



## Todd Litman

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Updated 3 November 2009  
[www.vtpi.org/documents/resume.pdf](http://www.vtpi.org/documents/resume.pdf)

### 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 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 [Planetizen](http://Planetizen.com) website. He is active in several professional organizations including the Institute of Transportation Engineers and the Transportation Research Board (TRB, a section of U.S. National Academy of Sciences). He currently chairs the TRB Sustainable Transportation Indicators Subcommittee.

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 with their two children 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.

### **Public Transit Benefits Evaluation**

Performing analysis of the full benefits of public transportation, including public health and economic development. Analyzing the degree to which current planning accounts for full benefits. (Client: American Public Transportation Association. Project Manager: Robert Padgett. Time Period: December 2008-November 2009.)

### **Transportation and Public Health Study**

Performing 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](http://www.convergencepartnership.org)]. Project Manager: Professor Stephanie Pollack, Northwestern University. Time Period: Oct. 2008-November 2009.)

### **Campus Transportation and Parking Management Study**

Helped develop a transportation and parking management plan for both Camosun College campuses. This includes consulting with stakeholders, identifying transportation problems and potential solutions, and developing specific recommendations for an integrated plan. (Client: Camosun College. Project Manager: Kathryn DeGros. Time Period: August-December 2008.)

### **Public Bike Study**

Helped evaluate the feasibility, costs, benefits and implementation requirements of developing a public bicycle rental system in the Vancouver region. (Client: TransLink. Project Manager: Jan Pezarro, Quay Communications. Time Period: January-May 2008.)

### **Transportation Energy Plan**

Identified national, regional and local strategic policies for managing transportation challenges associated with rising oil prices. Developed estimates of future transport energy demands, projected fuel prices and optimal policies to address uncertain and possibly variable and rising fuel prices. Coauthored the report, *Managing Transport Challenges When Oil Prices Rise* ([www.ltsa.govt.nz/research/reports/357.pdf](http://www.ltsa.govt.nz/research/reports/357.pdf)). (Client: New Zealand Transport Agency. Project Manager: McCormick Rankin Cagney. Time Period: May-August 2008.)

### **Connected Urban Development**

Serves as a special advisor on transportation and land use planning for the *Connected Urban Development* program ([www.connectedurbandevelopment.org](http://www.connectedurbandevelopment.org)), which uses advanced technologies to improve mobility options in major cities, including personal handheld navigation devices, electronic public transit information and payment systems, and road pricing. (Client: Cisco Systems and the Clinton Foundation. Project Manager: Nicola Villa. Time Period: August 2007- ongoing.)

**Municipal Parking Policy Review**

Reviewed current municipal parking policies, practices and challenges. Present workshops to city officials and community stakeholders concerning parking policy options. Identify potential parking policy reforms to support the city's transportation and land use planning objectives. (Client: City of Coquitlam. Project Manager: Carlos M. Pérez. Time Period: August 2007- February 2008.)

**Transit Improvement Valuation Study**

Investigated public transit service improvement valuation. Analyzed the value transit passengers place on factors such as comfort, convenience and reliability; identified ways to quantify these factors by adjusting travel time unit costs; identified how such improvements affect travel behaviour. (Client: TransLink. Project Manager: Don Buchanan. Time Period: January-February 2007.)

**Regional Energy Plan**

Helped develop a regional energy plan. Identified and evaluated potential transportation energy conservation and emission reduction strategies suitable for implementation by local and regional governments. (Client: Capital Regional District [[www.crd.bc.ca](http://www.crd.bc.ca)]. Project Manager: Sheltair Scientific. Time Period: May-December 2006.)

**National Study on Car-Less and Special Needs Evacuation Planning**

Coauthoring a study and best practices guide on the evacuation of car-less and special needs people during major disasters. Includes research of previous disaster evacuations, stakeholder surveys and analysis of best practices. (Client: Federal Transit Administration. Project Manager: Professor John Renne. Time Period: January 2006-January 2010.)

**Downtown Parking Management Evaluation**

Helped develop and evaluate parking mitigation strategies for the Alaskan Way Viaduct and Seawall Replacement (AWVSR) project, which will reduce parking supply in downtown Seattle, Washington during a three year construction period. (Client: Seattle Department of Transportation. Project Manager: Mary Catherine Snyder. Time Period: July-September 2006.)

**Improving Provincial Transit Pass Program**

Evaluated provincial program that provides subsidized transit passes to lower-income seniors and people with disabilities. Reviewed the programs goals and objectives, investigated opportunities to improve service delivery, helped develop long-term strategic objectives, and provided specific program improvement recommendations. (Client: British Columbia Ministry of Employment and Income Assistance. Project Manager: Jeanette Gault. Time Period: August-December 2006.)

**Biofuels Subsidy Study**

Performed study of economic subsidies in the production and consumption of ethanol and biodiesel in Canada, as part of an international comparison of biofuel subsidies. Coauthored the report, *Biofuels: At What Cost? Government Support For Ethanol And Biodiesel In Canada* (Client: International Institute for Sustainable Development [[www.iisd.org](http://www.iisd.org)]. Project Manager: Ron Steenblik. Time Period: March, 2006 – April 2009.)

**Transportation Cost Study**

Coauthored a comprehensive study assessing the sustainability of Nova Scotia's transportation system using various indicators and cost categories. Provided recommendations for improving transport efficiency, affordability and sustainability. Published as *The GPI Transportation Accounts: Sustainable Transportation for Nova Scotia - Measuring Sustainable Development, Application Of The Genuine Progress Index To Nova Scotia*. (Client: GPI Atlantic, [www.gpiatlantic.org](http://www.gpiatlantic.org). Project Manager: Ronald Colman. Time Period: January-December 2006.)

