

NEW YORK STATE ASSOCIATION OF METROPOLITAN PLANNING ORGANIZATIONS

2019 CONFERENCE

Marriott Syracuse Downtown
July 15 - July 18, 2019

PROGRAM



New York State Association of Metropolitan Planning Organizations

A/GFTC BMTS CDTC DCTC ECTC GBNRTC GTC HOCTS ITCTC NYMTC OCTC SMTc UCTC WJCTC

New York State MPO Directors

Aaron Frankenfeld

Adirondack/Glens Falls
Transportation Council

Jennifer Yonkoski

Binghamton Metropolitan
Transportation Study

Michael V. Franchini

Capital District
Transportation Committee

Mark Debald

Dutchess County
Transportation Council

Nicolette Wagoner

Elmira – Chemung
Transportation Council

James Stack

Genesee Transportation
Council

Hal Morse

Greater Buffalo-Niagara
Regional Transportation
Council

Dana Crisino

Herkimer-Oneida Counties
Transportation Study

Fernando de Aragón

Ithaca-Tompkins County
Transportation Council

Gerry Bogacz/ Debra Nelson

New York Metropolitan
Transportation Council

David Church

Orange County
Transportation Council

James D'Agostino

Syracuse Metropolitan
Transportation Council

Dennis Doyle

Ulster County
Transportation Council

Scott Docteur

Watertown-Jefferson
County Area
Transportation Council

www.nysmpo.org

Dear 2019 NYSAMPO Conference Attendee,

Welcome back to Syracuse! Significant changes have occurred across the transportation landscape since the last NYSAMPO conference in 2017. Technology applications in transportation, shared mobility options, and the availability of Big Data have all expanded greatly in that time. This conference will allow you to gain additional insights and further understanding on these and the other major issues impacting metropolitan regions in New York State and beyond, as well be a time to reconnect with colleagues and meet new ones. The diversity of topics covered in the sessions along with the technical training and plenary speakers is a testament not only to the important role the New York State metropolitan planning organizations serve, but also the talent and dedication of their members, staffs, and partners.

Safe, efficient, and reliable transportation is a key determinant to the economic success and quality of life in all communities. The work done by New York State's metropolitan planning organizations is critical to ensuring that limited resources are put to the highest and best use based on thoughtful analysis, public engagement, and transparent governance. NYSAMPO is nationally-recognized as a model for collaboration at the statewide level, allowing the 14 metropolitan planning organizations in New York State and our Federal and State partners to share information, learn from each other, and achieve more together than we could in isolation.

On behalf of NYSAMPO, I would like to thank my staff at the Syracuse Metropolitan Transportation Council for hosting the conference and all the hard work that needs to happen to make sure a conference is both informative and enjoyable.

I invite each of you to think of this event as an opportunity to not only learn but converse on how regional transportation policy, planning, and investment decision making in New York State can be improved in the future.

Thank you for your participation and enjoy the NYSAMPO 2019 Conference!

Sincerely,

James D'Agostino
Association Chair



CONFERENCE SCHEDULE MONDAY

7:30 am

8:00

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Registration Open
Finger Lakes Foyer

**Monday activities for MPO, NYSDOT,
FHWA, & FTA staff only.**

Directors Group In-Person Meeting

1:30pm - 4:30pm

Hemlock Room

Working Group Meeting
**Joint Safety/Bicycle
& Pedestrian**

3:00pm - 5:00pm

Skaneateles Court

Working Group Meeting
**Joint Climate
Change/TSMO**

3:00pm - 5:00pm

Cayuga Court

Syracuse Bike Share Mobile Workshop

5:30pm - 6:30pm

(Pre-registration required)

[SESSION INFORMATION - MONDAY]

2019 NYSAMPO Conference
Syracuse, NY



Working Group Meetings

Safety/Bicycle & Pedestrian

**Climate Change/
Transportation System Management & Operations**

Joint meetings of select NYSAMPO Working Groups are being held to discuss items of mutual interest with the goal of identifying opportunities to maximize resources through increased integration of related topics and information sharing between MPOs, NYSDOT, & Federal partners.



Syracuse Bike Share Mobile Workshop

Paul Colabufo, Gotcha

This interactive workshop will introduce attendees to Gotcha Mobility, provider of the SYNC bike share system for the City of Syracuse. The workshop will include an overview of the process of establishing the SYNC system, a brief ride on the new bikes, & a question & answer session led by the Syracuse Community Manager, Paul Colabufo.





