pacific*, United Nations No. 82, 2013, pp. 1-18; at www.unescap.org/sites/default/files/b82\_Chapter1.pdf.

"Towards More Comprehensive Multi-modal Transport Evaluation," *JOURNEYS* September, LTA Academy (<u>www.ltaacademy.gov.sg/journeys.htm</u>); at <u>http://tinyurl.com/lyj9kfd</u>.

"Transportation Demand Management: Win-Win Solutions for Transport Problems," *Transportation Demand Management: Insights from the Mobil.TUM 2012 International Scientific Conference on Mobility and Transport*, Fachgebiet für Siedlungsstruktur und Verkehrsplanung (www.sv.bgu.tum.de); at http://tinyurl.com/ke8rbrn.

"Changing North American Vehicle-Travel Price Sensitivities: Implications For Transport and Energy Policy," *Transport Policy*, Vol. 28, pp. 2-10, July 2013 (http://dx.doi.org/10.1016/j.tranpol.2012.06.010).

"The New Transportation Planning Paradigm," *ITE Journal* (<u>www.ite.org</u>), Vo. 83, No. 6, pp. 20-28, 2013; at <u>http://digitaleditions.sheridan.com/publication/?i=161624</u>.

"Transportation and Public Health," *Annual Review of Public Health*, Vol. Vol. 34, pp. 217-233 (www.annualreviews.org/doi/abs/10.1146/annurev-publhealth-031912-114502) 2013; draft version at www.vtpi.org/ARPH\_Litman\_2012.pdf.

"Comprehensive Evaluation Of Energy Conservation And Emission Reduction Policies," *Transportation Research A*, Vol. 47, January 2013, pp. 153-166 (http://dx.doi.org/10.1016/j.tra.2012.10.022).

"Full Cost Analysis of Petroleum," *Transport Beyond Oil: Policy Choices for a Multimodal Future*, (John Renne and Billy Fields, eds), *Island Press* (<u>www.islandpress.com</u>), 2013; at <u>http://islandpress.org/ip/books/book/islandpress/T/bo8637519.html</u>.

"Pricing For Traffic Safety: How Efficient Transport Pricing Can Reduce Roadway Crash Risk," *Transportation Research Record 2318*, 2012, pp. 16-22, TRB (<u>www.trb.org</u>); at <u>www.vtpi.org/price\_safe.pdf</u>.

*Transport Elasticities: Impacts on Travel Behaviour: Understanding Transport Demand To Support Sustainable Travel Behavior* (2012), Technical Document #11, Sustainable Urban Transport Project and GIZ (www.sutp.org/index.php/en-dn-tp).

"Mobility Management Solutions to Transport Problems Around the World," *Cars and Carbon: Automobiles and European Climate Policy in a Global Context* (Zachariadis, ed), Springer (www.springer.com), 2012.

"Current Mobility Trends – Implications for Sustainability," chapter in *Keep Moving, Towards Sustainable Mobility*, Eleven International (<u>www.elevenpub.com</u>), pp. 23-44.

"Transportation Demand Management: Win-Win Solutions to Transport Problems," *Transportation Demand Management: Insights from the mobil.TUM 2012 Internatinal Scientific Conference on Mobility and Transport*, Technische Universitat Munchen; at <u>http://tinyurl.com/ljvj5m7</u>.

Sustainable Transport Evaluation: Developing Practical Tools for Evaluation in the Context of the CSD Process, Commission on Sustainable Development, United Nations Department Of Economic And Social Affairs, 2011, with Daniel Bongardt, Dominik Schmid and Cornie Huizenga; at <a href="http://docsfiles.com/pdf\_sustainable\_transport\_evaluation\_developing\_practical\_tools\_for.html">http://docsfiles.com/pdf\_sustainable\_transport\_evaluation\_developing\_practical\_tools\_for.html</a>.

"Sustainable Transportation Indicators for TDM Planning," *TDM Review*, Association for Commuter Transportation (<u>www.actweb.org</u>), Winter 2012, pp. 21-25; at <u>https://asct.memberclicks.net/assets/tdm\_review\_winter\_2012.pdf</u>.

"More Choices, Less Traffic: Combination of Approaches Meld to Reduce Traffic Congestion," Canadian Property Management (<u>www.mediaedge.ca/cpm\_02.shtml</u>), November 2011, pp. 28-29.