**Transportation Facility Land Valuation Study**

Helped develop transportation facility land valuation methods for various modes and locations. Published as *A Report On The Estimation Of Unit Values Of Land Occupied By Transportation Infrastructures In Canada* ([www.tc.gc.ca/pol/en/aca/fci/transmodal/menu.htm](http://www.tc.gc.ca/pol/en/aca/fci/transmodal/menu.htm)) (Client: Transport Canada. Project Manager: Professor Clarence Woudsma. Time Period: Nov. 2005-June 2006.)

**City Mobility Management Program Best Practices Review**

Helped develop mobility management policies and programs that encourage more efficient transportation and reduce per capita vehicle travel, in order to reduce local and regional transportation problems. (Client: City of Fort Collins, Colorado. With the Brendle Group. Time Period: January-May 2006.)

**Helped Develop Vehicle Operating Cost Estimates**

Contributed information on vehicle depreciation, insurance and parking costs for the report, *Estimation of Costs of Cars and Light Truck Use per Vehicle-Kilometre in Canada*. (Client: Transport Canada. With Ray Barton Associates Ltd. Time Period: Nov. 2005-March 2006.)

**Planning for Active Transportation and Health - Healthy Rural Roads Project**

Investigated transportation and land use policies and programs to support public health objectives in Humboldt County, California. This project included research to identify strategies for reducing traffic crash risk and increasing physical activity in semi-rural communities. Presented results at workshops for the general public and public officials. (Client: Redwood Community Action Agency [[www.rcaa.org](http://www.rcaa.org)]. With Nelson Nygaard Consulting. Time Period: Oct.-Dec. 2005.)

**Healthy Community Planning Best Practices: Population Health and Urban Form**

Investigated how urban form affects community health, including physical activity and fitness, crash risk, pollution exposure, community cohesion, and mental health, and how to create healthier communities. Produced, *Promoting Public Health Through Smart Growth* ([www.vtpi.org/sgbc\\_health.pdf](http://www.vtpi.org/sgbc_health.pdf)). (Client: Smart Growth BC [[www.smartgrowth.bc.ca](http://www.smartgrowth.bc.ca)]. Time Period: June-Sept. 2005.)

**Induced Travel Impacts Study**

Performed analysis of the effects of increasing highway capacity into the city of Montreal, Quebec on vehicle traffic volumes, and the resulting impacts on traffic congestion, pollution emissions and other costs. (Client: Direction de santé publique de Montréal. Time Period: May, 2005.)

**Rail Transit Benefits Study**

Performed a comprehensive evaluation rail transit impacts on transportation system performance in U.S. cities. Produced the report *Rail Transit in America: Comprehensive Evaluation of Benefits*, and presented results at the Transportation Research Board annual meeting, January 2005. (Funding: American Public Transportation Association. Time Period: Sept.-Dec. 2004.)

**Evaluated Transit Investment Criticism**

Evaluated the paper "Light Rail: Boon or Boondoggle" by Molly D. Castelazo and Thomas A. Garrett, which argues rail transit is economically inefficient and more costly than alternative transportation improvement investments. Prepared a detailed report that identifies various errors and omissions in Castelazo and Garrett's paper ([www.cmt-stl.org/images/litman.pdf](http://www.cmt-stl.org/images/litman.pdf)). (Client: Citizens for Modern Transit [[www.cmt-stl.org](http://www.cmt-stl.org)]. Time period: July-August 2004).

**Congestion Management Best Practices**

Provided technical support for the Washington DC Downtown Congestion Management Task Force. Included research to identify congestion management strategies suitable for a large city central business district. (Project manager: Volpe Transportation Center [[www.volpe.dot.gov](http://www.volpe.dot.gov)], for the City of Washington DC [[www.dc.gov](http://www.dc.gov)]. Time Period: April – Oct. 2004).

**Public Transit Economic Evaluation**

Produced a report identifying the net benefits of potential public transit improvements in Colorado Springs. Created a comprehensive framework for evaluating public transit improvements. Identified examples of successful transit projects in similar cities, identified ways to maximize transit benefits, and responded to common criticisms of public transit investments. (Client: City of Colorado Springs [[www.springsgov.com](http://www.springsgov.com)]. Time period: January – March 2004).

**Resort Community Transportation Management Plan**

Provided guidance on incorporating transportation demand management strategies into the Whistler area transportation plan. Identified potential TDM strategies, predicted their impacts on travel volumes and traffic congestion, and developed a framework for evaluating their full benefits and costs. (Prime contractor: Delcan [[www.Delcan.com](http://www.Delcan.com)], for Resort Municipality of Whistler [[www.whistler.ca](http://www.whistler.ca)]. Time Period: September 2003 – February 2004).

**Parking Tax Policy Evaluation**

Helped evaluate the feasibility and impacts of various parking tax options for funding transportation in the Greater Vancouver region. Included research on various parking taxes, and analysis of their impacts on consumers, businesses, parking supply, parking price, travel patterns and land use. (Prime contractor: InterVISTAS [[www.intervistas.com](http://www.intervistas.com)], for TransLink [[www.translink.bc.ca](http://www.translink.bc.ca)] regional transportation authority. Time Period: November 2003).

**Greenhouse Gas Emission Reduction Plan**

Provided guidance on transportation emission reduction strategies for the city of Vancouver's greenhouse gas emission reduction plan. Identified a variety of potential emission reduction strategies, predicted their potential emission reductions, and developed a framework for evaluating their full benefits and costs. (Prime contractor: Sheltair Scientific [[www.sheltair.com](http://www.sheltair.com)], for City of Vancouver [[www.vancouver.ca](http://www.vancouver.ca)]. Time Period: September-December 2003).

**Kingston, Jamaica Area Sustainable Transportation And Land Use Plan**

Helped develop a sustainable transportation and land use strategic plan for the Kingston, Jamaica region. Included performing an extensive literature review of developing country sustainable transportation and land use strategies, reviewing current travel and land use conditions and policies in the Kingston region, consulting with stakeholders, and providing specific policy and planning recommendations. (ENACT Project Sustainable Development Plan, National Environment and Planning Agency [[www.nepa.gov.jm](http://www.nepa.gov.jm)] and Canadian International Development Agency [[www.acdi-cida.gc.ca](http://www.acdi-cida.gc.ca)]. Time Period: July-August 2003).

