

NCMUG Vision: To provide a forum for sharing knowledge and experiences of using state-of-practice transportation modeling tools, techniques, and innovations appropriate to answer transportation planning and policy questions for the State of North Carolina and promote its implementation across the State.

2022 Spring NCMUG Meeting

Wednesday, April 20, 2022

10:00 AM-12:00 PM ET

Wilmington Convention Center, Room 108
with virtual option

Zoom Meeting Link: <https://ncsu.zoom.us/j/97253893449>

Meeting ID: 972 5389 3449

Agenda

Moderator: Matt Quesenberry, PE, HNTB

Welcome

Model Development and Long-Range Plan Updates

NCDOT, Triad Region, Triangle Region, Metrolina Region

Metrolina Regional Simplified Tour-Based Model

Martin Kinnamon, PE, Charlotte DOT

Learning Objectives:

- Discussion of key elements of the Metrolina tour-based model, highlighting the differences from the previous trip-based model
- Benefits of tracking complete tours
- Limitations of the current model and planned enhancements in the next version

Town of Matthews Subarea Model

Craig Gresham, PE, Clearbox Forecast Group

Learning Objectives:

- Methodology for Land Use and Transportation Scenario Analysis Modeling on a City/Town scale
- Utilizing CommunityViz as a tool for Subarea Modeling
- Utilizing Subarea Modeling as an input for Dynamic Traffic Analysis

The Role of NCMUG and You

Panel and Group Discussion: Amar Pillai, NCDOT; John Kim, Ph.D., Piedmont Authority for Regional Transportation; Hank Graham, AICP, Fayetteville Area MPO

- What role does NCMUG serve for members
- What role do members want NCMUG to serve
- Next Steps