

## FLORIDA TRANSPORTATION MODELING NEWSLETTER

Volume 31 ◆ February 2006

## MPOAC APPROVES NATIONAL TRAVEL SURVEY ADD-ONS FOR FLORIDA

By: Terry Corkery, FDOT Systems Planning Office

On January 26, 2006, the Metropolitan Planning Organization Advisory Council (MPOAC) voted in favor of funding an NPTS Add-On program for Florida.

The National Personal Travel Survey (NPTS) is a nationwide survey of travel behavior conducted every five to eight years by the Federal Highway Administration (FHWA). The NPTS obtains information on passenger travel, including vehicle characteristics, mode, and purpose. The NPTS will begin next year (2007-2008).

FHWA allows state and local governments to purchase an increased sample size within their jurisdictions. The MPOAC earmarked \$2.6 million to purchase 12,000 add-on surveys for Florida's urbanized areas, including data analysis costs. Florida's participation in this add-on program will help to build a highly reliable database of local travel data with a large-scale sample of all urban areas in Florida. The data is randomly selected in proportion to population, ensuring statistical validity and equitable distribution of resources.

NPTS provides the highest level of quality control and detailed information about travel and household characteristics. The add-on data will provide a defensible basis to check and validate models.

Participation in this national study will establish a valuable foundation for Florida to borrow from and build on other national data sources. Because the NPTS is conducted 365 days a year, 7 days a week, survey findings will be available for specialized analyses such as:

Hurricane Evacuation Planning Weekend and Holiday Travel Planning Event Planning Seasonal Resident Impact and Effects

On January 11, 2006, the Florida Model Task Force unanimously approved a motion requesting the assistance

of the Florida MPOAC:

The Florida Model Task Force voting members believe that the NPTS Add-On Survey is a good expenditure of nonrecurring PL funds that FDOT now has available and we would like to see the project move forward and taken to the MPOAC. We would like the MPOAC to commit a portion of the nonrecurring PL funds to this project. We recommend \$2.6 million be spent to make a valid sample.

The task force also passed a motion requesting the Florida Department of Transportation to identify funds to purchase an additional 2,000 surveys in rural areas of Florida for even more comprehensive NPTS add-on coverage.

Information on the NPTS Add-On program, including a detailed PowerPoint presentation made at the MTF meeting by Nancy McGuckin, FHWA, can be found at FDOT's Model Task Force website: <a href="http://www.dot.state.fl.us/planning/mtf/default.htm#MTF%20Documents">http://www.dot.state.fl.us/planning/mtf/default.htm#MTF%20Documents</a>

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## TOPIC HIGHLIGHTS OF THE JANUARY 2006 MODEL TASK FORCE MEETING

The Florida Model Task Force (MTF) meeting was held January 10 and 11, 2006 in Daytona Beach, Florida. The meeting included Trip Distribution, GIS, and Land Use Committee meetings on Tuesday with committee chairperson reports given at the full MTF meeting. The full MTF meeting was held on Wednesday and included several technical presentations, as well as group discussions on the National Travel Survey Add-On Program and FSUTMS Framework topics.

This issue includes a brief summary of the topics covered at each committee meeting and the full MTF. Detailed minutes and the presentations made at the various meetings are available for review at the FDOT Model Task Force website: <a href="http://www.dot.state.fl.us/planning/mtf/default.htm#MTF%20Documents">http://www.dot.state.fl.us/planning/mtf/default.htm#MTF%20Documents</a>.

## IMPLEMENTATION OF FSUTMS NEW STANDARDS

The FDOT Systems Planning Office is in the process of implementing the new standards for FSUTMS. The work includes establishing FSUTMS framework items, including model structure and applications, developing a standard flowchart, incorporating time-of-day modeling, and transit modeling with PT. The FSUTMS Data Dictionary includes the most up-to-date description of all input and output files, including file name, file type, old file name, model step, module/program used/generated by, primary function, core and optional attributes, and special notes.

The PowerPoint presentation **Implementation of FSUTMS New Standards – A User Oriented Approach** and two accompanying documents (FSUTMS New Standards and Enhancements – A User Oriented Approach: A Florida Model Task Force White Paper, January 2006 and FSUTMS Powered by Cube/Voyager Data Dictionary, December 2005) are available for review on the FDOT MTF website.

