



Toronto Section News

September 2009

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Toronto Section Events

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Upcoming Events...

EMME Users Group Meeting - September 25, 2009 at MTO Downsview

The Ontario Emme Users Group, together with the Institute of Transportation Engineers, will meet on Friday, September 25, 2009 to discuss Emme, transportation modelling, and transportation planning issues. The day long meeting will take place at the Gemini West room, Ontario Science Centre, 770 Don Mills Road (at the corner of Don Mills Road and Eglinton Avenue East) in Toronto, Ontario.

We are looking for your participation and input. If you would like to present one of your projects or ideas to the Group, please contact Ali Mekky by September 18. Free lunch will be served. Please confirm your attendance with Ali. His contact information is as follows:

Dr. A. Mekky, P.Eng., FITE
Senior Advisor, Transportation Policy & Planning
Morrison Hershfield
235 Yorkland Blvd, Suite 600, Toronto, ON M2J 1T1
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amekky@morrisonhershfield.com

Presentations that have been confirmed include:

- Emme Desktop Developments
- Emme Modelling Developments: New assignments
- Matrix Adjustment to Counts: Refinements for road and transit
- Dynameq Applications around the World
- The Hurontario project in Mississauga and Brampton
- The New Durham Region Model

INRO staff (Mike Florian, Dan Florian, Diane Larin, and Shane Velan) will be present to answer your questions and to share recent and upcoming developments with you.

Directions to the Ontario Science Centre, by road and by transit are available on their website at www.ontariosciencecentre.ca/directions. Bus service is available via TTC routes 25 (from Pape Station) and 34 (from Eglinton Station). The Gemini West room is located off the main entrance to the north.

If you are coming to the Meeting by car, then you can park your car at the Ontario Science Centre parking lot for free, just tell the attendant on the way in that you are coming to the Emme meeting.

The nearest hotels are:

Westin Prince
900 York Mills Rd.
Phone: 416-444-2511
1-800-westin-1

Crowne Plaza Hotel
1250 Eglinton Ave. E
Phone: 416-449-4111
1-800-2-crowne

Greenmodes Workshop – October 21, 2009

In 2005, the Canadian Institute of Transportation Engineers (CITE) released its acclaimed technical report *Promoting Sustainable Transportation through Site Design*. This resource helps municipalities and the land development industry to better design non-residential development sites that promote accessibility by walking, cycling, ridesharing and transit. By using the 200+ guidelines in the report, site planners can realize broad benefits that include:

- an improved environment,
- health benefits,
- quality of life,
- increased accessibility, and
- economic returns.

CITE has invested significant resources into both the original report, and the complementary software development, Greenmodes. This web-based knowledge transfer software has been extensively tested and is now ready for use by transportation engineers, urban planners, architects, and land developers.

The ITE Toronto Section is hosting a workshop that will provide hands-on, interactive software training. The objectives of the workshop are to:

- improve understanding of sustainable transportation practices,

- demonstrate how Greenmodes can be applied in practice, and
- provide multi-disciplinary interaction on sustainable transportation through a pilot session and future strategy.

The instructor is Kelvin Roberts. Over the last 30 years, Kelvin has been involved in a wide range of transportation engineering and planning projects. During this time, he recognized the need for helping practitioners make use of the vast amounts of evolving knowledge. In response, he formed NEXT Solutions, which develops electronic knowledge transfer systems, mainly in the fields of transportation sustainability and road safety. One of the first of these systems was Greenmodes - a multi-disciplinary support system for promoting sustainable transportation in new developments.

More information on the software is available on the Greenmodes website at www.greenmodes.ca and in the attached brochure.

The workshop will be held on Wednesday, October 21st at the Ontario Bar Association Conference Centre in downtown Toronto. Registration will start at 8:30 a.m. and the workshop will begin at 9:00. The workshop is expected to last for four hours, wrapping up at 1:00 p.m.