CONFERENCE SCHEDULE

TUESDAY

7:30 am

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Registration Open
Finger Lakes Foyer

Registration
Open



Breakfast (7:30 - 8:15)
Persian Terrace

Welcome & Opening Remarks (8:15am - 8:30am)

James D'Agostino, SMTC/NYSAMPO

Rick Marquis, FHWA NY Division Administrator

Plenary Session (8:30am - 10:00am)

Alain Kornhauser/SmartDrivingCars

Skaneateles Court



Break (10:00 - 10:30)

Panel Session 1A
**Smart Trans. & Evolving
Technologies 1**
10:30am - 12:00pm
Otisco Court

Panel Session 1B
Asset Management
10:30am - 12:00pm
Cayuga Court



Lunch (12:00 - 1:00)
Persian Terrace

Plenary Session (1:00pm - 2:30pm)

**Jose Holguin-Veras & Peter Plumeau/
Sustainability, Impacts & Implications in
Freight Transportation**

Skaneateles Court



Break (2:30 - 3:00)

Panel Session 2A
Mobility as a Service 1
3:00pm - 4:30pm
Skaneateles Court

Panel Session 2B
**Practical Long Range
Planning**
3:00pm - 4:30pm
Cayuga Court

Panel Session 2C
**Smart Trans. & Evolving
Technologies 2**
3:00pm - 4:30pm
Otisco Court

Break (4:30 - 5:00)



Reception with Food
and Beverages
(5:00 - 7:00)
Persian Terrace



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SmartDrivingCars

Alain Kornhauser, Princeton University

This presentation will build on Dr. Kornhauser's 2017 presentation, *Automated Vehicles: What, Why & When*, to try to remove some of the mystique & confusion around automated vehicles. As autonomous vehicles approach widespread adoption, it's critical that diverse groups collaborate on policies & other measures that ensure the technology benefits people most in need of transportation.



Smart Transportation & Evolving Technologies 1

Moderated by Meghan Vitale, SMTC

Emerging Technologies in the St. Louis Region

Peter Koeppel, East-West Gateway Council of Governments

Recently, East-West Gateway Council of Governments completed a study on the potential impacts of new & emerging transportation technologies on the St. Louis region specifically & on the metropolitan transportation planning process more generally. Additionally, the session will provide an overview of AMPO's recently released National Framework for Regional Vehicle Connectivity & Automation Planning.

New Technologies, Old Social Problems, & the Urban Landscape

Jamie Winders, The Maxwell School of Syracuse University

Presentation will focus on the overarching questions that planners need to keep in mind as they plan for emerging technologies.

Genesee-Finger Lakes Regional Transportation System Management and Operations Strategic Plan

Joseph Bovenzi, GTC

The Genesee Transportation Council (GTC) completed a new Transportation System Management & Operations (TSMO) strategic plan in 2018. This presentation will provide attendees with insights on the plan development process including community participation, key findings & policy recommendations, & the integration of emerging services and technologies into traditional Intelligent Transportation Systems (ITS) planning.



Asset Management

Moderated by Richard Perrin, T.Y.Lin International

Bridge Performance Measures

Keith Gager, NYSDOT

Federal transportation performance management (TPM) requirements include the assessment of the condition of National Highway System (NHS) bridges & the setting of targets regarding their future condition. The national performance measures for bridges will be defined along with an explanation of the target setting process & associated procedures. A

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discussion of the target values for NHS bridges in New York State that were submitted to FHWA will demonstrate how the TPM requirements have been met by the State.

Federal Pavement Performance Measures & Target Setting **Russell Thielke, NYSDOT**

This presentation will provide a summary of the pavement performance measures & target setting requirements in 23 Code of Federal Regulations Part 490 Subpart C. It will also address target setting complications due to the differences between standard pavement management practices & the federal requirement & target setting approaches used & target values submitted to FHWA.

Strategic Divestment as an Asset Management Technique **James Stack, GTC**

As various transportation assets come to the end of their useful life, alternative treatments must be considered. The traditional approach is generally to replace in-kind; however, removal may be a more cost-effective option. Do today's circumstances warrant yesterday's design? This presentation explores the concept of removing assets in a strategic way as part of an overall asset management strategy.