**Transit Station Parking Strategy**

Developed parking policies and planning practices for implementation at new rail transit stations in Southern California. This included developing an evaluation process to prioritize parking improvements, creating a menu of potential parking management strategies, and helping to establish a planning process to determine which strategies are suitable for implementation at each site. (Project Manager: Robin Blair. Client: Los Angeles Metropolitan Transportation Authority [[www.metro.net](http://www.metro.net)]. Time Period: January-July 2003).

### **Federal Policies to Support Active Transportation**

Produced a background paper that identifies ways to incorporate public health objectives into transport planning, and recommends specific federal policies to encourage more physically active transportation, to provide information for a workshop on Active Transportation involving high-level federal government officials ([www.vtppi.org/act\\_tran.pdf](http://www.vtppi.org/act_tran.pdf)). (Project Manager: Francine Godin. Client: Go For Green [[www.goforgreen.ca](http://www.goforgreen.ca)]. Time Period: February-April 2003).

### **Transportation and Social Exclusion Research**

Wrote and presented a paper titled *Social Inclusion As A Transport Planning Issue in Canada* ([www.vtppi.org/soc\\_ex.pdf](http://www.vtppi.org/soc_ex.pdf)), at a seminar at the University of Westminster in London, April 3-4, 2003 as part of a study to evaluate transport-related social exclusion issues in various countries. (Project Manager: Professor Karen Lucas, University of Westminster. Client: Federation Internationale de l'Automobile [[www.fiafoundation.com](http://www.fiafoundation.com)]. Time Period: January – April 2003.)

### **University Transportation Management Program Planning**

Helped to develop a comprehensive transportation demand management plan as part of the strategic development plan for a university campus. Involved working with stakeholders to identify and evaluate potential mobility and parking management strategies. (Project Manager: Boulevard Planning Group. Client: University of Victoria. Time Period: Oct. 2002 – Dec. 2003.)

### **Evaluated Integrated Mobility Systems**

Helped to develop a model to predict the effects that an integrated, “smart card” electronic transit fare system can have on transit ridership and vehicle travel in the Toronto region. Involves developing an analysis framework, and research on the effects that user prices and convenience factors have on transit demand. (Client: Integrated Mobility Systems Consortium, Toronto. Time Period: September-December 2002)

### **Wrote Mobility Management Information Resource**

Wrote “Mobility Management Measures” module ([www.vtppi.org/gtz\\_module.pdf.pdf](http://www.vtppi.org/gtz_module.pdf.pdf)) for the *Sustainable Transport Sourcebook for Developing Countries* ([www.sutp.org](http://www.sutp.org)), a comprehensive transportation planning and management information resource for use in developing country cities. (Client: GTZ [[www.gtz.de](http://www.gtz.de)]. Time Period: April-December 2002).

### **TDM Program Evaluation**

Performed a detailed evaluation of the travel impacts, benefits and costs of the City of Seattle’s “Way To Go” program ([www.cityofseattle.net/waytogo](http://www.cityofseattle.net/waytogo)). Developed an analysis framework for evaluating the full benefits and costs of various mobility management programs. (Project Manager: CH2M Hill. Client: City of Seattle. Time Period: January to April 2002)

### **Transit Elasticity Values Review**

Reviewed and summarized information on transit price, service and cross-elasticities for modeling and planning applications in the Vancouver, BC region. (Client: TransLink. Time Period: March 2002.)

### **Demand Management Emission Reduction Strategy Evaluation**

Identified and evaluated potential transportation demand management strategies for reducing energy consumption and pollution emissions in the Vancouver region. Developed a model that predicts potential energy conservation and emission reduction benefits of each strategy. Discussed additional benefits (congestion reduction, safety, consumer savings, etc.), costs and barriers. (Client: Environment Canada. Time Period: February 2002 to April 2003.)

**Vanpool Program Development Opportunities**

Examined ways to improve and expand vanpooling in the Puget Sound region. This project involved refining estimates of vanpool market potential, identifying strategies to increase vanpool formation and improve vanpool program operations. The project included research on other transportation demand management strategies that support and encourage vanpool use. (Project Manager: 2Plus, Inc. Client: Washington State DOT. Time Period: Dec. 2001 to March 2003.)

**Evaluate Transportation Energy Conservation Options**

Helped identify and evaluate policy and operational programs to improve transportation sector energy efficiency, energy conservation and use of renewables suitable for implementation by the New Zealand Energy Efficiency and Conservation Authority. (Project Manager: Booz-Allen & Hamilton. Client: TransFund New Zealand. Time Period: November 2001 to March 2002.)

**Urban Transportation Showcase Program Proposal**

Developed a multi-million dollar grant proposal for the Victoria region to submit to the Transport Canada Urban Transportation Showcase Program. This proposal included a variety of innovative strategies to encourage more efficient and sustainable transportation, including transit service improvements, new approaches to transit marketing, commute trip reduction programs and nonmotorized improvements. (Client: BC Transit. Time Period: Sept. 2001 to May 2003.)

**Rail Transit System Evaluation**

Comprehensive evaluation of a proposed light rail system in the Victoria region. This project included identifying and quantifying the incremental benefits and costs of the proposed rail system, including impacts on travel patterns, traffic congestion, consumer costs, economic development, land use patterns, road safety and pollution emissions. Produced the *Light Rail Economic Opportunity Study* ([www.islandtransformations.org/pages/05.php](http://www.islandtransformations.org/pages/05.php)). (Client: Island Transformations, [www.islandtransformations.org](http://www.islandtransformations.org)), funded by the Province of British Columbia. Time Period: November 2001 to September 2002)

**Mobility Benefits of Passenger Transport**

Performed a detailed analysis of the mobility benefits of passenger transport. This project involves examining the social benefits of public transit services, identifying methods to quantify these benefits, and developing a framework for evaluating them in transportation planning applications. (Project Manager: Booz-Allen & Hamilton, New Zealand. Client: TransFund New Zealand. Time Period: May to December 2001.)