The OBA conference centre is located at 20 Toronto Street near King Subway Station. Information on the conference centre can be found at www.oba.org/En/conference_en/Conference_Centre/main_en.aspx.

The cost of the event is \$300 for ITE members and \$350 for non-ITE members. Payment can be made at the door in cash or by cheque, made payable to ITE Toronto Section. Receipts will be issued at the Workshop.

To register, please contact our **Activities Coordinator**, Mehemed Delibasic, at Mehemed.Delibasic@aecom.com, or (905) 238-0017 x 8305 by noon Wednesday, October 14th. Pre-registration for this event is required.

Canadian TDM Summit 2009 – November 15-18, 2009

Registration is now open for the 2009 Canadian TDM Summit, which will be held in Toronto from November 15 to 18 this fall at the Fairmont Royal York. ACT Canada's TDM Summit 2009 offers an exciting opportunity for TDM stakeholders to network, share best practices and learn. The theme of Summit is 'To our Health, Wealth and Community' and the program is designed to increase TDM knowledge and capacity in these areas.

For more information on the TDM Summit, see the brochure attached at the end of this newsletter or visit their website at [www. ACTCanada.com](http://www.ACTCanada.com).

Signal ITS Technologies, ITE Toronto Section / OTC Joint Seminar – November 24th, 2009

Reserve your schedule for Thursday, November 24 as once again the ITE Toronto Section has partnered with the Ontario Traffic Conference (OTC) for a joint one-day workshop. The theme this year is Signal ITS Technologies. A program is being developed with speakers on a wide range of ITS applications that deal with traffic signals. The event will be held in Vaughan.

Annual General Meeting and Christmas Luncheon Friday, December 4, 2009 – Toronto Cricket Curling and Skating Club

Once again it's time to start thinking about the ITE Toronto Section Annual General Meeting and Christmas Luncheon, which will be held at the Toronto Cricket Curling and Skating Club, 141 Wilson Avenue. The cost for this event, which always includes a great lunch, is \$45 for ITE members and \$50 for non-members. Payment can be made at the event by cash or cheque, with the cheque payable to the ITE Toronto Section. For reservations, please contact **Activities Coordinator**, Mehemed Delibasic, at Mehemed.Delibasic@aecom.com, or (905) 238-0017 x 8305. **The deadline for registration is Friday November 27 at noon.** As always, any persons who register but do not attend will be invoiced.

Also remember that parking is limited and there **is a charge for parking at the Cricket Club.** We suggest you consider car pool and transit options when planning your trip to the luncheon. Details regarding the luncheon speaker will follow in our next newsletter.

Call for Nominations – ITE Toronto Section Election for 2010 Due November 5, 2009

This year, the ITE Toronto Section is seeking nominations for Activities Coordinator for the 2010 Executive. This is the first position on the executive and involves a moderate level of time commitment. Once on the Executive, the members sequentially work through each position on the executive at one-year intervals.

Nominations or questions regarding the position may be forwarded by phone or e-mail to the Election Coordinator:

David Argue

ITE Toronto Section, Elections Coordinator 2009

Phone: (905) 882-4100 x5228

david.argue@hdrinc.com



Nominations must be received no later than Wednesday, November 5, 2009.

All nominees will be identified in a subsequent mail-out prior to the Annual General Meeting, allowing advance voting. The election will be held at the ITE Toronto Section Annual General Meeting and Christmas Luncheon, on December 4, 2009 (see page 4).

Recent Events...

