

**NEW YORK STATE ASSOCIATION OF
METROPOLITAN PLANNING
ORGANIZATIONS**

2017 CONFERENCE

PROGRAM

**The New York State Association of
Metropolitan Planning Organizations
(NYSAMPO)
2017 Conference
June 19 – 21, 2017
Marriot Downtown Syracuse**

Training Classes include:

Combating Roadway Departure Crashes
Signal Timing & Traffic Engineering Principles
Messaging and How to Present It

Technical Sessions include:

Safety Challenges with Rural Roads & Slow-Moving Vehicles
Planning for Resiliency
New Models of Urban Mobility
The Role of the MPO in Transportation Asset Management
Focusing on Pedestrians & Bicyclists: Oh the places we can go!
Transportation Technology
What's New in Statewide Planning
Data: New Sources, New Tools
Environmental Justice Considerations
Long Range Plans in an Uncertain World
Performance-Based Planning



CONFERENCE SCHEDULE

MONDAY

7:30 am

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Registration Open
Finger Lakes Foyer

Training
**Combating Roadway
Departure Crashes**
(Cornell Local Roads Program)
7:45 am - 3:30 pm
Skaneateles Court



Lunch
(11:00-12:00)

Persian Terrace

Registration Open
Finger Lakes Foyer

Training
**Combating Roadway
Departure Crashes**
(Cornell Local Roads Program)
7:45 am - 3:30 pm
Skaneateles Court

Working Group
1A & 2A
**Modeling/
Climate Change**
(Joint & Separate
Meetings)
3:00 pm - 6:00 pm
Otisco Court,
Skaneateles Court

Working Group 1B
Transit
3:00 pm - 4:30 pm
Cayuga Court

Working Group 2B
Safety
4:30 pm - 6:00 pm
Cayuga Court



SESSION INFORMATION

MONDAY

Training



Combating Roadway Departure Crashes

 **David P. Orr, P.E., Cornell Local Roads Program**

This course provides participants with some tools for addressing roadway departure crashes. Topics covered in this course include a discussion of engineering countermeasures as well as implementation strategies.

Working Group Meetings



Modeling/Climate Change



Joint working group meetings followed by separate meetings.



Transit



Safety



CONFERENCE SCHEDULE

TUESDAY

8:00 am

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Registration Open
Finger Lakes Foyer



Breakfast (8:00-9:00)
Persian Terrace

Training
**Signal Timing &
Traffic Engineering
Principles**
(Fisher Associates)
9:00 am - 12:00 pm
Otisco Court

Training
**Messaging and
How to Present It**
(Eric Mower
+ Associates)
9:00 am - 12:00 pm
Cayuga Court

Lunch
(12:00-1:30)



Welcome & Opening Remarks
**James D'Agostino (SMTIC), David Smith (NYSDOT),
& Michael Canavan (FHWA)**
Plenary Session
Meghan Cook/Building Smarter Cities
Persian Terrace

Registration Open
Finger Lakes Foyer

Technical Session 1A
**Safety Challenges with
Rural Roads &
Slow-Moving Vehicles**
1:30 pm - 3:00 pm
Otisco Court

Technical Session 1B
Planning for Resiliency
1:30 pm - 3:00 pm
Cayuga Court



Break (3:00-3:30)

Technical Session 2A
**New Models of Urban
Mobility**
3:30 pm - 5:00 pm
Otisco Court

Technical Session 2B
**The Role of the MPO in
Transportation Asset
Management**
3:30 pm - 5:00 pm
Cayuga Court

Break (5:00-5:30)



Reception with Food
and Beverages
(5:30-7:00)
Grand Ballroom





SESSION INFORMATION

TUESDAY

Training



Signal Timing & Traffic Engineering Principles

 **Tim Faulkner, P.E., Heath Lagoe, P.E., & Lorenzo Rotoli, P.E.**
(Fisher Associates)

This course will allow the attendee to learn about traffic engineering and the types of studies and methodologies that are used in the normal course of performing different types of traffic studies. Participants will also learn about the elements of traffic signal timing, vehicle detection, the different types of traffic signal operation and signal timing parameters.