**Distance-Based Insurance Implementation Study**

Helped to develop program guidelines and promotional materials for variable-priced (distance-based) automobile insurance. This project evaluated benefits and costs of different types of distance-based insurance from the perspective of various stakeholders, identifying barriers and opportunities, developing specific criteria that insurers must meet to be certified under the EPA program, and providing other technical assistance for program implementation. (Project Manager: ICF Consulting. Client: U.S. Environmental Protection Agency. Time Period: May to December 2001.)

**Distance-Based Insurance Feasibility Study**

Produced a comprehensive study of the benefits, costs and feasibility of distance-based vehicle insurance for a provincial insurance agency. This study involves analysis and comparison of the impacts of various distance-based insurance pricing options. Each option is evaluated in terms of various criteria, including actuarial accuracy, implementation costs, equity, consumer impacts, public acceptability, road safety, energy use and emissions, and economic impacts. (Client: Insurance Corporation of British Columbia. Time Period: February to April 2001.)

**Regional Planning Program Review**

Provided technical assistance for evaluating regional transportation and land use planning options to various community organizations in London, Ontario. (Client: 1 River 1 Park, Global Action Plan London, Urban League. Time Period: February to April 2001.)

**Parking Policy Review**

Developed a comprehensive analysis framework for evaluating changes to parking policies and practices in the Vancouver region. (Project Manager: Urban Systems. Client: TransLink. Time Period: October 2000 to January 2001.)

**Parking Management Study**

Worked with a multi-disciplinary team to develop a comprehensive parking management plan for the city of North Vancouver. (Project Manager: GMK 2000. Client: City of North Vancouver. Time Period: September 2000 to May 2001.)

**Developed Online TDM Encyclopedia**

Developed the *Online TDM Encyclopedia*, a comprehensive transportation demand management information resource posted at the VTPI website, [www.vtpi.org](http://www.vtpi.org). This project included research on more than three-dozen TDM strategies (with special attention to their travel impacts, benefits, costs and equity impacts), writing more than 100 chapters totaling more than 1,500 pages of text, and managing an Internet website. (Time Period: January 2000 to ongoing.)

**Developed Interactive Internet Tool for Evaluating TDM Options**

Developed a prototype “Interactive Transportation Demand Management Database and Analyzer,” an Internet-based tool, suitable for use by planning professionals and a general audience, that provides information about various TDM strategies and helps predict TDM program impacts. It included a searchable database with detailed information about individual TDM strategies, and an interactive model to calculate the effects that a particular TDM strategy or project is likely to have on vehicle travel, congestion, emission, road safety, public finance and consumer costs. (Client: Environment Canada. Time Period: March to July 2000.)

**Evaluated Urban Development Costs**

Co-Researcher on the study *Analysis Of The Costs Of Urban Development*. This study examines the costs of alternative development patterns, including variations in economic, social and environmental costs. (Project Manager: Simon Worsey. Client: Department Of Transport, Western Australia. Time Period: September 2000 to January 2001.)

**Evaluated The Status of TDM in the Vancouver Region**

Wrote, *Shifting Gears*, a report that evaluates the status of transportation demand management efforts in the Vancouver, British Columbia region. This involved a detailed evaluation of current and planned TDM activities in the region, identification of opportunities for better coordination among stakeholders, and analysis of potential benefits. (Client: Environment Canada. Time Period: January to May 2000.)

**Social and Economic Impacts Guidebook**

Served as member of a team that developed “A Guidebook for Assessing the Social and Economic Effects of Transportation Projects,” National Cooperative Highway Research Program Report 456 ([http://gulliver.trb.org/publications/nchrp/nchrp\\_rpt\\_456-a.pdf](http://gulliver.trb.org/publications/nchrp/nchrp_rpt_456-a.pdf)). Project Manager: David Forkenbrock, Public Policy Center, University of Iowa. (Client: Transportation Research Board. Time Period: June 1999 to October 2000.)

**Developed Pedestrian and Bicycle Planning Guidebook**

Developed a pedestrian and bicycle planning guidebook for use by local planners titled, *Building Walking and Cycling Communities; A Guide to Current Best Practices for the Development of Local Government Pedestrian and Cycling Plans*, with Anne Fritzel. (Client: Ministry of Municipal Affairs, Victoria. Time Period: January to June 1999.)

**Evaluated Campus Trip Management Program**

Evaluated the economic impacts of the UBC TREK program, a university campus TDM program ([www.vtpi.org/utrek.pdf](http://www.vtpi.org/utrek.pdf)). (Client: UBC TREK program. Time Period: June 1999.)

**Comprehensive Study of Distance-Based Vehicle Insurance Pricing**

Performed a comprehensive study of the feasibility, costs, benefits and equity impacts of implementing mileage-based vehicle insurance in British Columbia. Included analysis of a unique database of vehicle odometer and crash records. Served as project manager with two staff. (Client: Insurance Corporation of British Columbia. Time Period: April 1997 to January 1998.)

**Helped Develop School Trip Management Guidebook**

Provided technical support in developing a guidebook for programs to encourage parents to use alternative modes when taking children to grade schools. (Client: *Way To Go* Program. Time Period: March to April 1998.)

**Identified and Evaluated Potential State Level Transportation Market Reforms**

Identified and evaluated seventeen potential transportation market reforms suitable for implementation in Washington State. Developed a spreadsheet model that identified the consumer costs, travel impacts, emission impacts, and revenue of individual price changes and reform packages. Wrote the report, *Road Relief; Tax and Pricing Shifts for a Fairer, Cleaner, and Less Congested Transportation System in Washington State*. Co-authors: Charles Komanoff and Douglas Howell. (Client: Energy Outreach Center, now Climate Solutions, Olympia, WA, [www.climatesolutions.org](http://www.climatesolutions.org), with funding from USEPA. Time Period: May to October 1998.)

