



*Volunteer Network of  
Professionals Working Together to  
Support, Promote, and Improve  
Best Practices in the Application  
of Traffic Simulation and  
Capacity Analysis*

# Meeting Agenda



Welcome and SimCap Updates

Regional Integrated Transportation Information System (RITIS) and Probe Data Analytics

Discussion: Applications of Emerging Data in Traffic Analysis

# ITE SimCap Committee

- Held committee meeting (Jan. 11)
  - In conjunction w/ TRB Annual Meeting
- Held joint SimSub meeting (Mar. 23)
  - Featured presentations by ACP80(2) and McTrans (TSIS-CORSIM 2022)
- Upcoming meeting (Jun. 9)
  - Joint meeting with SimSub
  - Date/time, agenda to be finalized soon



# ITE SimCap Committee

- Upcoming ITE webinar
  - Apr. 28, 1:00 – 2:30p CST

<https://bit.ly/3LyENZ5>



## Traffic Simulation Through the Decades

- *Presentation #1 - Traffic Simulation in the 1970s and 1980s*



Mark Yedlin, Director of Simulation Modeling Services | Greenman-Pedersen, Inc. | New York City, NY, United States

- *Presentation #2 - Traffic Simulation in the 2000s*



Karl Wunderlich, Director, Surface Transportation Systems Division | Noblis | Washington, DC, United States



John Halkias, P.E., FHWA Team Leader of Innovative Operations Strategies (Ret'd) | Columbia, MD, United States

- *Presentation #3 - Current Initiatives, Recent FHWA-sponsored TAMS Research - Trajectory-Level Data*



Rachel James, Research Civil Engineer | FHWA | McLean, VA, United States

# TRB Standing Committee on Traffic Simulation

- Held 2022 TRB Annual Meeting events
  - ACP80 committee meeting (Jan. 11)
  - ACP80 lectern session (Jan. 11)
  - SimSub meeting (Jan. 11)
  - ACP80 poster sessions (Jan. 10-12)
- Summer meeting, workshop anticipated



# TRB Joint Simulation Subcommittee (SimSub)

- Held annual meeting (Jan. 11)
  - Provided 2021 “year in review”
  - Liaison committee updates
- Upcoming meeting (Jun. 9)
  - Joint meeting with ITE SimCap
  - Date/time, agenda to be finalized soon
- Task group activities
  - User Needs: disseminated annual survey
  - Resources: repository of resources



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<https://bit.ly/3tzcSSU>



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[simcap.eng.lsu.edu/simsub](https://simcap.eng.lsu.edu/simsub)





# Local Updates

- FHWA Louisiana Division Office
- LaDOTD
- Louisiana MPOs/Planning Commissions
- Other



# Contact Information

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**Julius Codjoe**  
*LTRC*





# Thank You for Attending!

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