"Smart Traffic Congestion Reductions: A Comprehensive Analysis of Congestion Costs and Congestion Reduction Benefits," *Traffic Infra Tech*, Oct-Nov 2011, Vol. 2, No. 2, pp. 42-46 (www.trafficinfratech.com); at www.trafficinfratech.com/smart-traffic-congestion-reductions.

"Bias Begets Dependency: Conventional Planning Favors Automobile Travel," Canadian Property Management (<u>http://cpm.dgtlpub.com/2011/2011-08-31/home.php</u>), July-August 2011, pp. 30-32, with Mark Brenman.

"Can Smart Growth Policies Conserve Energy And Reduce Emissions?," *Center for Real Estate Quarterly Journal*, Vol. 5, No. 2. Spring 2011; at <u>www.vtpi.org/REQJ.pdf</u>.

"Why and How to Reduce the Amount of Land Paved for Roads and Parking Facilities," *Environmental Practice*, Journal of the National Association of Environmental Professionals, Vol. 13, No. 1, March 2011, pp. 38-46; <u>http://journals.cambridge.org/action/displayJournal?jid=ENP</u>

"America Needs Complete Streets," *ITE Journal* (<u>www.ite.org</u>), April 2011, pp. 36-43, with Dan Burden; at <u>www.vtpi.org/ITE\_comp\_st.pdf</u>

"Alle Einsteigen, Bitte! Warum der Individualverkehr keine Zukunft hat (All Aboard Please! Why the Individual has no Future)" *KulturAustausch* (Cultural Exchange: Journal of International Perspectives) (www.ifa.de/pub/kulturaustausch/archiv/ausgaben-2011/weniger-ist-mehr).

"Sustainable Transport Performance Indicators, *Green Growth In Transportation: International Views on the Transition*, Korean Transport Institute (<u>www.koti.re.kr</u>), 2010, pp. 267-326.

"Revenue Source In Sync With Planning Principles: Parking Prices Present Palatable Alternative To Road Tolls," *Canadian Property Management* (<u>www.canadianpropertymanagement.ca</u>), Vol. 25, No. 2, April/May 2010, pp. 13-14.

"Terrorism, Transit and Public Safety: Evaluating The Risks," *Public Transport International*, UITP (<u>www.uitp.org/pti</u>); Jan/Feb. 2010; pp. 20-21.

"Transportation Policy and Injury Control," *Injury Prevention*, Vol. 15, Issue 6, 2009 (<u>http://injuryprevention.bmj.com/content/15/6/362.full</u>); at <u>www.vtpi.org/tpic.pdf</u>.

"Public Transportation and Health," *Healthy, Equitable Transportation Policy: Recommendations And Research, PolicyLink and the Prevention Institute Convergence Partnership (www.convergencepartnership.org/transportationhealthandequity), 2009.* 

"Travel Trade-offs: Drivers' Convenience Faces Competing Objectives," *Property Management Report* (<u>www.canadianpropertymanagement.ca</u>), July/August 2009, pp. 10-11.

"Mobility as a Positional Good: Implications for Transport Policy and Planning," *Car Troubles: Critical Studies of Automobility and Auto-Mobility* (Jim Conley and Arlene Tigar McLaren eds), Ashgate (<u>www.ashgate.com</u>), 2009; Introduction at <u>www.ashgate.com/pdf/SamplePages/Car\_Troubles\_Intro.pdf</u>.

"Creating Safe and Healthy Communities," *Environments: A Journal of Interdisciplinary Studies; Special Issue: Planning for Health Through the Built Environment* (www.fes.uwaterloo.ca/research/environments/index.html), Vol. 35, No. 3, 2009, pp. 21-43.

"Transportation Cost and Benefit Analysis – Air Pollution Costs," *Vehicular Pollution and Health: A Way Forward for Mitigation*, ICFAI Books (www.books.iupindia.org), 2009.

"Win-Win Emission Reduction Strategies," *Economics, Management, and Financial Markets;* Official Journal Of The Contemporary Science Association, Vol. 4, No. 1, pp. 113-132, 2009.

*Biofuels* – *At What Cost? Government Support For Ethanol And Biodiesel In Canada*, with Tara Laan and Ronald Steenblik, Global Subsidies Initiative (www.globalsubsidies.org) International Institute for Sustainable Development (www.iisd.org), 2009; at www.iisd.org/pdf/2009/biofuels\_subsidies\_canada.pdf.

*Training Document On Transportation Demand Management*, with Andrea Broaddus and Gopinath Menon, Sustainable Urban Transport Project (<u>www.sutp.org</u>) and GTZ (<u>www.gtz.de</u>), 2009.