Recap – Transportation Boot Camp

On May 1st, the ITE Toronto Section held a one-day transportation 'Boot Camp' for students and young professionals who have recently started their careers. The day focused on learning about the many different aspects of transportation planning and engineering. We heard from experts on a variety of topics including:

- The Planning Process in Ontario - Mike Bissett, Bousfields Inc.
- Forensic Engineering and Liability – Russell Brownlee, Giffin Koerth
- Human Factors in Transportation Engineering – Alison Smiley, Human Factors North
- Transportation Impact Assessment and Parking – Andre Filippetti, City of Toronto
- Intelligent Transportation Systems (ITS) – Ron Whitelock, iTRANS Consulting Inc.
- Infrastructure Investment Strategies and the Metrolinx Benefits Case Analysis – Michael Sutherland and David Pritchard, Metrolinx
- Traveller Information Systems – Heba Taher, IBI Group

The event had about 25 people attending from a variety of public and private sector backgrounds. This group of young people was engaged in the discussion and inspired by what they heard from this diverse group of experts. Thank you to the presenters and all those who attended.

Canadian Capacity Guide / InterCalc Training Course

On Wednesday, June 17, 2009, the Toronto Section hosted a Canadian Capacity Guide (CCG)/InterCalc Training Course at the University of Toronto downtown campus. The course was based on the new Third Edition of the CCG for Signalized Intersections.

This one-day course provided detailed instruction in intersection capacity analysis procedures, followed by hands-on examples using the new InterCalc software. 10 attendees had the opportunity to develop a detailed understanding of how to accurately model operations at signalized intersections from course instructors Dan Havercroft (Mohawk College) and Paul Sarjeant (BA Consulting). The course included a review of the basics of intersection capacity analysis, focusing on critical factors; CCG methodology, including comparisons to the Highway Capacity Manual and Synchro; Detailed capacity analysis examples using the CCG; and Instruction in the use and application of the InterCalc software.

Thank you to Dan and Paul for bringing the course to the ITE Toronto Section membership and to all those who attended and participated.

ITE Contact Information

If you or one of your colleagues are not receiving the monthly ITE Journal, the quarterly CITE Transportation Talk, periodic correspondence from CITE, and/or the ITE Toronto Section Newsletters... then the contact information we have may not be up to date in our respective databases. ITE International, CITE and the ITE Toronto Section maintain separate membership databases. Every effort is made to keep the three databases "in agreement";

however, there are instances where changes in membership have not been instituted across the databases. If your contact information changes, there are two places where those changes should be made.



1. For **ITE Journal, Invoicing and other ITE international correspondence**, your current contact information can be viewed and changed at www.ite.org under the “my profile” tab on the left side. It provides information on what your login and password are based on your ITE membership number and name.

CITE maintains a separate database of membership information, but gets their updates from ITE Washington. When you update your contact information at www.ite.org, the information will be forwarded to CITE.

2. For **ITE Toronto Section Newsletters**, your current contact information can be changed with our **Membership Coordinator** Nixon Chan at ChanN@mmm.ca. The ITE Toronto Section distributes correspondence solely by e-mail. If you are receiving the Toronto Section newsletters, your e-mail contact information is correct.

Do You...

- Have any interesting transportation-related articles or photos that you would like to see in our newsletter? Send them electronically to our **Communications Coordinator** Mehrak Hakimi.
- Have any questions for the ITE Toronto Section? Contact our **President** Julia Salvini or **Vice-President** David Argue
- Want to learn about Job Posting opportunities offered by the ITE Toronto Section and CITE? Contact our **Membership Coordinator** Nixon Chan.

Your ITE Toronto Section 2009 Executive

President	Julia Salvini Metrolinx	Tel: (416) 874-5921 Fax: (416) 874-5901 julia.salvini@metrolinx.com
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Past President	Tim Lawson Toronto Transit Commission	Tel: (416) 393-4432 Fax: (416) 338-0400 tim.lawson@ttc.ca



Early bird registration ends September 23rd

Important Notice: CITE members can register for the TDM Summit at the ACT Canada member rate!