Messaging and How to Present It

 **Greg Loh, APR, OMCP. Eric Mower + Associates**

Strategic messaging is critical to communications success in today's fast-paced, attention-starved world. This session will discuss messaging and message delivery in an interactive way to give audience members opportunities to ask questions, review their own communications challenges, and participate in role play exercises. Participants will leave with specific techniques to organize their thinking and information in ways that create persuasion, empathy and credibility, and with knowledge on how to deliver those messages in a variety of settings (i.e. media interviews, one-on-one discussion, group meetings).

Plenary Session



Smarter Cities

Building Smarter Cities: Trends, Examples, Research, & Lessons Learned

 **Meghan Cook, Center for Technology in Government at the University of Albany**

The Center for Technology in Government (CTG), an award winning applied research center at the University at Albany, is a first-of-its-kind innovative model of public-private partnerships where government, academia, and the corporate community work together to solve the complex problems facing society. One of CTG's key priorities is working with cities to help them develop and execute sustainable innovation agendas and partnering with small to medium-sized cities to help them meet the challenges of becoming "smarter." Through both practitioner and academic engagements, CTG has helped cities define and carry out their digital transformation efforts. This presentation will share trends, examples, and lessons learned in the "smarter" cities effort. Moderated by James D'Agostino.



SESSION INFORMATION

TUESDAY

1A

Safety Challenges with Rural Roads & Slow-Moving Vehicles

In a State where the highway network bisects the vast rural area and creates ties to the urban centers, unique safety challenges become the forefront of concern for the traveling public. Slow-moving vehicles, farm vehicle, UTVs, and horse and buggies that support the growing agricultural economy in NYS, all use the highway network but how do we share the road with them? Many times addressing safety in the rural highway network requires a back-to-basics, grass roots approach, one-on-one conversations and communities coming together to make their roads safer. This session will explore these topics from the Law Enforcement perspective and open the conversation on how partnerships among agencies, communities, and neighbors are needed to ensure roadway safety for all. Moderated by Dana Crisino, HOCTS.

Slow-Moving Vehicles and Highway Safety

 **Sgt. Bernie Kennett, New York State Police**

The NYS Trooper perspective on Slow Moving Vehicles highway safety. Topics will include "farm vehicles", UTVs, DMV guidance, Vehicle and Traffic law, and Amish/Mennonite impacts on our highway system. A focus will be on the safety challenges and opportunities that are present on the rural highway system. The discussion will include real-world examples of the good and bad interactions happening throughout NYS on the rural portion of the highway system with the focus being on actions that can be taken by all users of the roadways to enhance safety.

Rural Roadways Safety Challenges

 **Sheriff Robert Maciol**

A local community based policing perspective from the Oneida County Sheriff (a central NY county). This presentation will outline what can be done on the local, one-on-one level, to impact the safety of users on all the roadways. Discussion will include some unique safety issues throughout Oneida County, including the interaction between horse and buggies and motor vehicles in rural and urban settings with the focus being on how to promote understanding of other modes between all users of the roadway system.



SESSION INFORMATION

TUESDAY

1B

Planning for Resiliency

Buildings, plans, economies, and cities are expected to be resilient to unforeseen externalities in a world of rapidly changing technology, but more importantly, climate. How can planners help prepare their communities for increased water temperatures, increased frequency and intensity of extreme weather events, and rising sea levels? Presenters will discuss tools they have developed to assist in their resiliency planning efforts and best practices in resiliency planning based on real-world post-storm recovery efforts in New York State and the Northeast. Moderated by Jen Ceponis, CDTC.

Assessing Transportation Asset Vulnerability to Hazard Impacts in the Genesee-Finger Lakes Region Joe Bovenzi

This presentation will offer attendees a discussion of the Genesee-Finger Lakes Regional *Critical Transportation Infrastructure Vulnerability Assessment*, a project that analyzed the vulnerability of transportation assets to various hazards and identified solutions for mitigating hazard impacts on those assets. Focus will be on all key phases of the planning process, including interagency coordination, inventory preparation, hazard extent, impact mapping/identification, asset vulnerability analysis, hazard prevention, and mitigation strategy development. Attendees will take away lessons, best practices, and observations that they can apply to similar projects in their own communities.

Planning for Resiliency; Insights from the Green Mountain State

 Richard Tetreault

Sharing lessons learned in Resiliency from a 32-year career at the Vermont Agency of Transportation with hopes that attendees do not have to learn them on their own - the hard way.