The Quest for Sustainable Urban Logistics in an Era of Rapid (and Unpredictable) Technological Change

Jose Holguin-Veras, Rensselaer Polytechnic Institute/Volvo

Today's is an era of profound economic & technological transformation that has had a major impact on transportation systems. It suffices to say that Internet deliveries to households--one of these trends--has more than doubled the freight activity in metropolitan areas creating a major challenge to sustainability. In this talk, Professor Holguín-Veras will discuss recent trends in freight trip generation, & will outline an action plan to maximize the benefits of these new developments, & mitigate the corresponding negative effects.

Planning for Freight in the Face of Disruption & Uncertainty: Drawing Conclusions Instead of Blanks

Peter Plumeau, EDR Group, an EBP Company

MPOs & partner agencies face a growing need to account for risk & resiliency considerations precipitated by external factors outside of their control – including shifts in industry technologies, global trade, regulation, & climate. These factors are introducing transformational change in freight travel demand, as well as potential disruptive changes in the operational effectiveness of freight movement facilities and networks. Transportation investments need to consider these uncertainty factors, since failure to do so can result in stranded investments (where facilities & capacity are in the wrong place), as well as system failures (where there is insufficient capacity

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or undue dependence on individual infrastructure elements). Both can have adverse consequences for economic development & vitality. This presentation will illustrate how alternative economic futures can shift future regional economic development & trade, as well as relative demand for various airports, seaports & highway corridors, with a New York State focus.

2A

Mobility as a Service 1

Moderated by Dana Crisino, HOCTS

Future Mobility Planning

Steven Gayle, RSG, Inc.

In this era of rapidly evolving methods for personal mobility and transport of goods, MPOs are challenged to find the right planning application to address needs. The planning horizon for the Long Range Transportation Plan is too distant. This presentation outlines a Future Mobility Plan process that is rigorous, short-term, & strategic, facilitating identification of program and project investment opportunities.

Transportation Network Company Impacts

Scott Le Vine, Transpo Group

This session will survey the rapidly evolving Transportation Network Company landscape, including the state-of-knowledge regarding their impacts & efforts to incorporate them into Travel Demand Models.

2B

Practical Long Range Planning

Moderated by Mark Debald, DCTC

Moving Forward 2050

Kelly Dixon, GBNRTC

In an increasingly graphic oriented world of sound bites & 140 characters, how do planners effectively develop Long Range Transportation Plans (LRTPs) that resonate & effectively communicate with the public while still meeting all federal requirements for LRTPs? In this session, GBNRTC will share elements of their Moving Forward 2050 plan & how they attempted to meet the multiple & sometimes competing goals that MPOs face during the LRTP planning process.

Past & Future Population Trends

Jan Vink, Cornell University Program on Applied Demographics

This presentation highlights some trends in the resident population & breaks the change in population out in the components of: births, deaths, & migration. The changing age composition stands central in this presentation, as it is an important aspect for demographics change & for planning purposes.

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Performance Management in Long Range Planning

Rich Denbow, Cambridge Systematics

The new federal performance management requirements are upon us. This session will present approaches MPOs are taking to meet the federal requirements & transition to a performance-based planning process while also considering regional priorities, & will address some of the questions that arise: How do we evolve our current planning process to be more performance-based? How do short term performance targets get us closer to longer term goals? And, how can my MPO align our priorities with the national measures?



Smart Transportation & Evolving Technologies 2

Moderated by Joseph Bovenzi, GTC

New York State's Investment in Transportation Innovation

Adam Ruder, New York State Energy Research & Development Authority

New York State is a leader in developing & introducing new innovations into the transportation system. New York State Energy Research & Development Authority (NYSERDA) will speak about its current research priorities & recent successful & ongoing R&D projects related to electric vehicles, public transportation, mobility management, & freight.

Automated Mobility Through the Lens of the Mobility-Energy Productivity Metric

Stanley Young, National Renewable Energy Laboratory

The National Renewable Energy Lab developed a metric that assesses the efficiency of a multi-modal transportation system to connect citizens to a variety of goods, services, & employment that define a high quality of life. The metric, called Mobility-Energy Productivity (MEP) index, quantifies the opportunities reachable in a set travel time, with respect to affordability & energy. The presentation presents the tenets of the MEP, & presents early outcomes applying MEP to metropolitan areas, assessing both existing & new modes of travel.

ESRI Drone2Map Demonstration

Jeff Quackenbush, HOCTS

This presentation will go through the steps necessary to create photogrammetric products from drone imagery and ground control points. Data products such as orthoimagery, digital terrain models, point clouds, & contours will be created as part of the demonstration.