*Managing Transport Challenges When Oil Prices Rise*, McCormick Rankin Cagney for the New Zealand Transport Agency (<u>www.ltsa.govt.nz</u>); at <u>www.ltsa.govt.nz/research/reports/357.pdf</u>.

*National Study on Carless and Special Needs Evacuation Planning: A Literature Review*, with John L. Renne and Thomas W. Sanchez, for the Federal Transit Administration; at <a href="http://www.planning.uno.edu/docs/CarlessEvacuationPlanning.pdf">www.planning.uno.edu/docs/CarlessEvacuationPlanning.pdf</a>, 2009.

"Parking Management Best Practices," *ITE Journal on the Web*, Vol. 78, No. 9, 2009; at www.vtpi.org/PMBP\_ITE\_SEPT2008.pdf.

"Evaluating Accessibility for Transportation Planning," *How To Define and Measure Access and Need Satisfaction in Transport: Papers from the ESF-Exploratory Workshop Dresden, 27-28 September 2007*, Heft 7 der Schriftreihe des Dresdner Instituts für Verkehr und Umwelt e.V. (www.divu.de).

"Valuing Transit Service Quality Improvements," *Journal of Public Transportation*, Vol. 11, No. 2, Spring 2008, pp. 43-64; at <u>www.nctr.usf.edu/jpt/pdf/JPT11-2Litman.pdf</u>.

Macrolevel Collision Prediction Models to Evaluate Road Safety Effects of Mobility Management Strategies: New Empirical Tools to Promote Sustainable Development, Transportation Research Board 87th Annual Meeting (www.trb.org), 2008, with Dr. Gordon Lovegrove.

"Developing Indicators For Comprehensive And Sustainable Transport Planning," *Transportation Research Record 2017*, Transportation Research Board (<u>www.trb.org</u>), 2007, pp. 10-15; at <u>www.vtpi.org/sus\_tran\_ind.pdf</u>.

"Evacuation Station: The Use of Public Transportation in Emergency Management Planning," *ITE Journal on the Web*, (<u>www.ite.org</u>), January 2008, pp. 69-73; at <u>www.vtpi.org/evacuation.pdf</u>, with Michael Schwartz.

"The Canadian Perspective On Transport Planning," *Community Transportation*, Community Transportation Association of America (<u>www.ctaa.org</u>), Vol. 25, No 4, Summer 2007, pp. 23-25.

"Transportation Market Distortions," *Berkeley Planning Journal*; issue theme *Sustainable Transport in the United States: From Rhetoric to Reality?* (<u>www-dcrp.ced.berkeley.edu/bpj</u>), Volume 19, 2006, pp. 19-36; at <u>www.vtpi.org/distortions\_BPJ.pdf</u>.

"Parking Management," Parts 1 and 2, *The Parker* (<u>www.canadianparking.ca</u>), First Quarter 2007, pp. 8-12, and Second Quarter 2007 pp 8-13.

"Evaluating Rail Transit Benefits: A Comment," *Transport Policy*, Vol. 14, No. 1 (www.elsevier.com/locate/tranpol), January 2007, pp. 94-97.

"Urban Transportation Management," *Handbook on Urban Sustainability*, Nolberto Munier Editor, Springer (<u>www.springer.com</u>), 2006.

"Integrated University Access Management Programs," *The Parking Professional*, International Parking Institute (<u>www.parking.org</u>), with Denis Burns. Also published in *Parking Management – Planning, Design and Operations* (Volume 3 in the Parking 101 Series, 2009), International Parking Institute (<u>www.new.parking.org/products/parking-management-pdo</u>).

"Innovative Solutions to Parking Problems," *Civil Engineering* (<u>www.civils.org.za</u>), Vol. 14, No. 9, Sept. 2006, pp. 17-19.

"Pegging the Optimal Parking Supply: Conventional Planning Theory Overstates Requirements," *Canadian Property Management*, Vol. 21, No. 7, Nov. 2006, pp. 47-49.

"Changing Travel Demand: Implications for Transport Planning," *ITE Journal*, Vol. 76, No. 9, (<u>www.ite.org</u>), September 2006, pp. 27-33.

"Parking Management Best Practices," *Planning*, Vol. 72, No. 9 (<u>www.planning.org</u>), October 2006, pp. 40-45.

A Report On The Estimation Of Unit Values Of Land Occupied By Transportation Infrastructures In Canada, Transport Canada (<u>http://www.tc.gc.ca/pol/en/aca/fci/transmodal/menu.htm</u>), 2006, with Clarence Woudsma and Glen Weisbrod.