Canadian TDM Summit 2009: To our Health, Wealth and Community

**Toronto, Ontario
November 15-18, 2009**

[Click here to register](#)

ACT Canada's TDM Summit 2009 offers an exciting opportunity for sustainable transportation planning stakeholders to network, share best practices and learn how transportation demand management (TDM) is a growing and important focus for transportation practitioners. The theme of TDM Summit 2009 is '*To our Health, Wealth and Community*' and the program is designed to increase TDM knowledge and capacity in these areas. CITE members will gain invaluable information on TDM resources, innovations, best practices, opportunities and steps to ensure TDM integration into sustainable travel planning. Join sustainable transportation leaders from across the country in this unique and targeted opportunity for professional development and networking.

Register and book your hotel room at the prestigious [Fairmont Royal York](#) as soon as possible to take advantage of early bird Summit registration fees and our reserved hotel room block. Our official airline, Air Canada, is offering a 10% discount for delegates. Follow the instructions provided under the 'hotel' tab of the TDM Summit 2009 webpage at www.ACTCanada.com

Bonus! Your registration fees include the full comprehensive program, including evening events.

Keynote speaker highlights are:

- **Monday morning Welcoming Plenary Keynote Speaker: Dr. Daniel Sperling, Author of Two Billion Cars: Driving Toward Sustainability, Professor of Civil Engineering and Environmental Science and Policy, and founding Director of the Institute of Transportation Studies at the University of California, Davis (ITS-Davis).**

Dr. Sperling is recognized as a leading international expert on transportation technology assessment, energy and environmental aspects of transportation, and transportation policy. He was recently honoured as a lifetime National Associate of the National Academies, is author or editor of 200 technical articles and 10 books, and has testified ten times to the US Congress and California Legislature on alternative fuels and advanced vehicle technology.

- **Monday Luncheon Keynote Speaker: Michael Roschlau, President and CEO, Canadian Urban Transit Association (CUTA).**

Michael Roschlau will present on CUTA's Transit Vision 2040 – A Blueprint for the Future. Today, national transit ridership and investment are at all-time highs, but Canada's public transit industry faces pressures arising from the accelerating pace of change. Recognizing that the future is something to be shaped and not simply responded to, CUTA has created Transit Vision 2040. This important new document looks at the shape of Canadian communities a generation from now and sets a course for public transit to maximize its contribution to the quality of life in those communities over the next three decades.

- **Tuesday Luncheon Keynote Speaker: Claude Ouimet, Senior Vice President and General Manager, InterfaceFLOR Canada and Latin America.**

Claude Ouimet, Senior Vice President and General Manager for InterfaceFLOR in Canada and Latin America, will present his company's vision, Mission Zero, which is InterfaceFLOR's promise to eliminate any negative impact the company may have on the environment by 2020. This mission embraces cutting-edge philosophies such as Life Cycle Assessment and Biomimicry. Claude believes that all of us, individuals and companies, have the power and courage to change, to be the change, and do something to help address the global environmental crisis.

Also included in your registration fees are events specifically designed to build collaboration and networking. These include:

- [Welcoming reception at the CN Tower](#) - Canada's most recognizable and celebrated icon. At a height of 553.33m (1,815 ft., 5 inches), it is the World's Tallest Building where you'll have amazing views of the Greater Toronto Area.
- [Monday evening dinner event at the Steam Whistle brewery](#) - located only a short walk from the Fairmont Royal York
- [Tuesday evening at the renowned Distillery District](#) - Join us for an evening of celebration with GTA employers who have established award winning commuter options programs.
- [Exciting Wednesday afternoon tour options](#) - Visit some of the GTA's sustainable transportation success stories.

Register today and join your TDM colleagues at the Canadian TDM Summit 2009 in Toronto. Register at www.ACTCanada.com or for more information email Summit@ACTCanada.com

Sponsorship Opportunities Still Available: The Canadian TDM Summit wouldn't be possible without the support of leading organizations. For more information, please contact us at Summit@ACTCanada.com or by phone at 613-226-9845.

We look forward to the participation of CITE members at this important conference focused on sustainable transportation!