Please join us
Tuesday for the
Conference Reception
in the
Persian Terrace
from 5:00pm - 7:00pm.



(Reception tickets are
located in your name
badge holder.)



CONFERENCE SCHEDULE

WEDNESDAY

7:30 am

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Registration Open
Finger Lakes Foyer



Breakfast (7:30 - 8:15)
Persian Terrace

Plenary Session (8:30am - 10:00am)
James Bradbury/The Transportation & Climate Initiative - Developing a Regional Policy for Low-Carbon Transportation
Skaneateles Court



Break (10:00 - 10:30)

Panel Session 3A
Big Data & Analytics
10:30am - 12:00pm
Skaneateles Court

Panel Session 3B
Safety
10:30am - 12:00pm
Cayuga Court

Panel Session 3C
Mobility as a Service 2
10:30am - 12:00pm
Otisco Court



Lunch (12:00 - 1:00)
Persian Terrace

Panel Session 4A
Public Transportation
1:00pm - 2:30pm
Otisco Court

Panel Session 4B
Funding & Finance
1:00pm - 2:30 pm
Cayuga Court



Break (2:30-3:00)

Panel Session 5A
Public Engagement Concepts & Approaches
3:00pm - 4:30pm
Otisco Court

Panel Session 5B
Active Transportation & Public Health
3:00pm - 4:30pm
Cayuga Court

Registration Open
Finger Lakes Foyer

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The Transportation & Climate Initiative -- Developing a Regional Policy for Low-Carbon Transportation

James Bradbury, Georgetown Climate Center

The Georgetown Climate Center facilitates the Transportation & Climate Initiative (TCI), which is a coalition of energy, environment, & transportation agencies from 12 northeast & mid-Atlantic states & the District of Columbia. While this state-led initiative began in 2010, the effort to design a regional program started more recently, after public listening sessions in 2018, & a growing recognition that transportation emission cuts are needed for states to achieve their carbon reduction goals.

In December 2018, ten TCI jurisdictions announced plans to "design a regional low-carbon transportation policy proposal that would cap & reduce carbon emissions from the combustion of transportation fuels ... & allow each TCI jurisdiction to invest proceeds from the program into low-carbon & more resilient transportation infrastructure." TCI jurisdictions have committed to propose a program by the end of 2019 & this involves convening state officials, hosting workshops to enable public dialogue & building a common understanding of policy design options, & the potential implications of a program for communities & economic sectors across the region.



Big Data & Analytics

Moderated by Jason Deshaies, SMTC

The Wheel of Big Data & Transportation Problem Solving Paul Ruggeri, StreetLight Data, Inc.

"Save Time and Money" & displace current data collection methods. For example, using big data to create a comprehensive origin-destination dataset to seed your travel demand model – but it will take 9 minutes instead of nine months to collect, compile & expand the data. "Go Bigger" - Analyze things at a scale that previously would have been impossible. For example, you can measure the differences in transportation access for different economic groups for EVERY neighborhood in your city – not just one. "Going Beyond" - This means getting into the analytics of new & emerging modes & new behaviors or using analytics in new ways. It means things like scanning every road in your city to see where the optimal place for a new bike lane or bus is ... & using that to guide your planning process, or exploring how flying cars might be deployed. No part of this wheel is better or more important than the rest – they all need to work together.

Congestion, Reliability & Incidents: NYSDOT's NPMRDS Analysis Tools

Alex Muro, SUNY AVAIL

The New York State Department of Transportation & the New York State Association of MPOs have been coordinating on a project to visualize the National Performance Management Research Data Set (NPMRDS). This has resulted in a web-based congestion, reliability & incident analysis tool developed by UAlbany's Albany Visualization and Informatics Lab

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(AVAIL). AVAIL will provide an in-depth tour of the tool suite through a series of transportation planning case-studies from across New York State. AVAIL will discuss the communicable value of the various performance measures contained within the tool.

Census Based Transportation Data for the Everyday MPO Practitioner

Catherine Lawson, SUNY AVAIL on behalf of the American Association of State Highway Transportation Officials

This large cut of Census' American Community Survey (ACS) data is ideal for your LRTP, rich with demographic data, lots of workplace data, & the flow from home to work by mode; come see what's in the data set, the many types of analyses that can be done, & how to get it (Hint: it's FREE and ONLINE!)