Resilient By Design – Post-Sandy Design Guidelines & Practice at PANYNJ Sarah Hammitt, AICP

The Port Authority (PA) of New York & New Jersey owns and operates a wide range of multimodal transportation assets and real estate holdings throughout the greater New York City region. To manage climate change-related risks, the PA has implemented engineering guidelines and standards for designing and delivering climate resilient infrastructure projects, with particular emphasis on balancing cost-effectiveness and risk aversion in the face of uncertain future climate outcomes. Ms. Hammitt will present the guidelines (including the impetus for their development), provide examples of implementation successes and challenges, and provide insights into how the guidelines are expected to evolve in the near future.



SESSION INFORMATION

TUESDAY

2A

New Models of Urban Mobility

Transportation and transit planners are continually seeking methods to improve mobility options for users of the transportation system in the paradigm of urban mobility. An array of emerging models, such as public-private sector coordination, technology based applications, various shared mobility concepts (i.e., bikesharing, carsharing, ridesharing) and efficient public transit are becoming more prevalent throughout metropolitan areas. This session will highlight a number of programs and technological activities used in varying geographic scales: neighborhood, city/metropolitan area, and statewide.

Moderated by Mario Colone, SMTc.

Public-Private Partnerships with On-Demand Services Through Public Transit 🗣️ **Frank White III**

Lessons learned from the Kansas City Area Transportation Authority's Bridj pilot and how they applied those lessons to the development and successful implementation of RideKC Freedom.

SmartTrips Ithaca Individualized Marketing Campaign 🗣️ **Jennifer Dotson**

SmartTrips Ithaca was a neighborhood-based personalized educational campaign encouraging residents of downtown Ithaca to try out sustainable modes of transportation such as walking, biking, transit, and carsharing through incentives and communication customized to each program participant as a stepping stone towards living a car-free or car-lite lifestyle. The presentation will offer a case study in how the SmartTrips model was adjusted to the unique context of a small Upstate New York college town, and summarizes the positive results in trip reduction and mode shift that occurred in a before-and-after survey of program participants.

NYSDOT's Active Transportation & Demand Management (ATDM) Program – Supporting Regional Mobility in a Rapidly Changing Marketplace 🗣️ **Jim Davis**

NYSDOT's Statewide ATDM Program is evolving from a directly operated, Downstate-oriented, TDM program to a more active and integrated mobility program that works in partnership with Regional programs to manage travel demand. The presentation will discuss NYSDOT's emerging framework for integrated ATDM, the evolution of Downstate TDM efforts and developing TDM partnerships upstate. It will put these efforts in the context of a rapidly changing marketplace of transportation networking companies, crowd sourced information, bike and carsharing, parking applications, and changing TDM and transit operating environments.



SESSION INFORMATION

TUESDAY

2B

The Role of the MPO In Transportation Asset Management

Aging infrastructure coupled with inadequate funding necessitates detailed analysis by transportation agencies to determine optimal investment strategies to ensure that highways, bridges, vehicles, and other assets are receiving the proper treatments at the correct times. This session includes discussions on data needs, key programmatic elements, and the development of a metropolitan transportation asset management plan. Moderated by Brad Allen, P.E., Applied Pavement Technology, Inc.

NYSDOT Roadway Inventory Data – Both On & Off the State System

 **Michael Fay**

The NYSDOT Highway Data Services Bureau collects a wide range of roadway data for use by the Department and its transportation partners. The data falls into three general categories: roadway inventory, traffic monitoring, and pavement condition. The roadway inventory database is structured to allow input of similarly collected and formatted data from MPOs, counties, and other transportation partners.

Modern Asset Management for Municipalities **Patrick Warren**

This presentation will explore how municipalities can leverage New State investment in leading-edge technologies to optimize asset life, track assets, and better control daily operations. This will include a discussion of the Enterprise Asset Management program currently being implemented at NYSDOT as well as the financial model that would enable municipalities to access it at a reasonable cost.

Developing a Transportation Asset Management Plan (TAMP) for an MPO

 **Kathy Sarli**

Lessons learned from the development of a TAMP by the Northeast Ohio Areawide Coordinating Agency (the Cleveland, Ohio MPO) will be discussed, including working with municipalities, the state DOT, and providers of public transportation. It will also describe how NOACA is using the TAMP to inform the development of other plans and programs.