Systems Planning has also been developing a new FSUTMS Web Portal, available in April 2006. The web portal will assist Florida modelers by providing important information and data such as MTF news and events, latest approved models, travel survey data, and modeling documentation. The portal will incorporate GIS as the centerpiece of the website in anticipation of the upcoming Cube 5.0.

## 2005 FSUTMS/CUBE USER SATISFACTION SURVEY RESULTS AND MTF ACTION PLAN

A 2005 FSUTMS/Cube User Satisfaction Survey was conducted in October 2005 by the FDOT Systems Planning Office as part of their quality assurance process, and on behalf of the Model Task Force. Several helpful points were brought forward by the survey and a summary of major points are listed below:

- MTF and Central Office should coordinate development of FSUTMS standards ASAP
- Workshops should use local models for examples
- Need better understanding of CUBE Public Transport and script files
- Run times unacceptable for converted models
- Citilabs needs to release major updates more often and start a helpful hints web page
- Citilabs understands Florida issues, but not enough technical support staff

The FDOT Systems Planning Office has instituted an action plan to address the helpful points made by the survey. Action items include providing policy papers and technical reports to support Districts and MPOs, supporting model/district-specific workshops, working more closely with Citilabs, and setting up a website/user forum to facilitate exchange of knowledge and ideas. This user satisfaction survey will be conducted annually.

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## GROUP DISCUSSION ON FSUTMS FRAMEWORK

The MTF attendees split into three discussion groups to formulate ideas on three topics: travel surveys and transit on-board surveys; transit modeling in Public Transport; and time-of-day modeling. A representative from each group presented the discussion points. The flip chart items discussed in each group are available for review on the FDOT MTF Website.

For more information on this please see the Florida Model Task Force website at <a href="http://www.dot.state.fl.us/planning/mtf/default.">http://www.dot.state.fl.us/planning/mtf/default.</a> httm#MTF%20Documents.

## TRANSIT OFFICE UPDATE

The Public Transit Office reported on training for FSUTMS/Tranplan transit modeling, which will be held in Boca Raton in May 2006 and Tampa in June 2006. The Transit Speed and Delay Study for Jacksonville is almost complete and the final report should be available in March 2006. The Public Transit Office has also been reviewing publications relating to on-board transit surveys. All publications will be posted on the new FDOT Web Portal available in April 2006.

## THE TIME HAS COME TO SAY GOODBYE!

Awards were presented to Glen Ahlert, Lee County MPO; Frank Baron, Miami-Dade MPO; and Jerry Faris, TSG, for their dedication and outstanding contributions to the Florida Model Task Force over the years. Each of the participants is retiring. We would like to wish them luck in all their future endeavors.

#### MTF COMMITTEE REPORTS

Three MTF committee meetings were held on Tuesday, January 10, 2006. Minutes from each meeting are available at FDOT's MTF website: <a href="http://www.dot.state.fl.us/planning/mtf/default.htm#MTF%20Documents.">http://www.dot.state.fl.us/planning/mtf/default.htm#MTF%20Documents.</a> A brief description of the topics covered at each committee meeting is provided below.

## Trip Distribution Committee Meeting Chairperson: Mike Neidhart, Volusia County MPO

The Trip Distribution Committee meeting covered one topic presentation: the **Travel Characteristics Study** (**Lifestyles**) for **METROPLAN Orlando** presented by Scot Leftwich, Leftwich Consulting Engineers, and Peter Gottfried, Canin Associates. The purpose of the Travel Characteristics Study is to identify a relationship between income and property values by TAZ, set up trip characteristics using existing data, develop a test case, and develop a survey. This presentation focused on forecasting mode split through parcel data to determine where people live and work, specifically for the home-based work purpose. The study hopes to match transit route planning to income, property values, and work locations. Additional information will be available as the study proceeds.