Safety

Moderated by Sandy Misiewicz, CDTC

Safe Systems

Nicole Waldheim, Cambridge Systematics

Other countries have been employing safe systems concepts to limit the severity of crashes, with a great deal of success. In this session you will learn how a safe system is defined, view examples of safe systems, & understand the opportunities & challenges to integrate these concepts in the transportation planning process.

Vision Zero Safety Innovations

Eric Hathaway, City of Ithaca

This presentation will provide an overview of the innovative Vision Zero safety strategies & how they are being implemented in New York State.

Pedestrian Safety Strategies in Vision Zero:

Lessons from New York City

Julia Kite-Laidlaw, NYCDOT

New York City adopted Vision Zero as citywide policy in 2014, & since then has seen five consecutive years of declining fatalities, bucking the national trend. This session will detail the toolkit of interventions used by the New York City Department of Transportation & the Vision Zero Task Force to enhance safety in line with the principle that deaths & serious injuries are preventable.



Mobility as a Service 2

Moderated by Fernando de Aragón, ITCTC

Ride Livingston:

A Mobility Management Website for Trip Planning

Megan Crowe, Livingston County Planning

The Livingston County Transportation Connectivity Plan, completed in

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December 2013, identified that the County's quality of life, mobility & economic vitality are dependent upon improved integration of land use & transportation planning. One solution implemented is from the Connectivity Plan by the Public Transportation Work Group to increase awareness of transportation options through a public transportation mobility management website called Ride LivIngston, (<http://ridelivingston.com/>). The mobility management portal is a single point-of-entry information system that allows the general public & agency staff to obtain information on securing transportation service from one location to another. In response to the user's point of origin, destination, time preference, trip purpose, & preferred transportation mode(s), the website will display trip alternatives & details, including the name of the transportation provider & contact information for each proposed alternative. The Livingston County Connectivity Plan received national recognition by the FHWA & FTA in the agencies' 2015 Transportation Planning Excellence Awards for the commitment to addressing public transportation needs in a rural county.

Challenges of Planning Mobility-as-a-Service-for-All

Dwight Mengel, Tompkins County

In 2018, the Federal Transit Administration selected Tompkins County's Mobility-as-a-Service Proposal as one of six participants in its Mobility On Demand On-Ramp Program. The County's MaaS proposal addresses mobility challenges & opportunities in small urban and rural communities.

NY First & Last Mile – Micromobility Solutions

Jeff Goodmark, Lime

Introduction to Mico-mobility & First and Last Mile Solutions for NYS.



Public Transportation

Moderated by Mario Colone, SMTTC

BRT & Microtransit

Carm Basile, Capital District Transportation Authority

CDTA operates the only Bus Rapid Transit (BRT) line in upstate New York; two more are in the planning stages & will be operational in the next year. Micro Transit merges the best practices of ride sharing & regular route transit services. Carm Basile, CDTA's CEO, will provide highlights of both services & their growing popularity in New York's Capital Region.

Extending the Reach of Transit:

Strategies & Tactics for Facilitating Bicycle Connections

Dan Suraci, Urban Cycling Solutions

The transportation landscape is changing rapidly, as customers are faced with an increasing suite of mobility options to choose from. Bicycles represent an ideal mode of transportation for short trips, particularly within the 1-3 mile transit station catchment area. Building these connections is not only a strategy for increasing transit's competitiveness, but also enables more equitable mobility with the potential to increase ridership. Bicycles can also be used as a tool for agencies to mitigate operational challenges such as a potential reduction in demand for automobile parking on transit

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property. This session will focus on the American Public Transportation Association's (APTA) recently published guide for Bicycle & Transit Integration providing a discussion of key considerations, strategies & tactics for integrating bicycles with transit service in rural & urban areas alike. Discussion will include detailed case studies from transit agencies across North America on bicycle parking at transit, bicycles onboard transit vehicles, bike share integration, safe routes to transit, communications with customers, & demand management.

Reimagine RTS:

A Total Redesign of the Transit System in Monroe County

Julie Tolar, Regional Transit Service

The public transit system in Monroe County was designed decades ago when downtown Rochester was the center of the community from every perspective. Since then, changes have occurred in demographics, employment centers, mobility options (bike sharing, car sharing, ride sharing & vanpools), & technology, & this has created a new reality for public transit. This presentation will discuss the Reimagine RTS planning process, currently underway, that will change the fixed-route transit system to better meet the changing needs of the Rochester region.