CONFERENCE SCHEDULE

WEDNESDAY

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Registration Open
Finger Lakes Foyer



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

Plenary Session

Alain Kornhauser/Automated Vehicles:

What, Why, & When

8:30 am - 10:00 am

Persian Terrace



Break (10:00-10:30)

Technical Session 3A
**Focusing on Pedestrians
& Bicyclists: Oh the
places we can go!**

10:30 am - 12:00 pm

Otisco Court

Technical Session 3B
**Transportation
Technology**

10:30 am - 12:00 pm

Cayuga Court

**Lunch
(12:00-1:30)**

Plenary Session

Lois New/

Reducing GHG Emissions
Persian Terrace



Technical Session 4A
**What's New in
Statewide Planning**

1:30 pm - 3:00 pm

Otisco Court

Technical Session 4B
**Data: New Sources,
New Tools**

1:30 pm - 3:00 pm

Cayuga Court

Technical Session 4C
**Environmental Justice
Considerations**

1:30 pm - 3:00 pm

Skaneateles Court



Break (3:00-3:30)

Technical Session 5A
**Long Range Plans in an
Uncertain World**

3:30 pm - 5:00 pm

Otisco Court

Technical Session 5B
**Performance-Based
Planning**

3:30 pm - 5:00 pm

Cayuga Court



SESSION INFORMATION

WEDNESDAY

Plenary Session

PS

Automated Vehicles: What, Why & When 🗣️ **Alain Kornhauser, PhD.**

This presentation will try to remove some of the mystique and confusion around automated vehicles. Dr. Kornhauser will present his views of what we might be able to expect, when, and what the planning community can and should be doing now to use this evolving technology to best improve quality of life for everyone. Moderated by James D'Agostino, SMTC.

3A

Focusing on Pedestrians & Bicyclists: Oh the places we can go!

Communities across the state are looking to become more walkable and bikeable. Accommodating such users can take form in the shape of Complete Streets (as in what the City of Buffalo has accomplished), statewide trails (the Empire State Trail) and in advocating for the rights of non-motorized users (New York State Bicycling Coalition). Join us for a discussion on complete streets, trails and those advocating to help us get there. Moderated by Danielle Krol, SMTC

Buffalo's Gold Standard - Complete Streets 🗣️ **Justin Booth**

All over town, better streets are making Buffalo a better place for everyone, everywhere, and every way. Learn how Buffalo has institutionalized a process to ensure that all modes are safely accommodated. Moving from policy to practice, the impact of complete streets for residents, commuters, and businesses will be shared.

The Empire State Trail: 750 Miles + \$200m = 2020 Vision For New York State

🗣️ **Jeff Olson**

This presentation will present the Empire State Trail (EST), the biggest project of its kind in the nation and a significant opportunity for communities statewide. MPOs, State Agencies, and other partners are already collaborating on this once-in-a-lifetime initiative. The "EST" is an opportunity to help get New Yorkers of all ages and abilities to be more healthy, active and mobile.

New York Bicycling Coalition Education Program & Their Campaigns

🗣️ **Paul Winkler**

Presentation will emphasize current NYBC campaigns relating to legislation (3' Safe Passing and legalization of electric bikes); statewide bike and pedestrian safety education trainings and related new print and on-line deliverables; involvement in and promotion of bike based tourism; working with law enforcement to achieve better understanding, and enforcement of V & T laws relating to bicycling and walking; and facilitating local action to improve challenging "hot spots" within the state's road and trail system.



SESSION INFORMATION

WEDNESDAY

3B

Transportation Technology

Presenters in this session will discuss the benefits, challenges, and planning considerations surrounding new technologies that are impacting how we get around. Connected and Autonomous Vehicles (CAV) have the potential to substantially change our future transportation choices and the demand on our road system. Two of the presentations in this session will explore the impacts of CAVs. The third presentation will discuss how system-wide implementation of GPS-technology benefits transit riders, along with some of the challenges associated with the roll-out of applications relying on this technology. Moderated by Meghan Vitale, SMTc.

Present and Future of Connected and Autonomous Vehicles

 **Rick McDonough**

This presentation will discuss the current status and the future of Connected and Autonomous Vehicles (CAV) in the U.S. The presentation will include helpful hints and suggestions for the planning community as we move forward with this technology.