**Evaluated Public Transit Benefits**

Evaluated the benefits of public transit improvements on the Lion's Gate Bridge, Vancouver, BC. (Client: B.C. Transportation Financing Authority. Time Period: May 1998.)

**Framework for Estimating The Full Costs of Motor Vehicle Crashes**

Developed analysis model and guidebook for estimating the total costs motor vehicle crashes and crimes impose on specific geographic communities in British Columbia. (Client: Insurance Corporation of British Columbia. Time Period: May to December 1997.)

**Regional Transportation Authority Negotiation Support**

Provided technical support for development of the Greater Vancouver Transportation Authority. (Client: Provincial negotiators. Time Period: May to July 1997.)

**Evaluated Tax Exempt Transit Benefits**

Evaluated transportation and economic impacts of making Canadian tax law more favorable to transit commuting. (Client: Transit Advocacy Project. Time Period: Sept. 1996 to January 1997.)

**Distance-Based Pricing Evaluation**

Study of the feasibility of marginalizing automobile insurance and other fixed user costs as a transportation demand management strategy. (Clients: BC Transportation Finance Authority and the Greater Vancouver Regional District. February to June 1996.)

**Transportation Costing Analysis Framework**

Developed transportation cost analysis framework for the Washington DC region. Client: Metropolitan Washington Council of Governments. (Project Manager: Kiran Bhatt, K.T. Analytics, Inc. Time Period: January to March 1997.)

**Compared Rail and Bus Transit for Resort Community**

Study comparing the full costs and benefits of rail and bus transit options. (Client: City of Aspen, Colorado. Time Period: July to October 1996.)

**Transit Benefit Analysis**

Comprehensive study of the benefits of transit service in the Victoria region. (Client: BC Transit. Time Period: January to April 1996.)

**Website and Software Development**

Developed Victoria Transport Policy Institute website, *Transportation Cost Analyzer* software and documentation. (Time Period: 1995 to 1996.)

**Comprehensive Cost Study: City of Edmonton**

Comprehensive transportation cost study for the city of Edmonton, Alberta. (Project Manager: KPMG. Client: City of Edmonton Transportation Dept. Time Period: March to June 1996.)

**Comprehensive Cost Study: Santiago**

Comprehensive transportation cost study for the city of Santiago, Chile. Project Manager: Christopher Zegras. (Client: International Institute for Energy Conservation, Washington DC. Time Period: October 1996 to March 1997.)

**Least Cost Planning Review**

Reviewed *Least-Cost Planning for Transportation*. (Client: Puget Sound Council of Governments, funded by the U.S. Federal Highway Administration. Time Period: 1995.)

**Transportation Research Analyst**

Consultant to the *British Columbia Ministry of Transportation and Highways* (Victoria), June 1993 to March 1995.

Performed economic and policy research on transportation's environmental and social costs. Developed specific cost estimates for incorporation into the Ministry's economic analysis models. Coordinated special research projects, including a MoTH sponsored conference on Transportation Demand Management and land use issues. Advised on planning and policy issues, including the improvement of MoTH's decision-making framework, evaluation of transportation demand management and land use impacts of transportation decisions, and how MoTH should address provincial environmental goals.

**Energy Specialist**

*Washington State Energy Office* (Olympia), June 1989 to May 1993.

Coordinated, managed and supported industrial energy conservation programs, project planning and budgeting; contract development and management; MotorMaster software development and marketing, research and analysis; database and spreadsheet development; computer bulletin board management, and grant program management.

**Water Resources Program Research Assistant**

*Washington Department of Ecology* (Olympia), October 1988 to February 1989.

Produced reports on observation wells and related ground water research.

**Lobbyist and Program Coordinator**

*Bicycle Federation of Washington*, 1984 to 1989.

Managed legislative program, performed research, produced newsletter and educational material, coordinated membership promotion, and general organizational development.

**Bicycle Shop Manager**

*Capital Schwinn* (Olympia), October 1983 to June 1988.

## 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, 2008-09, School of Community and Regional Planning (SCARP), University of British Columbia ([www.scarp.ubc.ca/faculty%20profiles/litman.htm](http://www.scarp.ubc.ca/faculty%20profiles/litman.htm)).

*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 ([www.apeg.bc.ca](http://www.apeg.bc.ca)), 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

*World Congress for Transportation Research* ([www.wctrs.org](http://www.wctrs.org)), 2004-present.

*Transportation Research Board*, National Academy of Sciences ([www.trb.org](http://www.trb.org)). Appointed to:

- Transportation Economics Committee (ABE 20)
- Committee on Transportation and Sustainability (ADD40)
- Chair of Sustainable Transportation Indicators Subcommittee (ADD40[1])

*Institute of Transportation Engineers* ([www.ite.org](http://www.ite.org)), 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* ([www.cstctd.org](http://www.cstctd.org)), Board Member, 2000-2005.

## Awards

Awarded rank of *Transportation Uber-Geek* (<http://gristmill.grist.org/story/2007/5/8/92324/58363>) in 2007 and *Sustainable Transportation Geek Overlord* in 2008 ([http://daily.sightline.org/daily\\_score/archive/2008/11/06/dont-like-reality-ignore-it](http://daily.sightline.org/daily_score/archive/2008/11/06/dont-like-reality-ignore-it)).

Received the TRB Pedestrian Committee’s 2003 Outstanding Paper Award for *The Economic Value of Walkability*, at the Transportation Research Board 82nd Annual Meeting ([www.trb.org](http://www.trb.org)).