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- Affordable-Accessible Housing In A Dynamic City: Why and How To Support Development of More Affordable Housing In Accessible Locations
- Appropriate Response To Rising Fuel Prices
- Are Vehicle Travel Reduction Targets Justified? Evaluating Mobility Management Policy Objectives Such As Targets To Reduce VMT And Increase Use Of Alternative Modes
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- Congestion Costing Critique: Critical Evaluation of the 'Urban Mobility Report'
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- Evaluating Criticism of Smart Growth
- Evaluating Criticism of Transportation Costing
- Evaluating Complete Streets: The Value of Designing Roads For Diverse Modes, Users and Activities

- Evaluating Public Transit Benefits and Costs
- Evaluating Public Transit As An Energy Conservation and Emission Reduction Strategy
- Evaluating Rail Transit Criticism
- Evaluating Transit Accessibility: 'Inclusive Design' Performance Indicators For Public Transportation In Developing Countries (with Tom Rickert)
- Evaluating Transportation Equity
- First Resort; Resort Community Transportation Demand Management
- Generated Traffic; Implications for Transport Planning
- Guide to Calculating Mobility Management Benefits
- Introduction to Multi-Modal Transport Planning
- Issues in Sustainable Transportation (with David Burwell)
- Land Use Impact Costs of Transportation
- Land Use Impacts On Transport: How Land Use Factors Affect Travel Behavior
- Lessons From Katrina and Rita: What Major Disasters Can Teach Transportation Planners
- Measuring Transportation: Traffic, Mobility and Accessibility
- Managing Personal Mobility Devices On Nonmotorized Facilities (with Robin Blair)
- Mobility As A Positional Good: Implications for Transport Policy and Planning
- Online TDM Encyclopedia
- Parking Management: Strategies, Evaluation and Planning
- Parking Requirement Impacts on Housing Affordability
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- Recommendations for Improving LEED Transportation and Parking Credits
- *Reinventing Transportation; Exploring the Paradigm Shift Needed to Resolve Conflicts Between Transportation and Sustainability Goals*
- Rethinking Malahat Solutions: Or, Why Spend A Billion Dollars If A Five-Million Dollar Solution Is Better Overall?
- Safe Travels: Evaluating Mobility Management Traffic Safety Impacts (with Steven Fitzroy)
- Short and Sweet: Analysis of Shorter Trips Using National Personal Travel Survey Data
- Smart Transportation Emission Reduction Strategies
- Smart Congestion Relief: Comprehensive Evaluation Of Traffic Congestion Costs and Congestion Reduction Strategies

- Socially Optimal Transport Prices and Markets
- Sustainability and Livability: Summary of Definitions, Goals, Objectives and Performance Indicators Sustainable Transportation Indicators
- Terrorism, Transit and Public Safety: Evaluating The Risks
- The Costs of Automobile Dependency
- The Value of Downtown
- Traffic Calming Benefits, Costs, and Equity Impacts
- Transportation Cost and Benefit Analysis; Techniques, Estimates and Implications
- Understanding Smart Growth Savings: What We Know About Public Infrastructure and Service Cost Savings, And How They are Misrepresented By Critics
- Valuing Transit Service Quality Improvements: Considering Comfort and Convenience In Transport Project Evaluation
- What's It Worth? Life Cycle and Benefit/Cost Analysis for Evaluating Economic Value
- Where We Want To Be: Home Location Preferences And Their Implications For Smart Growth
- Well Measured: Developing Indicators for Comprehensive and Sustainable Transport Planning
- Whose Roads? Defining Bicyclists and Pedestrian's Right to Use Public Roadways
- Win-Win Transportation Emission Reduction Strategies: Smart Transportation Strategies Can Reduce Pollution Emissions And Provide Other Important Economic, Social and Environmental Benefits
- Win-Win Transportation Solutions: Mobility Management Strategies That Provide Economic, Social and Environmental Benefits

# **Presentations**

Mr. Litman frequently presents at conferences, professional development workshops and public education events. Here is a list of 2013 presentations.

*Critical Analysis of Conventional Transport Economic Evaluation*, Connecticut Academy Economic Value Study, 24 January 2013; at <u>www.ctcase.org/reports/CONNDOT\_econ/CONNDOT\_econ.pdf</u>.

The New Transport Planning Paradigm, Camosun College, 8 February 2013.

Healthy and Affordable Community Planning, Evansville, Indiana, 21 February 2013.