Promoting Sustainable Transportation Through Site Design

Promoting Sustainable Transportation Through Site Design recommends site design practices that can be applied to promote the use of more sustainable modes of passenger transportation such as walking, cycling, ridesharing and transit.

The document also identifies a range of supporting policies and actions that agencies can implement to create an atmosphere conducive to promoting sustainable transportation through site design.

An underlying theme of this report is the integral relationship between land use and transportation based on the premise that:

- effective site design can enhance the attractiveness, convenience and safety of walking, cycling and transit use, and
- need not compromise the efficiency of travel by other modes.

Conversely, if a site is not designed to provide access for sustainable transportation modes, users could be significantly discouraged from its use – a preventable situation given the level of information currently available.



2004 Winner of the TAC Sustainable Urban Transportation Award.

CITE's Site Design Guidelines

A comprehensive guideline document promoting accessibility by travel modes other than single occupant vehicles (SOVs).

GREENMODES

A Planning Support and Knowledge Transfer System that empowers practitioners in the effective application of the Site Design Guidelines.

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Victoria, BC V8Y 2G3

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E: kelvin@next-solutions.ca
W: www.greenmodes.net

Together we can promote the use of sustainable transportation in new development.

GREENMODES

An electronic knowledge transfer system for
Promoting Sustainable Transportation Through Site Design



GREENMODES is a partnership between:



NEXT! Solutions



Overview

Developed in 2004 by the Canadian Institute of Transportation Engineers (CITE), this resource helps municipalities and the land development industry to better design non-residential development sites that promote accessibility by walking, cycling, ridesharing and transit.

By utilizing the 200+ guidelines in the report, site planners can realize broad benefits that include:

- an improved environment,
- health benefits,
- quality of life,
- increased accessibility, and
- economic returns.

The scope of the guidelines includes the detailed consideration of:

- Building placement
- Pedestrian and bicycle facilities
- Transit planning and facilities
- Access and internal roads
- Parking supply and placement
- Loading and pick-up / drop-off facilities
- Guide signing
- Street furniture and landscaping
- Showers, change rooms and lockers

Promoting Sustainable Transportation Through Site Design is an ITE proposed recommended practice.

Knowledge Transfer

These guidelines provide design practices and processes that promote the use of more sustainable transportation by:

- examining each element of a site from the perspective of a pedestrian, cyclist, ridesharer or transit rider, and
- identifying both barriers and opportunities for these modes.

Successful implementation of these guidelines is dependent upon the extent to which the end user can effectively apply the new knowledge.

Conventional knowledge transfer techniques include the development of procedure and guideline documents, web-based content systems, and by offering training courses.

These conventional techniques are effective in raising awareness and improving understanding, but have limitations in empowering practitioners to effectively and consistently apply new knowledge.

Knowledge transfer systems such as Greenmodes facilitates the convenient and effective application of the guidelines by providing users with a self-teaching, just-in-time training mechanism and project support system for applying the new knowledge.

Reports can be filtered as input to a LEED accreditation process.

GREENMODES

The basic approach to the system is to:

- systematically lead users through consideration of the guidelines,
- provide supporting knowledge for each guideline, and
- provide features for users to incorporate the guidelines in their project.

The system can be applied prior to planning to identify those areas that require focused attention, or after to evaluate how well the plans comply with the guidelines.

This web-based system also offers the following features:

- distinct approaches for simple and complex applications,
- filters for showing only those guidelines relevant to the current stage of planning, discipline, project characteristics, and topics of interest,
- accommodates single and multi-users, as well as multi-disciplines,
- generates reports that include a qualitative rating on how well the guidelines have been addressed, required next steps, and discipline responsibility,
- provides for remote project communications and a web-based forum for peer interaction, and
- the ability to maintain the currency of the content of the guidelines, to reflect the evolving knowledge base in this subject area.

The end product of an application, the Greenmodes report, provides an action plan on how to better promote the use of sustainable transportation on the study site.