## GIS Committee Meeting Chairperson: Lina Kulikowski, Broward County MPO

- GIS-TM 3.01 by Vidya Mysore, FDOT Central Office
- Embedded ArcGIS in Cube 5.0 (version 1) by Jatin Pandya, Software Engineer, Citilabs, Inc.
- Citilabs Status Report, Wade White, Citilabs, Inc.
- Mission Statement and Objectives Review, GIS Committee Members

## Land Use Committee Meeting Chairperson: Gary Kramer, West Florida RPC

- A Study of Alternative Land Use Forecasting Models by Dr. Fang Zhao, FIU
- Land Use Alternatives in NW Florida LRTPs, by Mike Brown, TPS, Inc.
- Visioning and Land Use Forecasting Model, by Diane Quigley, DCA

No actions were taken at the committee meetings.

## DON'T WORRY, BE DATA HAPPY! FLORIDATRAVELSURVEYS.ORG IS HERE...

By: Ram M. Pendyala and Amlan Banerjee, Dept of Civil and Environmental Engineering, University of South Florida, Tampa

The transportation modeling and planning community in Florida relies heavily on travel survey data to develop, calibrate, and validate travel demand forecasting models; to evaluate alternatives; assess impacts of policies and multimodal plans; and quantify travel demand by purpose, time, location, and mode. Various metropolitan areas and the Florida Department of Transportation (FDOT) Districts have spent considerable resources over the past 10-15 years collecting detailed travel survey data to serve as a basis for developing accurate travel demand forecasting models within a FSUTMS context. More recently, there has been widespread interest in the development and

validation of transit models that require reliable and accurate on-board transit survey data for calibrating mode choice models and checking ridership forecasts.

# Your online travel survey resource www.floridatravelsurveys.org

Despite the widespread interest and the explicit recognition of the importance of collecting local travel survey data, many small- and medium-sized areas simply cannot afford such data collection efforts. Travel surveys are expensive, labor intensive, complex, and time-consuming. The Statewide Model Task Force (MTF) established the Travel Survey and Data Committee in May 2004 to help facilitate the collection, sharing, and analysis of travel survey data in the state.

One of the initiatives of the MTF Data Committee is the establishment of an online survey data clearinghouse that will serve as a data archive and resource for the modeling and planning community in the state. The online resource, www.floridatravelsurveys.org, is being developed with funding from the FDOT Central Office. The website will include data sets from recent household travel surveys and on-board transit surveys conducted in the state. In addition to the actual (cleaned and documented) data sets, the website will offer an exhaustive set of tabulations, charts, graphs, and descriptive statistics for a wide variety of socio-economic, demographic, and activity-travel characteristics.

At this time, the website is live and a comprehensive analysis of the Northeast Florida Household Travel Survey sample has been completed and compiled on the site.

Within the next month, the website will feature data sets and analysis results for the 1996 Tampa Bay Household Travel Survey, 1999 Southeast Florida Regional Travel Characteristics Study, and the 2001 National Household Travel Survey (NHTS) Florida sample. Following that, data sets and analysis results from a series of recent on-board transit surveys will be made available at the site. Finally, the site will be completed by providing a set of "best

practice" survey instruments and procedures that areas may use when conducting a local survey or data collection effort. The website is easy-touse with descriptive statistics organized into various

categories including "Demographics," "Trip Production," "Trip Distribution," "Mode Split," "Time of Day," and "Activity and Time Use."

Did you know that nearly 80% of households with no vehicles have incomes less than \$20,000 per year? And that only about 10% of households in this income bracket have zero vehicles? If you want to know more about how households are distributed by size, dwelling unit, income, and vehicle ownership in a multidimensional cross-classification context, <a href="https://www.floridatravelsurveys.org">www.floridatravelsurveys.org</a> is your one-stop shop for the information you need. **Table 1** (on the next page) shows a small piece of a cross-classification tabulation included at the website.

There is plenty of information about travel and mode characteristics. Do you want to see mode split profiles? **Figure 1** (shown on the next page) is an example of a graphical chart included at the website showing the mode split characteristics of the survey sample by trip purpose.

