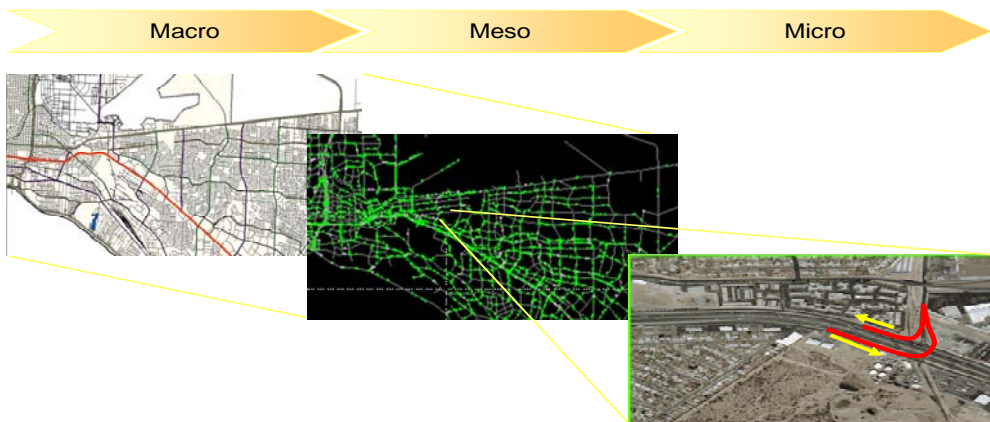


Traffic Analysis Tools and Specialized Applications Workshop

Sponsored by



The FDOT District 4, Gold Coast ITE Chapter and Women's Transportation Seminar bring you the **Traffic Analysis Tools and Specialized Applications Workshop**. The workshop will provide an overview of the FHWA Traffic Analysis Toolbox and presentations on innovative traffic analysis tool applications being used nationwide. The specific objectives of the workshop are to familiarize the audience with the:

- Available guidance and frameworks for traffic analysis
- Project scoping and traffic analysis tool selection process
- Evolution of traffic analysis tools and micro-simulation
- Building project life cycle micro-simulation tools
- Real world specialized tool applications
- Multi-Resolution modeling - integrating macro-, meso-, and micro-simulation models

When: July 8, 2011

Where: Florida Department of Transportation, District 4 Auditorium
3400 West Commercial Blvd.
Fort Lauderdale, FL 33309-3421

Time: 8:30 AM to 4:00 PM

Executive Overview – 9:00 AM to 10:45 AM

Target Audience:

The target audience for the workshop is transportation and community planners within MPOs and local, county and state organizations, transportation engineers, traffic analysts and consultants.

PDH Credits: 6.0 hours

Cost: Free. Catered lunch will be provided for \$10



The Executive Overview from 9:00 AM to 10:45 AM will also be broadcast to remote participants via Go To Meeting.

www.gotomeeting.com

Meeting ID:
578-852-378

Audio Call-in:
(646) 558-2103

Don't miss this opportunity to learn about the latest nationwide simulation practices!

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Workshop Agenda

8:30 AM – 9:00 AM	Breakfast and Networking
9:00 AM – 10:45 AM	<p>Executive Overview: FHWA Traffic Analysis Toolbox and Life Cycle Models</p> <p>Speakers: Eric Pihl, FHWA John Duesing, Cambridge Systematics Andrew Velasquez, URS Corporation/Florida's Turnpike</p> <ul style="list-style-type: none">a. Overview of the Toolbox and Guidance/Need for Selecting the appropriate tool for the appropriate analysis;b. Scoping of Analysis Tool and Tool Selection Assistancec. Examples of Tool Selection Process through Sample Project Scopingd. Guidance Examples on Tool Selection and Simulation Guidancee. Building Life Cycle Models and Consistent Frameworks for Transportation Analysis – Planning through Construction<ul style="list-style-type: none">i. Dulles MetroCorridor Model in Washington, DCii. HEFT Corridor Model in Miami, FL
10:45 AM – 11:00 AM	Break
11:00 AM – 11:45 PM	<p>Session 1: Introduction to Multi-Resolution Models</p> <p>Speaker: John Duesing, Cambridge Systematics</p> <ul style="list-style-type: none">a. Macroscopic Modelsb. Mesoscopic Modelsc. Microscopic Models
11:45 PM – 12:45 PM	Lunch
12:45 PM – 1:15 PM	<p>State of the Practice – Facilitated Panel Discussion</p> <p>Moderator: Andrew Velasquez, URS Corp./Turnpike Enterprise Panel Members: Colby Brown, Citilabs; Keil Ova, PTV America, Derek Miura, FDOT District 4; Eric Pihl, FHWA</p>

1:15 PM - 2:45 PM

Session 2: Specialized Tool Applications

- a. Cube Dynamic Traffic Assignment Tool Applications in FDOT D4, Colby Brown, Citilabs
- b. VISSIM Application for Special Use Lanes, Kiel Ova, PTV America

2:45 PM – 3:00 PM

Break

3:00 PM – 4:00 PM

Session 3: Multi-Resolution Model Applications

- a. I-217 Experience in Portland Oregon, Abby Caringula, Parsons Brinkerhoff
- b. Manhattan Traffic Model, Vassilis Papayannoulis, Cambridge Systematics

4:00 PM – 4:10 PM

Wrap-up Discussion and Adjournment