Funding & Finance

Moderated by Richard Perrin, T.Y. Lin International

Building a Sound Fiscal Future for NYS Transportation

Patrick Orecki, Citizens Budget Commission

The deteriorating purchasing power of existing dedicated revenues for transportation contributes to New York State deferring 40 percent of the work required to maintain a state of good repair on its roadways. This leads to New Yorkers driving more mileage on poor roads & bridges. This presentation describes the State's transportation revenue problem & examines alternatives, including the feasibility of a vehicle-miles traveled (VMT) fee.

New York State Transportation Funding Outlook

Ron Epstein, NYSDOT

New York State has made historic investments in transportation across all modes in recent years. This has been accomplished despite uncertainty in available funding at the federal level. How New York State is addressing the fiscal requirements of aging infrastructure & working to provide a system that meets the current and future needs of businesses, residents, & visitors will be discussed along with the State's positions on proposed policies & legislation at the national level.

Policy Update and AMPO Policy Positions

DeLania Hardy/Levon Boyagian, Association of Metropolitan Planning Organizations

The presentation provides an update on federal legislative developments in transportation, AMPO's current policy positions for a possible reauthorization or continuation of Fixing America's Surface Transportation Act, & other proposed legislative and regulatory activities of interest to MPOs.

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5A

Public Engagement Concepts & Approaches

Moderated by Aaron McKeon, SMTC

Public Engagement Approaches

Tanya Zwhalen, Highland Planning

Presentation will focus on developing a stakeholder engagement framework & how to design a process that responds to an organization's goals.

Case Example of One Approach – Oneida County Vision 2020

Carrie McMurray, Paige Marketing Communications Group, Inc.

Vision 2020 is a collaborative approach that has included over 100 public & private sector volunteers consisting of four committees: Education & Training, Access to Opportunity, Housing, & Transportation. The Transportation Committee is promoting new & creative ways to solve transportation challenges by addressing connectivity in & out of the county, accessibility, & alternative modes of transportation.

Messaging and How to Present It

John Lacey, Mower

This session will cover the ways professionals can design and deliver messages & talking points to a variety of audiences. Whether you need help preparing for an open house, public meeting or media interview this session is designed to help you get your point across effectively & with the greatest impact.

5B

Active Transportation & Public Health

Moderated by Danielle Krol, SMTC

Advancing Health Informed Decision-Making through Health Impact Assessments

Benjamin Woelke, Common Ground Health

Learn about how community infrastructure initiatives in transportation, built environment, housing, & other sectors play a role in addressing social determinants of health, & how conducting a Health Impact Assessment (HIA) can lead to improved health outcomes in your region. With 430 HIAs conducted across the United States, only 7 have been published within New York State to date. Learn more about how to improve the health of your region with a key example of collaboration from a NYS MPO - the Genesee Transportation Council & Common Ground Health, who partnered together to conduct HIA's on the Genesee Valley Greenway & the City of Rochester's Bike Share.

The Empire State Trail

Andy Beers, Hudson Valley Greenways

This session will provide an overview of New York State's Empire State Trail, which when completed in 2020 will be a 750-mile bicycling & walking trail from Buffalo to Albany & New York City to Canada. Topics will include the

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project's goals, the trail route, engineering challenges, collaborations with local governments, & promotion & marketing strategies.

Capital District Trails Plan

Jen Ceponis, CDTC

The Capital District Trails Plan proposes a vision of a seamlessly connected network of over 200 miles of multi-use paths & on-road connections that will knit almost all of the region's communities together. The plan was developed with trail count & survey data collected in 2016, as well as feedback received through innovative online engagement & a number of in-person public & stakeholder meetings. It includes best practices for trail management & maintenance, economic impacts of the existing & proposed trail network, & branding and marketing guidelines.