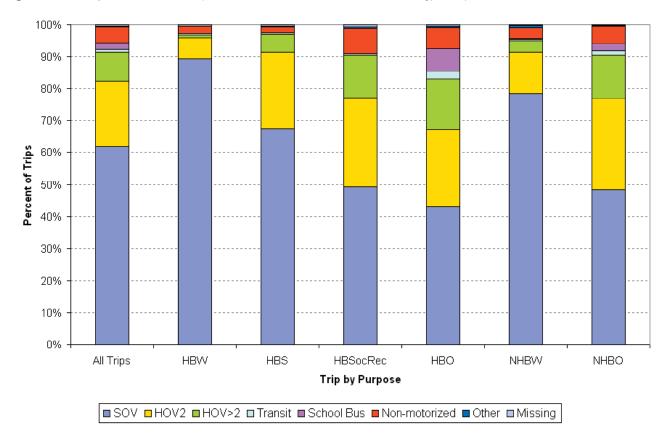
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Table 1. Distribution of Households by Income and Vehicle Ownership (Northeast Florida Household Travel Survey, 2000)

Income Group	Statistic	Motor Vehicle Ownership					Total
		0	1	2	3	4+	
\$0-19,999	Count Within Income Group Within Vehicle Ownership % of total	97 10.70% 78.90% 2.50%	471 52.10% 38.00% 12.00%	256 28.30% 14.70% 6.50%	50 5.50% 8.90% 1.30%	30 3.30% 12.60% 0.80%	904 100.00% 23.10% 23.10%
\$20,000- 29,999	Count Within Income Group Within Vehicle Ownership % of total	18 3.50% 14.60% 0.50%	266 51.20% 21.50% 6.80%	189 36.30% 10.80% 4.80%	40 7.70% 7.10% 1.00%	7 1.30% 2.90% 0.20%	520 100.00% 13.30% 13.30%

Figure 1. Mode Split Characteristics (Northeast Florida Household Travel Survey, 2000)



The website will continue to be updated with new information over the next few months. Comments and suggestions are welcome to help make the website a truly useful resource to the community; please convey your suggestions either to **Terry Corkery** at <u>terrence.corkery@dot.state.fl.us</u> or Ram Pendyala at <u>pendyala@eng.usf.edu</u>.

#### INTEGRATING GIS WITHIN CUBE

By: Ernie Ott, Citilabs, Inc.

#### Introduction

In 2003, Citilabs revised its earlier strategy to develop an independent graphics/mapping engine as part of its Cube suite of products in favor of integrating Cube with ESRI's ArcGIS. This decision reflected two key facts. First, with contemporary object-oriented programming techniques and information systems engineering, it is an accepted, supportable, common practice for one software developer to embed software functions not of their own original development into their own brand of products. Second, GIS has become a highly pervasive, crossapplication technology which helps agencies, companies, and communities collaborate and share data more easily than was possible with earlier information systems. This altered the critical decision away from simply providing "mapping functions onto the PC desktop," and moved it to providing an information system which "played well with others," meaning other key information systems. The decision to choose ArcGIS from ESRI actually brought Cube closer in line with several key software tools. Not only would ArcGIS itself be easier to integrate with, but also commercial DBMS capabilities could be more easily exploited, via the "all-relational" strategy fostered via ArcGIS's "geodatabase." Currently Cube 3 supports basic visualization of scenario results in ArcGIS, as well as data transfer between Cube and ArcGIS.

#### Cube 4 Release

For this current new release, Citilabs offers all new modules, functions, as well as incremental GIS improvements over Cube 3. The biggest news in the Cube 4 release is the addition of two major modules, Cube Reports and Cube DTA (Dynamic Traffic Assignment). Cube Reports is an add-on product to Cube Base which supplies the user many automated tools for generating charts, tables, and other business graphics necessary for presentation of model run results. Cube DTA is an add-on product to Cube Voyager which offers an entirely new level of modeling, known as mesoscopic modeling. It is a level conceptually between urban-wide macroscopic modeling and intersection or sub-area modeling typically seen in traffic microsimulation. This level can show individual vehicle behavior and turning movements,

such as is available in Cube Dynasim. Cube DTA is to be used to support key corridor studies, and special activities such as evacuation planning, ITS project evaluation, emergency management and major event planning. Both Cube Reports and Cube DTA will take advantage of GIS capabilities in Cube 4. There are also key upgrades made to Cube Voyager. To detail the extensive modeling and data management upgrades and additions made available with Cube 4 is beyond the scope of this article. Please visit <a href="https://www.citilabs.com">www.citilabs.com</a> for details concerning all aspects of the Cube 4 and related product releases.