David C. Lincoln Fellowship in Land Value Taxation, Lincoln Institute for Land Policy ([www.lincolninst.edu](http://www.lincolninst.edu)). Award to research “Transportation Land Valuation and Taxation,” 2000.

Received both the *Cost Analysis Research* and *Outstanding Research* awards at the Transportation Research Forum 38th Annual Meeting, San Antonio, Texas, October 1996.

## Publications

### Journal Articles, Conference Papers, Published Reports and Books

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

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“Parking Management Best Practices,” American Planning Association Workshop, 5 Nov. 2006.

“Economic Value of Walking; Keynote Address,” *Walk 21*, Christchurch, New Zealand, 3 Nov. 2006.

“Quality Transit: Evaluating The Benefits; Keynote Address,” *City and County of Honolulu Transit Symposium*, Honolulu, Hawaii, 5 October 2005.

“Mobility As A Prestige Good: Implications for Transport Policy and Planning,” *AutoConsequences: Automobiliation and its Social Implications*, Traffic Safety Project, Simon Fraser University, Vancouver, Canada, ([www.sfu.ca/traffic-safety/events.html](http://www.sfu.ca/traffic-safety/events.html)), 6 October 2006.

“Mobility Management: Innovative Management Strategies To Transport Problems,” *First International Conference on Citizens and Mobility Management* ([www.congresomovilidad.com/eng/welcome.htm](http://www.congresomovilidad.com/eng/welcome.htm)), September 25-27, Madrid, Spain.

“Parking Management Best Practices” and “Using Parking Strategies to Manage Traffic in Transit Oriented Development,” *ITE Annual Meeting* ([www.ite.org](http://www.ite.org)), Milwaukee, August 2006.

“How to Evaluate Travel Demand Programs Taking Into Account Their Multiple Benefits,” plenary address, *Southern Africa Transport Conference*, Pretoria, South Africa, 11 July 2006.

“Dialogue Panel – Energy: Location Action, Global Impact,” *World Urban Forum III* ([www.unhabitat.org/wuf](http://www.unhabitat.org/wuf)), Vancouver, Canada, 22 June 2006.

“Cities Connect: How Urbanity Helps Achieve Social Inclusion Objectives,” presented at the *Metropolis Conference* ([www.metropolis.org](http://www.metropolis.org)), 15 June 2006, Toronto, Canada; at [www.vtpi.org/citiesconnect.pdf](http://www.vtpi.org/citiesconnect.pdf).

“Innovative Transit Solutions,” *Bringing Transit Home: Dalhousie School of Planning Annual Conference*, Halifax, Nova Scotia, 9-10 February 2006.

“Pricing as a Tool for Demand Management,” “The Future Isn't What It Used to Be,” “Mobility Management Traffic Safety Impacts,” and “Learning from Katrina and Rita: What Worked, What Didn't?,” *Transportation Research Board 85<sup>th</sup> Annual Meeting* ([www.trb.org](http://www.trb.org)), Washington DC, February 2006.

“Strategies for Healthy Transport,” *Healthy Rural Roads Project*, Eureka, California, 8 December 2005.

“Technology and Future Trail Use,” Plenary Speech, Trails and Pathways National Symposium, Alberta Recreation and Parks Association ([www.arpaonline.ca](http://www.arpaonline.ca)) Edmonton, Alberta, 14 October 2005.

“Reinventing Transportation,” Kentucky Transportation Center 2005 Conference ([www.ktc.uky.edu](http://www.ktc.uky.edu)), 13 October 2005.

Pay-As-You-Drive Vehicle Insurance implementation workshop, sponsored by the Institute for Traffic and Transport, Logistics and Spatial Development, TNO Inro ([www.inro.tno.nl](http://www.inro.tno.nl)) and the League of Insurance Companies, Delft, The Netherlands, February 17, 2005.

“Practical Indicators of Sustainable Transport Planning,” and “Mobility Management as a Traffic Safety Strategy,” Trivector Workshop, Stockholm, Sweden, February 16, 2005.

“The Future Isn't What It Used To Be,” and “Comprehensive Evaluation of Transportation Impacts,” Norwegian Institute of Transport Economics ([www.toi.no](http://www.toi.no)), Oslo, February 14, 2005.

“Win-Win Transportation Solutions,” *IMPACT Seminar*, held in Klinta, Sweden, sponsored by Lund University (Sweden) and the University of Leeds (UK), February 10-11, 2005.

“Keynote Speech,” *Transportation And Community Building*, Community Challenges, sponsored by Orange County, Florida, January 28, 2005.

“Comprehensive Evaluation of Rail Transit Benefits,” *Building Livable Communities With Transit: Rail~volution* ([www.railvolution.com](http://www.railvolution.com)), Los Angeles, 21 September 2004.

“Parking Management Best Practices” presented at the *Parking Summit*, sponsored by Uptown Partnership ([www.uptownpartnership.org](http://www.uptownpartnership.org)), San Diego, California, 18 September 2004.

“Healthy Community Planning: Integrating Public Health Objectives in Transportation and Land Use Planning,” presented at the 29<sup>th</sup> Annual *National Wellness Conference*, sponsored by the National Wellness Institute at the University of Wisconsin at Stevens Point ([www.nationalwellness.org](http://www.nationalwellness.org)), 12 July 2004.

“Win-Win Transportation Solutions,” presented at *Shifting Gears: Sustainable Mobility for Western Communities*, Sponsored by Climate Change Central ([www.climatechangecentral.com](http://www.climatechangecentral.com)) of Environment Canada, Edmonton, Alberta, 16 June 2004.

“Pay-As-You-Drive Pricing: Innovative Strategy Proposed to Increase Insurance Affordability and Reduce Uninsured Driving,” presented at the *Casualty Actuarial Society Spring Meeting* ([www.casact.org](http://www.casact.org)), 17 May 2004.

“Congestion Management Best Practices,” Washington DC Downtown Congestion Management Task Force, Washington DC, 6 May 2004.

