The NCMUG's vision is 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.

2018 Spring NCMUG Meeting

Wednesday, April 25, 2018
10:00 a.m. – 12:00 p.m.
Room Junior Ballroom
Durham Convention Center, 301 West Morgan Street, Durham, North Carolina 27701

<u>Agenda</u>

Moderator: Joe Schirripa, NCDOT

- **INTRODUCTION**
  NCMUG Survey

  http://bit.ly/NCMUG2018_Survey

- **MODELING SOFTWARE**
  10:00-10:30 AM
  TransCAD v.8 (30 minutes)
  Paul Ricotta, Caliper

  Learning Objectives
  ➢ TransCAD 7.0 and 8.0 new features and functions [vs. TransCAD v.6]
  ➢ Understand the considerations involved in moving models forward to new version
  ➢ How to get the most out of the latest TransCAD version

- **TRANSIT MODELING**
  10:30-11:00 AM
  Durham-Orange LRT Ridership Forecast (30 minutes)
  Feng Liu, Ph.D., Cambridge Systematics, Inc

  Learning Objectives
  ➢ Ridership Forecasting
  ➢ FTA New Starts Program
  ➢ Regional Model Enhancements for Project Planning

- **NORTH CAROLINA STATEWIDE MODEL**
  11:00 - 11:30 AM
  North Carolina Statewide Model Applications (30 minutes)
  Vince Bernardin, PhD, RSG; Roberto Miquel, CDM Smith

  Learning Objectives
  ➢ Sketch level toll modeling for planning purposes
  ➢ External trip model development for MPO and SAM models
  ➢ Inter-urban corridor analysis
  ➢ Supporting traffic forecasting in rural un-modeled areas

- **OPEN DISCUSSION**
  11:30 AM – 12:00 PM
  Lead: Matthew Quesenberry, HNTB

  Focus
  ➢ Your daily work related to model/forecast
  ➢ Model application issues, best practices, lessons learned, and experiences
  ➢ The topics you are interested in sharing/presenting, hearing and or discussing in the future NCMUG meetings
  ➢ Other questions

Other Notes:
One and a half (1.5) PDHs can be earned at the meeting (roster sheet & forms will be provided).