Regarding the specific additions to the Cube 4 GIS functions, the primary area of advancement is the improved use of shape files. The following GIS functions are available in Cube Base:

## Manipulation of shape files and data stored in shape files, Cube 4 adds the ability to:

- Compute the values of attributes in the shape layers
- Generate a true shape equivalency. This helps in joining an existing 'stick' network with a centerline GIS file
- Delete selected data from a shape file
- Consolidate links that share the same value for selected attributes
- Build a network from shape using a level attribute so that multi-level overpasses can be accurately built
- Build a transit network route file from shape files.
- Save path costs and skim values to network node, boundary, and point shape files
- Modify the structure of shape files within Cube
- Build networks from shape files in batch mode
- Split true shape links and maintain their geometric qualities
- Append data stored in matrices to a boundary layer

## Data manipulation, Cube 4 adds the capability to:

Calculate zonal level accessibility to transit using ESRI Geoprocessing functions

#### General new functions:

- Added zoom to layer function
- Added the ability to create custom ranges and color options in thematic mapping

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#### Cube 5 Release

The planned release of Cube 5 represents the major step for GIS integration, as ArcGIS function will be embedded within Cube. Citilabs developers are working directly with ArcObjects via the ArcGIS Engine (version 9.1), which allows a developer to embed a specific subset of ArcGIS capability within their own products. There are two areas of focus which are strategic parts of our development. First, Citilabs takes advantage of many of the same underlying capabilities ESRI provides in their own end-user products, such as ArcView. Much of the geoprocessing and visualization capabilities in Cube 5 will appear familiar to an ArcGIS user. Second, Cube will use the personal geodatabase (pGDB) as its primary data store. All Cube network data will be based as "node and link features within the GDB. This includes the benefits of using GIS features as intelligent "objects" with their own specialized behavior. This offers key advantages, as easier, "error resistant" data entry and editing, as well as simplified application coding for certain applications. It provides users with more intelligent data with which to build networks and store metadata for other users to better understand what exactly is stored in the pGDB. To learn more about how Citilabs utilizes the ArcObjects programming environment, you may wish to visit http://www.esri.com/software/arcgis/about/foundation.html.

#### Vision for Cube Beyond Release 5

Citilabs developers plan to support a broader cross-section of ESRI ArcGIS software. Products such as ArcIMS and ArcGIS Server could be tied directly to Cube Server, helping to implement Enterprise GIS for Transportation Planners and related communities. GIS-based, linearly referenced, highway inventory data could be utilized by planners and ITS analysts, and special models could be developed and calibrated using newly available GIS data modeled in Cube DTA. A technical key to this will be the additional support in Cube for the "enterprise geodatabase," (eGDB) which is supported by ESRI with ArcSDE. This supports multiuser access and editing needed for large organizations (e.g. Florida DOT) to manage and use data maintained by different groups of users (e.g. FDOT Districts), but to be shared centrally for broad use.

# 11<sup>TH</sup> TRB NATIONAL TRANSPORTATION PLANNING APPLICATIONS CONFERENCE DAYTONA BEACH FLORIDA MAY 6-9, 2007

The goal of the Conference is to provide an outlet for new applied techniques and methods. The program emphasizes practical, innovative, and timely technical and policy approaches to transportation planning. If you have completed transportation-related studies in the past year and wish to share the results with other professionals please review the Conference "Call for Abstracts" that will be posted at <a href="http://www.lctr.fiu.edu/trb-appcon">http://www.lctr.fiu.edu/trb-appcon</a> and sent out in the spring of 2006.

The conference will feature practical approaches to topics such as: Innovations in Travel Modeling, Multimodal Case Studies, Data Collection and Surveys, Statewide Models, Corridor Studies, Multimodal Travel Forecasting, Modeling Access Management, Simulation Tools, Federal Guidelines, Project Assessment, Travel Demand Modeling and Extensions, Urban Mobility, State and Regional Freight Models, Model Integration, HOV/Pricing, Network Simulation, Smart Growth, and others.

The conference is sponsored by the TRB Committee ABD50 Transportation Planning Applications and hosted by the Florida Department of Transportation (FDOT), Florida Metropolitan Planning Organization Advisory Council (MPOAC), Florida Model Task Force (MTF), Volusia County MPO and McTrans.