Establishing a Regional Planning Framework for Connected and Autonomous Vehicles

 **Joseph Bovenzi**

This presentation will discuss a regional planning framework for integrating Connected and Autonomous Vehicle-related considerations into MPO plans, policies, and programs. This presentation will discuss what MPO staff can do to revise and update their long range plans, congestion management processes, travel demand models, and other products to account for the potential impacts of this emerging technology. Attendees will take away observations that they can use to ensure that the benefits of Connected and Autonomous Vehicle technology are directed towards realizing community planning and development goals.

Implementing System-wide GPS Technology: Public Benefits and Technical Challenges

 **Steve Koegel**

The presentation will outline the benefits of full implementation of GPS technology within a four-county transit system. Detailing its benefit to consumers and the challenges met during development of “Bus Tracker”, “GoCentroBus Mobile App”, and “SMS Messaging”.



SESSION INFORMATION

WEDNESDAY

Plenary Session



Collaborating Towards a Low Carbon Transportation System of the Future ...Gaining the economic, health, social, and environmental benefits of a low carbon transportation system **Lois New**

At this session, we will explore how we might improve the health of our communities by developing policies, programs, and partnerships to reduce the carbon footprint of our transportation system. Moderated by Michael Franchini, CDTC.



What's New in Statewide Planning

MPOs are important partners in the statewide planning process. They provide input, review documents, and are impacted by the decisions in the plans. States are responsible for both modal plans and functional plans like safety and asset management. This session includes presentations on the Florida Transportation Plan, an excellent example of a state long range plan; and New York's safety and freight plans. Moderated by Steve Gayle, RSG.

FAST ACT & Freight Planning in New York State **David Rosenberg**

The FAST Act placed an emphasis on freight movement with new FHWA funding programs and a requirement for a State Freight Plan to access the National Highway Freight Program. The New York State Freight Transportation Plan will be FAST Act compliant, as it explores how improvements to the way we move freight by road, rail, water, air, and pipeline can support a growing state economy in a way that also reduces impacts. NYSDOT is working with MPOs and other key stakeholders to identify potential projects, actions, and policies.

New York State's Draft 2017 Strategic Highway Safety Plan

 **Regina Doyle**

This presentation will discuss New York State's Draft 2017 Strategic Highway Safety Plan (SHSP). The discussion will include the outreach conducted to develop the plan, emphasis areas identified based upon crash type and some of the strategies and actions included to reduce fatalities and serious injuries due to motor vehicle crashes on roads in New York State. The session will also include a presentation on the safety performance targets and how they relate to the goals in the SHSP.

2060 Florida Transportation Plan **Carmen Monroy**

This segment discusses innovations that earned the Florida Transportation Plan FHWA's Planning Excellence Award. Learn how the Florida Transportation Plan continues to innovate and change other statewide plans, and why the plan will never sit on a shelf. FDOT's approach to developing its statewide plan has changed how stakeholders engage with long range transportation planning.



SESSION INFORMATION

WEDNESDAY

4B

Data: New Sources, New Tools

The immense magnitude of new sources of data can be overwhelming, yet big data presents ground-breaking opportunities for MPOs to improve modeling, planning, and the development and tracking of performance measures. Integrated planning continues to facilitate data coordination among MPOs and with NYSDOT and other data partners. This session will describe exciting new tools and applications for using big data for MPO planning. Moderated by Christopher O'Neill, CDTC.

Multi-Geographic-Resolution (MGR): Giving Data the Greenlight

 Catherine Lawson, Eric Krans, & Alex Muro

The new focus on performance measures has led to breakthroughs in data visualization and analytics. The Albany Visualization and Informatics Labs (AVAIL) team, with funding from NYSDOT, through the University Transportation Research Center (UTRC), in conjunction with the NYSMPO modeling group, are developing a suite of integrated, interactive spatial tools, using the National Performance Management Research Dataset (NPMRDS), and other transportation datasets. This team effort is providing clear direction for the tools needed to meet the challenges ahead.

Big Data Paul Ruggeri

Big data has become a planning “buzz word,” but with good reason: anonymous, archival location data from mobile devices helps planners answer important questions about their communities that were previously difficult, expensive, and time consuming to answer. In his presentation, Mr. Ruggeri will use case studies to demonstrate how planners can take full advantage of this emerging resource. The projects he will discuss include a regional analysis of commercial trucks' travel patterns, an update to a travel demand model for a mid-size MPO, and a regional travel behavior study. For each project, Mr. Ruggeri will highlight how big data can answer key questions about travel patterns and improve resource allocation. His presentation will conclude with a summary of the most effective - and least effective - ways to utilize big data for transportation projects.