“London Congestion Pricing: Implications for Other Cities,” *Transportation Research Board Annual Meeting* ([www.trb.org](http://www.trb.org)), 13 January 2004.

“Emerging Research Issues in Nonmotorized Transport,” *Transportation Research Board Annual Meeting* ([www.trb.org](http://www.trb.org)), 14 January 2004.

“Managing Personal Mobility Devices (PMDs) On Nonmotorized Facilities,” *Transportation Research Board Annual Meeting* ([www.trb.org](http://www.trb.org)), 14 January 2004.

“Vehicle Use Pricing: Reforms For Efficiency,” *Transportation Research Board Value Pricing Workshop* ([www.trb.org](http://www.trb.org)), 11 January 2004.

“TDM and Planning: Best Practices,” Travel Smart Program, Melbourne, Australia, 24 November 2003.

“Valuing Non-Motorized Transport,” presented at the Connecting Cycling Conference, 20 November 2003, Canberra, Australia ([www.bfa.asn.au/conference/index.htm](http://www.bfa.asn.au/conference/index.htm)).

“Sustainable Mobility: Reducing Car Use through TDM and Least-Cost Planning,” presented at the *Institute for Sustainable Futures*, Sydney, Australia, 19 November 2003

“TOD Parking Management: Balance Between Transit and TOD Parking,” *Rail~volution* ([www.railvolution.com](http://www.railvolution.com)), Atlanta, Georgia, 13 September 2003.

“Transit Supportive Policies: Mobility Management and Smart Growth To Increase BRT Ridership and Efficiency,” presented at the Seminario Internacional Sobre Las Implicaciones Del Provento De Corredores Exclusivos Para El Transporte Publico De La Ciudad De Mexico (International Seminar On Dedicated Busways In Mexico City), 3 September 2003.

“The Great Debate: Smart Growth Pro and Con,” debate with Wendell Cox, *2<sup>nd</sup> Urban Streets Symposium*, Transportation Research Board ([www.trb.org](http://www.trb.org)), Anaheim, California, 30 July 2003.

“Mobility Management as a Transport Safety Strategy,” *Safe Non-Motorized Traffic: Planning, Evaluation, Behavioural, Legal & Institutional Issues*, ICTC Workshop (International Cooperation on Theories and Concepts in Traffic Safety, [www.ictct.org](http://www.ictct.org)), 13 June 2003.

“Canadian Transportation Issues and Regional Planning,” *On the Edge: Canadian Association of Geographers Annual Conference*, University of Victoria, 31 May 2003.

“Sustainable Transportation and Land Use Planning,” *Winnipeg Town Hall Discussion*, sponsored by the Winnipeg Civic Environmental Committee ([www.winnipegcec.org](http://www.winnipegcec.org)), 30 May 2003.

“Economic Value of Walkability,” *Walk21 VI: Health, Equity & Environment*, Fourth International Conference on Walking in the 21<sup>st</sup> Century ([www.walk21.com](http://www.walk21.com)), 1 May 2003.

“Pay-As-You-Drive Vehicle Insurance,” *Forum for Business and Environment*, Salem, Oregon sponsored by the Oregon Environmental Council ([www.orcouncil.org](http://www.orcouncil.org)), 28 January 2003.

“First Do No Harm: Local Indicators of Unsustainability” (session 222), “Mobility Management Marketing: Success Stories and Best Practices” (session 452), and “Economic Value of Walkability,” (session 728), *Transportation Research Board 82nd Annual Meeting* ([www.trb.org](http://www.trb.org)), January 12-16, 2003.

“Transportation Funding, Costs and Pricing,” *Sacramento Transportation & Air Quality Collaborative* ([www.sactaqc.org](http://www.sactaqc.org)), Sacramento, September 5, 2002.

“The Online TDM Encyclopedia: A Gateway to Innovative Solutions to Transportation Problems,” presented at the *World Conference on Transport Research First Annual Conference*, ([www.ish-lyon.cnrs.fr/let/wctrs/wctr.htm](http://www.ish-lyon.cnrs.fr/let/wctrs/wctr.htm)), Leeds, UK, July 8-9, 2002.

“Environmentally and Socially Progressive Insurance Policy: Can Distance-Based Charging Deliver?” workshop sponsored by the Institute for Public Policy Research ([www.ippr.org](http://www.ippr.org)), London, July 11, 2002.

Various presentations to government agencies and private insurance officials concerning the feasibility of implementing Pay-As-You-Drive vehicle insurance and other transport market reforms in the Netherlands, sponsored by the Institute for Traffic and Transport, Logistics and Spatial Development, TNO Inro ([www.inro.tno.nl](http://www.inro.tno.nl)), Delft, The Netherlands, July 1-3, 2002.

“Win-Win Transportation Solutions,” Rogue Valley Area Commission on Transportation and the Rogue Transportation District ([www.rvtd.org](http://www.rvtd.org)), Medford, Oregon, June 11, 2002.

Helped develop policy recommendations and implementation strategies for market reforms to encourage more sustainable transportation and urban development, *Urban Sustainability Program Experts Workshop*, sponsored by the Canadian National Round Table on Environment and Economy ([www.nrtee-trnee.ca](http://www.nrtee-trnee.ca)), Ottawa, June 4, 2002.

“Economic Development Impacts of Transportation Demand Management,” presented at Transportation Research Board *Conference on Transportation And Economic Development* ([www.ted2001.com](http://www.ted2001.com)), Portland, Oregon, May 5-7, 2002.

“Overview of Variable-Priced Auto Insurance,” presented at the *Pay-As-You-Drive Workshop*, sponsored by the U.S. Environmental Protection Agency, Reno, Nevada, March 20, 2002.

“Transportation Demand Management – Best Practices,” presented at the *State Roundtable on Global Climate Change*, sponsored by the Center for Clean Air Policy ([www.ccap.org](http://www.ccap.org)), Washington DC, March 12, 2002.