The Hilton Oceanfront Resort is located directly on Daytona's only traffic-free beach in the heart of Ocean Walk Village, just five miles from the Daytona Beach International Airport. Directly across from the Ocean Center Convention and Civic Complex and connected to Ocean Walk Shops and Movie Theater, the hotel has 742 full amenity guest rooms and over 60,000 sq. ft. of meeting space.

For questions on the conference please contact:

Jerry M. Faris

4106 Tralee Road Tallahassee, Florida 32309 imfaris@ix.netcom.com

### THE 2006 TRANSPORTATION RESEARCH BOARD MEETING

By Robert G. Schiffer, AICP, Cambridge Systematics, Inc.

The 2006 Annual Meeting of the Transportation Research Board was held in Washington, DC on January 21st through the 26th. With recent passage of SAFETEA-LU, TRB took the opportunity to publish a document entitled "Critical Issues in Transportation" that outlines nine focus areas of transportation research over the coming years:

- ✓ Congestion
- ✓ Emergencies
- ✓ Energy and environment
- **✓** Equity
- ✔ Finance
- ✓ Human and intellectual capital
- ✓ Infrastructure
- ✓ Institutions, and
- ✓ Safety

Also, TRB Members are being asked to provide input to a Transportation Information Needs Assessment initiative dictated by the SAFETEA-LU legislation. This effort is looking at key unmet transportation needs and the likely sources for this information.

As usual, an informative Census data session was held. This year the focus was on the American Communities Survey, which is replacing the Census long form. Several aspects of the ACS were presented along with findings from the first several years of completed surveys. An ACS Guidebook will be available in the spring to assist users in analyzing ACS data. Full disclosure of data is limited to the "Super Tract" level with synthetic data at more detailed geographies.

As has been the case over the past several years, there was a strong emphasis on activity-based and micro-simulation modeling at TRB sessions. There was also a very good

session on Statewide Models. Travel behavior trends, survey trip capture, transit user benefits analyses, freight studies, and variable pricing were other relevant topics as was transportation and land use integration. Even though it's no longer a problem in Florida, air quality conformity continues to be a popular topic elsewhere in the country. Hurricane evacuation modeling and planning was a very popular topic this year, no doubt due to the recent onslaught of major hurricanes.

A major transportation milestone was recognized at TRB this year... the 50th anniversary of the Interstate Highways. This included panel discussions on the pros and cons of the Interstate and some of the conflicting philosophies behind the system. There was also a poster session with lots of old Interstate routing maps that helped one envision how the system was planned and evolved over a period of many years. There was even a booth giving away "Interstate @ 50" pins.

Committee meetings gave ample opportunity for additional discussions on state of the practice on a variety of topics. The Transportation Planning Applications Committee is actively planning next year's TRB Planning Applications Conference at the Daytona Beach Hilton on May 6th-9th, 2007. We're hoping for an excellent turnout from our state at this conference as well as the 2009 conference scheduled for Atlanta. Our Committee also sponsored and helped organize three sessions at this year's Annual Meeting, including some of those mentioned earlier in this article.

For additional information, visit the Annual Meeting website at <a href="http://trb.org/meeting/">http://trb.org/meeting/</a> and consider subscribing to the TRB E-Newsletter while visiting the site.

## The Florida Transportation Modeling Newsletter can be found at the following address:

http://www.dot.state.fl.us/planning/systems/stm/modnews/index.htm

## 2006 FSUTMS CUBE WORKSHOPS & SCHEDULE

## **FSUTMS Comprehensive Modeling Workshop**

**REGISTRATION IS FULL AT THIS TIME** 

Dates: February 20-24, 2006

Starting Time: Monday at 1:00 p.m.

Ending Time: Friday at noon

Location: Hilton Altamonte Springs

350 Northlake Boulevard Altamonte Springs, FL

Rate: \$99/night

Phone: 407-830-1985/1-800-678-4380

Res Deadline: January 21, 2006

## **FSUTMS Model Scripting Workshop**

Dates: April 17-20, 2006

Starting Time: Monday at 1:00 p.m.
Ending Time: Thursday at noon
Location: Marriott Lake Mary

1501 International Parkway

Lake Mary, FL 32746

Rate: \$99/night

Phone: 1-800-380-7724 **Res Deadline:** March 27, 2006

#### **FSUTMS Executive Summary Modeling Seminar**

Date: May 2, 2006

Starting Time: 9:00 a.m. Ending Time: 5:00 p.m.