Big Data, Intelligence to Optimize Transport Planning & Operations Decision - Making Amy Lopez

Crowd sourced data such as Floating Car Data, Internet of Things sensors, and Cloud-based processing are rapidly changing how transport professionals monitor, measure, operate and improve their transport network. This presentation will offer examples of ongoing projects where Big Data is providing visibility and improvements to the Transport Network more quickly and cost-effectively than ever before.



SESSION INFORMATION

WEDNESDAY



4C

Environmental Justice Considerations

Ensuring that the needs and wants of those underrepresented in the transportation planning and investment processes should be an emphasis area for municipalities, MPOs, state DOTs, and the U.S. Department of Transportation. Incorporating Environmental Justice considerations into plans for all forms of transportation is critical to meeting the needs of low-income individuals, persons with disabilities, and minority communities. Moderated by Michael Franchini, CDTC.

Work Link: Transportation Options for Low-Income Workers



Aaron McKeon

How do you get to work without a car? How can you afford a car without being able to get and hold a job? We will review the data and tools used in the SMTTC's Work Link project to analyze gaps in the region's transit system for second and third-shift workers and the process being used to identify ways to fill those gaps.

City of Albany South Pearl St. Heavy Vehicle Travel Pattern Study



Christian Bauer, AICP

The Capital District Transportation Committee (CDTC) is conducting a heavy vehicle study on South Pearl Street in the City of Albany's South End neighborhood, with the goal of minimizing negative impacts on an Environmental Justice population. This multi-agency collaborative project utilized automated technologies to gather a large dataset, including air quality samples and the volume, speed, and travel patterns of heavy vehicles.

Americans with Disabilities Act Requirements for MPOs & Local Governments



Kara Hogan, PhD.

This presentation will cover ADA requirements for Title II entities, including the requirement to have a self-evaluation of all pedestrian facilities to identify existing barriers to accessibility. This inventory should be used to create an ADA Transition Plan that determines a schedule and method to remove these barriers over time and increase the safety and accessibility for all users of the pedestrian environment.



SESSION INFORMATION

WEDNESDAY

5A

Long Range Plans in an Uncertain World

Long range regional planning involves accepting, if not embracing, uncertainty. Automation, extreme weather events, human-made threats, and other factors are now considered essential elements of long range plans. How regions develop the strategies that will guide their transportation systems, development patterns, and protection of environmental and social assets is crucial to determining their success over not in terms of years, but the coming decades. Three perspectives will be offered on how planners can inspire communities to shape their fortunes in an unclear future as long range planning provides a vehicle to communicate big ideas and how common values, shared goals and objectives with partners is critical to successfully progress long range plans. Moderated by Dana Crisino, HOCTS.

Successful Long Range Planning: An Uncertain Future, A New Perspective

 **Rich Perrin**

There is greater uncertainty about the future than ever before. Accelerated changes in technology, politics, and the environment require a new perspective and approach to long range planning. This presentation will present building blocks that metropolitan planning organizations can integrate into the development of their regional transportation plans to make them more relevant to decision makers, other technical professionals, and citizens. These building blocks include improving institutional awareness, becoming more entrepreneurial, and embracing a mega-regional perspective among several others.

Make No Little Plans **Mark Castiglione**

Daniel Burnham is famously quoted as saying, “Make no little plans. They have no magic to stir men’s blood and probably will not themselves be realized.” Long range planning provides a vehicle to communicate big ideas but implementation is often incremental. Highlighting common values and establishing shared goals and objectives with partners is critical in both short term and long range projects. Remaining tethered to your big ideas but not necessarily to your assumptions can reveal unexpected pathways to success.

The Big Unknowns: Scenario Planning in an Uncertain World

 **Maren Outwater, P.E.**

Changing demographics and new technologies are predicted to change travel behavior in significant ways. Research for NCHRP on the impacts of changing demographics combined with research on evaluation of new technologies will provide a framework for considering these uncertainties. Strategic modeling tools will be described to apply scenario planning for a wide range of possible future outcomes to evaluate future transportation investments.