*Overview of Transportation Health Impacts and Evaluation Methods*, Public Health Informatics, Nova Southeastern University, 4 March 2013.

*What is Fair? Evaluating Equity in Transportation Planning*, Keynote Presentation, Transportation Bonanza 4, Lansing, Michigan, 21 March 2013.

*Evaluating Complete Streets: The Value of Designing Roads For Diverse Modes, Users and Activities*, Transportation Bonanza 4, Lansing, Michigan, 21 March 2013.

Innovative Transportation and Parking Strategies: Creating Healthier and More Sustainable Communities, Sherwood Park, Strathcona County, Alberta, 2 April 2013.

*Economic Benefits of Walkable and Bikeable Communities*, APBP Webinar, Association of Pedestrian and Bicycle Professionals, 17 April 2013.

*Improving Transportation Diversity for Healthier and More Sustainable Communities*, Brave New World, Christchurch, New Zealand, 13 May 2013.

A Business Case for Healthier and More Affordable Transport Planning Communities, Breakfast of Champions, Christchurch, New Zealand, 13 May 2013.

*Valuing Active Transport: Why and How to Improve Walking and Cycling*, Active Transportation Symposium, Christchurch, New Zealand, 13 May 2013.

*Economic Benefits of Walkable and Bikable Communities*, OERC Public Lecture, Dunedin, New Zealand, 14 May 2013.

Moving Forward: How and Why To Make Transportation System That Better Serve Teenagers, Adolescent Health Symposium, Dunedin, New Zealand, 15 May 2013.

*Freedom From Automobile Dependency: How Youths Benefit From Living In a Multi-Modal Community*, Keynote Address, "Moving Forward: Decreasing Car Use Among Teenagers" AMHC Symposium Dunedin, New Zealand, 15 May 2013 (https://blogs.otago.ac.nz/amc/symposium2013).

An International Perspective Of Alternative Funding Options, Auckland Conversation, Auckland, New Zealand, 16 May 2013.

*Getting Parking Right for Auckland*, Auckland Conversation, Auckland, New Zealand 16 May 2013.

*Evaluating Transportation Affordability and Equity*, Auckland Conversation, Auckland, New Zealand, 17 May 2013.

*Economic Benefits of Walkable and Bikable Communities*, Complete Streets Valuation Wellington, New Zealand, 20 May 2013.

Evaluating Transport and Land Use Interactions, Wellington, New Zealand, 20 May 2013.

Comprehensive and Multi-Modal Transport Planning, Kāpiti Coast, New Zealand, 21 May 2013.

*Comprehensive and Multi-Modal Urban Transport Planning*, Wellington, New Zealand, 22 May 2013.

*Efficient and Sustainable Community Planning*, University of Auckland, Wellington, New Zealand, 23 May 2013.

*Improving Walking and Biking for Healthier and More Livable Communities*, Maximizing The Return, Hawke's Bay, New Zealand, 24 May 2013.

Comprehensive Transport Planning, Community Planning Workshop, Istanbul, 28 May 2013.

*Efficient Parking Management in Istanbul, Comprehensive and Multi-Modal Transport Planning* and *Healthy, Sustainable and Inclusive Transport Planning*, Intertraffic World, Istanbul, Turkey, 29 May 2013.

*Clean Transportation: What Will It Take?*, Hawai'i Clean Energy Day, Honolulu, Hawai'i, 12 July 2013 (<u>http://tinyurl.com/oapcg8t</u>).

Urban Transportation For People, Not Just Vehicles, Turkey Transport Forum Istanbul, 6 Sept. 2013.

Advocating For Transit: Stating Your Best Case, Oregon Public Transit Conference Bend, Oregon, 7 October 2013.

*Healthy and Happy Community Planning*, Plan Capital 2030 Design Update, Abu Dhabi, UAE, 18 September 2013.

*Complete Streets Planning: Designing Roadways for All Activities*, Abilities, and Modes, Safe Streets and Active Transportation in Our Neighborhoods, Victoria, BC, 29 October 2013.

Building Healthy Communities, Sierra Club Webinar, 4 November 2013.

Smart Growth Safety and Security Benefits, Smart Growth America, Washington DC, 14 Nov. 2013.

*Sustainable Community Development*, Architecture & New Urbanism, Tecnológico de Monterrey, Querétaro, Mexico, 15 November 2013.

*The Future Is In Our Hands, Creating A Vision for Transit*, Washoe RTC, Reno, Nevada, 6 December 2013 (<u>http://tinyurl.com/mgrc636</u>).