SERPM 8 Workshop

## FDOT District 4 Office, March 18, 2020, 8:30 a.m.-4:30 p.m.

### Workshop Agenda (tentative)

1. Introduction to SERPM 8 (8:30-10:00)
   1. Activity-based model concept and terminology
   2. Disaggregate simulation approach to modeling
   3. CT-RAMP structure and model flow

Break (10:00-10:15)

1. Installing and running SERPM 8 (10:15-11:00)
   1. On-line documentation
   2. Model installation
   3. Setting up and executing a model run
2. Model input data (11:00-12:00)
   1. Socioeconomic data
   2. Synthetic population generator
   3. Highway and transit networks

Lunch break (12:00-1:00)

1. Model outputs (1:00-2:00)
   1. Demand model outputs (tours/trips, origin-destination patterns, time of day, mode choice)
   2. Highway assignment outputs
   3. Transit assignment outputs
2. Example – Running forecast year scenario (2:00-3:00) – Hands On
   1. Setting up input data
   2. PopSynIII Overview and Setup
   3. Examine PopSyn outputs
   4. Running CT-RAMP
   5. Examining CT-RAMP summaries

Break (3:00-3:15)

1. Example - Running assignments (3:15-4:15)
   1. Select link analysis setup
   2. Examining results (including assignment Summaries)
2. Questions/discussion/wrap-up (4:15-4:30)