“Clearing the Way for a Healthy City – Opening Forum,” panel discussion, at the *Moving Beyond Planning: Implementing Transportation Solutions Conference*, sponsored by Transport Canada and TransLink, Vancouver, BC, March 6-8, 2002.

“Win-Win Transportation Solutions,” Keynote Speech, *Rethinking Mobility Conference*, Association for Commuter Transportation ([www.actweb.org](http://www.actweb.org)), Portland, Oregon, 21 August 2001.

“TDM Planning and Success Stories,” *Technology & Innovation TDM Symposium 2000*, Metropolitan Transportation Authority, Los Angeles, 7 December 2000.

“Transportation Land Valuation,” *David C. Lincoln Fellowships Symposium on Land Value Taxation*, Lincoln Institute of Land Policy ([www.lincolninst.org](http://www.lincolninst.org)), Cambridge, Massachusetts, 23 October 2000.

“Transportation Demand Management: Challenges & Solutions,” workshop, Oregon Transportation Conference, Portland, 1 October 2000.

“Urbanization & Growth: Challenges and Opportunities for Transportation Management,” *The Coming World of Transportation*, Boise, Idaho, August 2000.

“Shifting Gears: Win-Win Transportation Solutions in the Georgia Basin,” Simon Fraser University Harbour Centre, Vancouver, BC, May 31, 2000.

“Win-Win Transportation Solutions: Cooperation for Economic, Social and Environmental Benefits,” National Economics Club, Washington DC, 13 January 2000.

“Transportation Market Reforms for Sustainability” and “Evaluating Carsharing Benefits,” *Transportation Research Board 79th Annual Meeting*, Washington DC, January 2000.

“International Perspective On How More Active, Energy Efficient And Sustainable Transport Could Be Included In Transport Reforms,” presented at *Improving Health and Energy Efficiency through Active Transport Modes and Healthy Housing*, Christchurch, Wellington and Auckland, New Zealand, September 13-15, 1999.

“Defining and Evaluating Transportation Equity,” presented at *Just Transportation; A One-Day Symposium on the Role of Equity in Transportation*, Austin, Texas, August 9, 1999.

“Transportation – The Price of Mobility” presented at *The Basin Forum; Actions for a Sustainable Basin*, sponsored by the Sustainable Development Research Institute, University of British Columbia, Vancouver, May 28, 1999.

Organized sessions 21 and 58, titled “Automobile Dependency,” a panel discussion, and presented, “Automobile Dependency and Economic Development,” *Transportation Research Board Annual Meeting*, Washington DC, January 1999.

“Exploring the Paradigm Shift Needed to Resolve Conflicts Between Transportation and Sustainability Goals,” *Transportation Research Board 78th Annual Meeting*, Washington DC, January 1999.

“Distance-Based Charges: A Practical Strategy for More Optimal Pricing,” *Transportation Research Board 78th Annual Meeting*, Washington DC, January 1999.

“Transportation Price Shift,” presented at *Greening State Taxes: National Conference on State Tax Reform for a Sustainable Economy*, Center for Sustainable Economy and Energy Outreach Center, held in Seattle, Washington, December 11, 1998.

“Distance Based Vehicle Insurance – Potential for Implementation,” presented at *The Benefits of Mileage Based Auto Insurance Policies*, Economic Policy Institute ([www.epinet.org](http://www.epinet.org)), Washington DC, December 10, 1998.

“Why and How to Reduce Parking Requirements,” presented at *Transportation Planning for More Livable Communities*, three workshops organized by the Local Government Commission ([www.lgc.org](http://www.lgc.org)), Nov. 16-18, 1998.

“Automobile Dependency and Economic Development,” presented at *Moving the Economy Conference*, Toronto, Ontario, July 1998.

“Optimizing Public Transit Benefits” presented at the *1998 Transportation Planning Conference*, San Antonio, Texas, June 16-19, 1998.

“Generated Traffic: Implications for Transport Planning,” presented to Transport Economics and Policy Thematic Group, World Bank, Washington DC, 13 January 1998.

“Transportation Cost Analysis” presented to *Academy of the Transatlantic Collaboration to Improve Land Use, Transport and Air Quality*, Halle, Germany, 23 October 1997.

“Comprehensive Transport Planning: Incorporating Full Costs and Benefits,” *Transportation in the Information Age Conference*, Canadian and Pacific Northwest Institute of Transportation Engineers, Vancouver, 13 April 1996.

“Traffic Calming Benefits, Costs and Equity Impacts” (session #87), and Discussant for session #225 on Full Costing of Transportation Projects, *Transportation Research Board Annual Meeting*, Washington DC, January 1997.

“Mobility Benefits, Costs and Equity: New Perspectives in Transportation Decision Making,” *Local Leadership for Sustainability Conference*, Nelson, BC, 29 July 1996.

“Creating a Balanced Transportation System,” panel discussion presented for the City of Vancouver’s *Transportation Plan Symposiums*, January 31 and February 1, 1996.

“Transportation Cost Analysis: Techniques, Estimates and Implications,” presented at the *Transportation Research Board’s Annual Meeting*, Washington DC, January 1995.

“Total Cost Accounting in Land Transportation Planning; Status of an Emerging Field,” presented at *Down To Earth*, IIEE Conference, San Jose, Costa Rica, October 1994.

“Transportation: Access and Mobility” for *Managing Growth for Small City Livability Conference*, Campbell River, B.C. 1994.

“Transportation Cost Analysis” for *Alt-Trans Conference*, Seattle, 1994.

“Sustainable Community Transportation,” panel discussion moderator, *Transportation 2000 Conference* (Aspen), and paper at *Pedestrian Conference* (Boulder), 1991.

“Bicycle Advocacy Skills”, “Developing a Bicycle Guide with Maps”, and “Bicycling and Transportation Demand Management” *ProBike Conferences*, 1987, 1989 & 1991.