



Regional Transportation Technical Advisory Committee Modeling Subcommittee (RTTAC-MS) Meeting Agenda

April 28, 2025 – 10:00 AM to 12:00 PM EST

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- I. Introductions (5 minutes)**
 - II. Vote for a New Vice Chair**
 - III. SERPM 8.0 Model Status (15 minutes –Srin Varanasi/Aditya Katragadda, The Corradino Group)**
 - IV. SERPM 9.0: Model Progress Update/Overview (15 minutes – Rosella Picado, WSP, Srin Varanasi, The Corradino Group)**
 - V. RTP Update (15 minutes- Like Liu, Kittelson)**
 - VI. SERPM 9.0: Official Model Designation (15 minutes- Paul Flavien, Broward MPO and Maria Teresita Vilches-Landa, Miami-Dade TPO)**
 - VII. Member Discussion (15 minutes)**
 - VIII. Next Meeting (Remote Workshop Format: May 26, 2025) Discussion (5 minutes)**

Meeting Notes

The following is a summary of key points discussed during the January 27

RTTAC-MS meeting

I. Introductions (5 minutes)

Paul Flavien, the RTTAC-MS Chair, welcomed the group and briefly presented the agenda. The RTTAC-MS voting members introduced themselves.

II. SERPM 8.0 Model Status (15 minutes –Srin Varanasi/Aditya Katragadda, The Corradino Group)

- SERPM 8.543 is the current official model until the release of SERPM9
- Palm Beaches' latest land use data has been updated in the 8.543 model.
- No further updates are anticipated for this model unless major issues arise; focus is shifting to SERPM9
- Version 9 release discussions are in progress, pending software platform conversion.
- Data reviews, including regional cost and traffic volumes for 2050, are underway before release
- A flowchart of SERPM9 was demonstrated during the meeting. The model combines non-ABM and ABM components
- Population synthesis transitioned from Java to Python
- The visitor model remains unchanged, implemented in the activity-based model
- A cube flow chart illustrated the model structure, showcasing 2019 and 2050 scenarios.
- The 2050 scenario will be updated to incorporate cost-feasible elements

III. SERPM 9.0: Model Progress Update/Overview (15 minutes – Rosella Picado, WSP, Srin Varanasi, the Corradino Group)

- Model conversion is awaiting updates from PTV, following a request for additional information in early January.
- PTV has not yet provided an update on implementing 5 time periods for highway assignment.
- Development of a model development report commenced in December to meet an upcoming submission deadline
- The current model structure is being documented.
- Documentation updates will reflect model changes during conversion.
- A meeting between the PTV and development teams is addressing related issues.

IV. RTP Update (15 minutes- Like Liu, Kittelson)

- The RTP team supports the Southeast Florida transportation console for the 2050 regional transportation plan.
- The scope of work includes modeling, development, analysis, and cost feasibility studies.
- Plan adoption is anticipated for summer 2025; model updates and scenario planning are ongoing.
- A draft of the 2050 network plan, including cost feasibility, has been completed and distributed for review.
- Feedback from Miami and Palm Beach is addressed before finalization and handover to the WSP development team.
- Upon finalization and successful PTV conversion, the complete 2050 network package will be published.
- Data processing, reindexing, and network updates were discussed
- Missing county values were added, and correct sources were assigned based on geographical location to resolve discrepancies.
- County-specific node ID ranges are assigned to ensure data consistency.
- Data updates are validated against county-specific source records to maintain accuracy.
- The process involves comparing data, verifying county attributes, and using county-provided comments for consistency.
- A model was run after network development, resulting in comments from Miami-Dade County.
- The final 2015 network version differs from the draft version, and comments are still being accepted.

V. Member Discussion (15 minutes)

The final discussion concluded with no further member comments.

VI. Next Meeting (April 28, 2025) Discussion (5 minutes)

The next meeting is scheduled for April 28th.