CONFERENCE SCHEDULE

THURSDAY

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6:00 pm

Registration Open
Main Lobby



Breakfast (7:30 - 8:00)
Persian Terrace

Training 1
**Improved & Emerging
Techniques for Traffic
Modeling**
8:00am - 12:00pm
Empire Room
(10th Floor)

Training 2
**Virtual Public
Involvement
Techniques**
8:00am - 12:00pm
Persian Terrace

**Thursday activities for MPO, NYSDOT,
FHWA, & FTA staff as well as MPO
member agency representatives.**

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Training

Improved & Emerging Techniques for Traffic Modeling

Paul Ricotta, Caliper

Howard Slavin, Caliper

Caliper will provide a presentation-style training session on improved & emerging techniques for traffic modeling. Basic principles of traffic modeling will be introduced & explained with a focus on practice-ready insights from recent research. The use of available big data sources will be discussed & illustrated. Traffic models of interest range from more accurate static traffic assignment models, HCM-based & other analytical models, as well as mesoscopic, microscopic, & hybrid simulation models. Dynamic Traffic Assignment with simulation methods will be explained & demonstrated. Findings from several SHRP2 projects & other U.S. DOT research focused on MPO modeling efforts will be referenced & sources will be identified for further consultation. Guidance will be offered for choice of methods for different planning applications ranging from regional travel demand model to corridor level, work zone, & intersection level analyses. The types of outputs available & visualizations thereof will be presented. The session will be of interest to planners & modelers as well as their managers who will obtain a good sense of what can be achieved in MPO work.



Training

The Federal Highway Administration's (FHWA) Every Day Counts 5 (EDC-5) Virtual Public Involvement (VPI) Initiative

Scott Allen, Federal Highway Administration

This session will highlight the latest innovations & strategies in public involvement that fosters two-way communication between transportation agencies & the public. Using VPI tools enhances & broadens the reach of public engagement efforts by making participation more convenient, affordable, & enjoyable for greater numbers of people. FHWA & national experts will join local practitioners in sharing their experiences, challenges, & opportunities in taking public involvement into the 21st century.





**NYSAMPO is partnering with the
NY Upstate Chapter of the
American Planning Association for
the provision of AICP Certification
Maintenance credits for this
conference.**

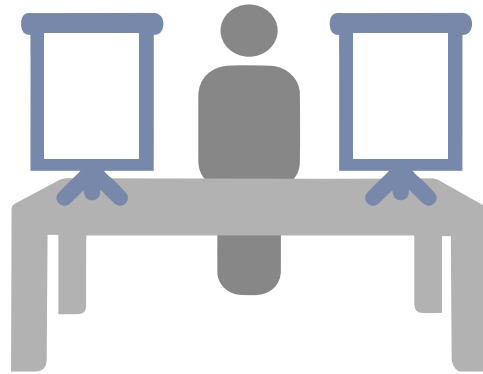
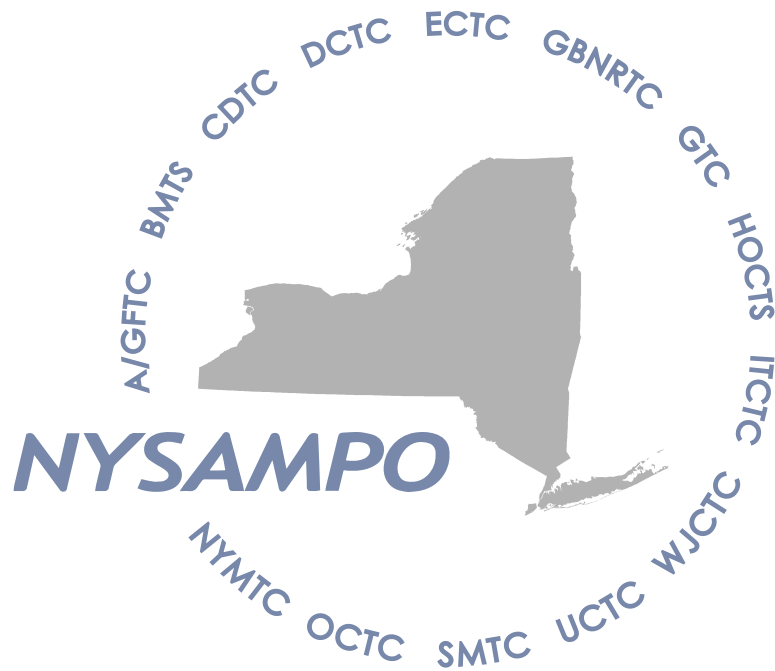


**Certification
Maintenance**



American Planning Association
New York Upstate Chapter

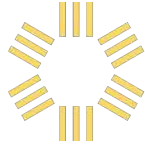
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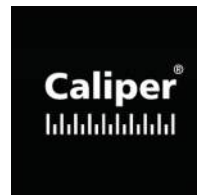
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