Location: Homewood Suites

8745 International Drive

Orlando FL 32819

Rate: \$99/night Phone: 407-248-2232

Res Deadline: April 15, 2006

## **FSUTMS Comprehensive Modeling Workshop**

Dates: May 15-19, 2006

Starting Time: Monday at 1:00 p.m.

Ending Time: Friday at noon

Location: Doubletree Guest Suites

USF/Busch Gardens Tampa Bay

11310 N. 30th Street Tampa, FL 33612

813-971-7690

Rate: \$99/night

Phone:

Res Deadline: April 30, 2006

#### **FSUTMS Model Scripting Workshop**

Dates: June 12-15, 2006

Starting Time: Monday at 1:00 p.m. Ending Time: Thursday at noon

Location: Homewood Suites

8745 International Drive

Orlando FL 32819

Rate: \$99/night Phone: 407-248-2232

Res Deadline: June 1, 2006

Detailed Workshop Descriptions are available at <a href="http://www.dot.state.fl.us/planning/systems/stm/training/default.htm">http://www.dot.state.fl.us/planning/systems/stm/training/default.htm</a>.

## **Registration Information**

For registration information, log on to the FDOT Systems Planning Office Model Training Web site: <a href="http://www.dot.state.fl.us/planning/systems/stm/training/default.htm">http://www.dot.state.fl.us/planning/systems/stm/training/default.htm</a>, or contact **Ms. Sandy Colson**:

sandy.colson@dot.state.fl.us, 850-414-4937.



## **USERS' GROUP MEETING DATES**

The **Panhandle Transportation Applications and FSUTMS Users' Group** meets at the Washington County Public Library in Chipley from 1:15 p.m. - 3:00 p.m. Meeting dates and times will be announced as scheduled. Please contact **Linda Little** 850-638-0250.

The **Northeast Florida Transportation Applications Forum** meets at the new First Coast MPO location on 1022 Prudential Drive. The luncheon meetings are held from 12:00 p.m. to 2:00 p.m. For additional information, please contact **Karen Taulbee** (904) 360-5652 or **Jeanette Berk** 904-823-8982.

Thursday, February 16, 2006 Thursday, May 18, 2006 Thursday, August 17, 2006 Thursday, November 16, 2006

The **Southwest Florida Users' Group** is in the process of establishing a new meeting location. Meeting dates and times will be announced as scheduled. Please contact **Iim Baxter** 863-519-2562.

The **Southeast Florida Users' Group** meets at the FDOT-District 4, Auditorium. Meeting dates and times will be announced as scheduled. Please contact **Phil Steinmiller** 305-377-5896.

Friday, March 10, 2006 - New Auditorium

The Central Florida Traffic Data Users' Group meets at the Lake Apopka Room of the FDOT District Five Urban Offices in Orlando from 2:00 p.m. - 4:00 p.m. The Central Florida Traffic Data Users' Group is open to all interested parties. It brings together members of the FDOT District Five FSUTMS Users' Group, the Central Florida GIS Traffic Data Working Group, and other individuals interested in transportation data. For additional information, Please contact Jon Weiss 407-482-7881 or Mark Sievers at sievers@ecfrpc.org.

Thursday, March 9, 2005

The **Tampa Bay Applications Group** meets at the FDOT-District 7 Tampa Office from 12:00 p.m. to 2:00 p.m. For additional information, please contact **Danny Lamb** 813-975-6437. Meeting dates for 2006 are provided below:

Thursday, February 23, 2006 Thursday, May 18, 2006 Thursday, August 24, 2006 Thursday, November 2, 2006

Florida Transportation Modeling is published under contract to the FDOT Systems Planning Office in Tallahassee. All information and materials contained in the newsletter are contributed by FSUTMS users and Model Task Force members. Please contact the editors to submit articles for future issues or to get on the mailing list.

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