

Institute of Housing & Mobility

TRAVEL DEMAND MODELING WITH GIS

INTRODUCTION

The Institute of Housing and Mobility (iHM) is offering a three-day intensive workshop in travel demand modelling using Geographic Information Systems (GIS). The hands-on training will offer an in-depth review of transport data, survey design, data collection, spatial data analysis, travel demand modelling, and forecasting.

The workshop exposes participants to data collection/analysis methods within the GIS framework and allows participants to analyse the behaviour of commuters, who face a multitude of choices regarding modes, routes, trip destinations and the like. The participants will explore the linkages between land use, urban form, and travel behaviour by using GIS and behavioural modelling.

This is an intense workshop designed around the state-of-the-art travel demand-modelling suite, TransCAD. The participants will receive a course binder with PowerPoint handouts and other resource materials.

TOPICS WILL INCLUDE:

- Travel demand surveys
- Introduction to Geographic Information Systems (GIS)
- Spatial analysis using GIS
- Travel demand/behaviour and urban form
- Travel demand modeling using econometric and Operation Research methods
- Land use modeling
- Logistics and facility location

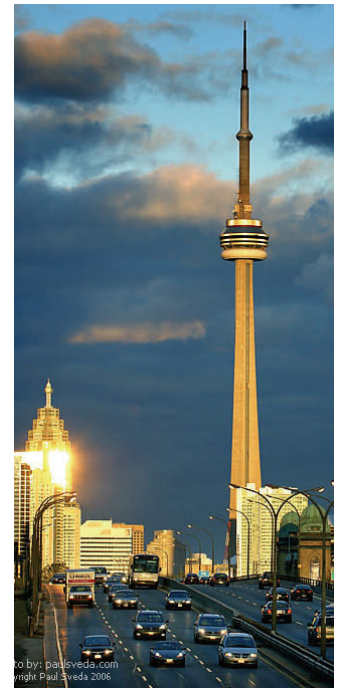
Instructor: Murtaza Haider, Ph.D.

Date: May 9 to 11, 2007

Location: Institute of Housing & Mobility
Faculty of Business, Ryerson University
55 Dundas Street West, Toronto ON M5G 2C3

Costs: \$750 + taxes
Students can apply for a subsidized registration fee of \$150.

To register, please contact Professor Haider at the numbers mentioned on the flyer or Mr. Sean Nix at tel: (416) 891-7550, email snix@ryerson.ca.



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