SESSION INFORMATION

WEDNESDAY

5B

Performance-Based Planning

MPOs are required to implement performance-based planning and programming (PBPP) processes, but what does this mean in practice and how can we benefit from this approach? This session will start with a discussion of MPO PBPP practices from around the country, followed by an examination of the benefits of target-setting within LRTPs and TIPs. The final presentation will explore Florida's experience implementing PBPP, with a focus on the collaboration between the State DOT, MPOs, and stakeholders. Moderated by Meghan Vitale, SMTC.

MPOs & PBPP

 **Rich Denbow**

This presentation provide a discussion and specific examples of MPO performance-based planning and programming practices and activities across the country to demonstrate how data, partnering, and reporting improve plans and investment decisions.

Setting Targets for Performance-Based Planning

 **Steve Gayle**

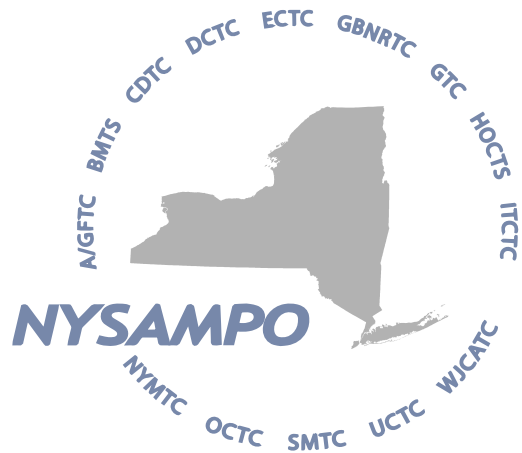
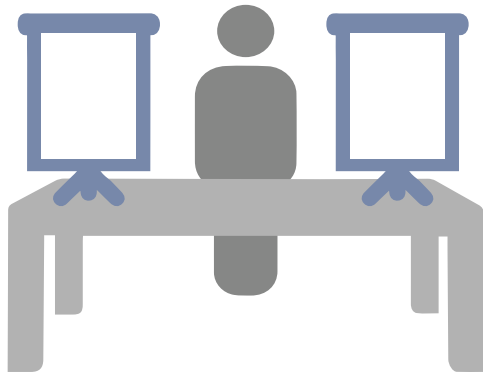
Setting targets is part of the federally required performance based planning process. This presentation will go beyond those requirements to explore the benefits of targets in the broader transportation performance management arena, and how MPOs can benefit from this approach in their LRTPs and TIPs.

Performance Based Planning in Practice:

A Collaboration of Florida DOT & MPOs

 **Carmen Monroy & Carl Mikyska**

Florida MPOAC discuss how Performance-Based Planning and Programming has strengthened the collaboration between stakeholders and is reshaping transportation investments. The discussion will focus on mobility measures which are leading the discussion in this area.



The NYSAMPO would like to thank
the following for their support:

Exhibitors

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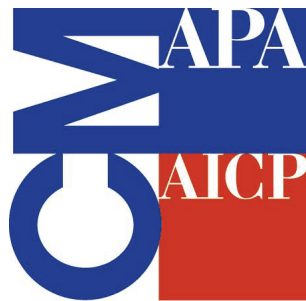


the science of insight

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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

Making Great Communities Happen

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AICP members can earn Certification Maintenance (CM) credits for many activities at this event. When CM credits are available, they are noted at the end of an activity description. More information about AICP's CM program can be found at www.planning.org/cm. AICP members must be in attendance for the duration of the event in order to receive CM Credit.

Combating Roadway Departure Crashes

David Orr
#9124908

CM | 6.25

Messaging and How to Present It

Greg Loh
#9124912

CM | 3.0

Signal Timing & Traffic Engineering Principles

Lorenzo Rotoli, Heath Lagoe, Tim Faulkner
#9124909

CM | 3.0

Building Smarter Cities: Trends, Examples, Research, and Lessons Learned

Meghan Cook
#9124913

CM | 1.50

Planning for Resiliency

Richard Tetreault, Sarah Hammitt, Joseph Bovenzi
#9124915

CM | 1.50

Safety Challenges with Rural Roads & Slow Moving Vehicles

Robert Maciol, Bernie Kennett
#9124914

CM | 1.50

New Models of Urban Mobility

Jennifer Dotson, Frank White, Jim Davis
#9124917

CM | 1.50

The Role of the MPO in Transportation Asset Management

Kathy Sarli, Patrick Warren, Michael Fay
#9124918

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