Committee on Performance-Based Management Business Meeting

Christos S. Xenophontos, Chair
Jean Wallace, Vice Chair
Karen Miller, Secretary
Anna McLaughlin, AASHTO PM

September 13, 2023

Welcome and Introductions

CPBM Mission and Vision

- The Committee on Performance-Based Management is dedicated to providing STAs the expertise and resources to support and help enhance performance and data-driven management practices and decision making and to create a results-driven environment that will promote organizational and system excellence. The Committee on Performance Based-Management will provide and communicate technical services and information; develop policy guidance and recommendations; facilitate communication practices; and support the professional development and capacity building of its members and others.

Structure
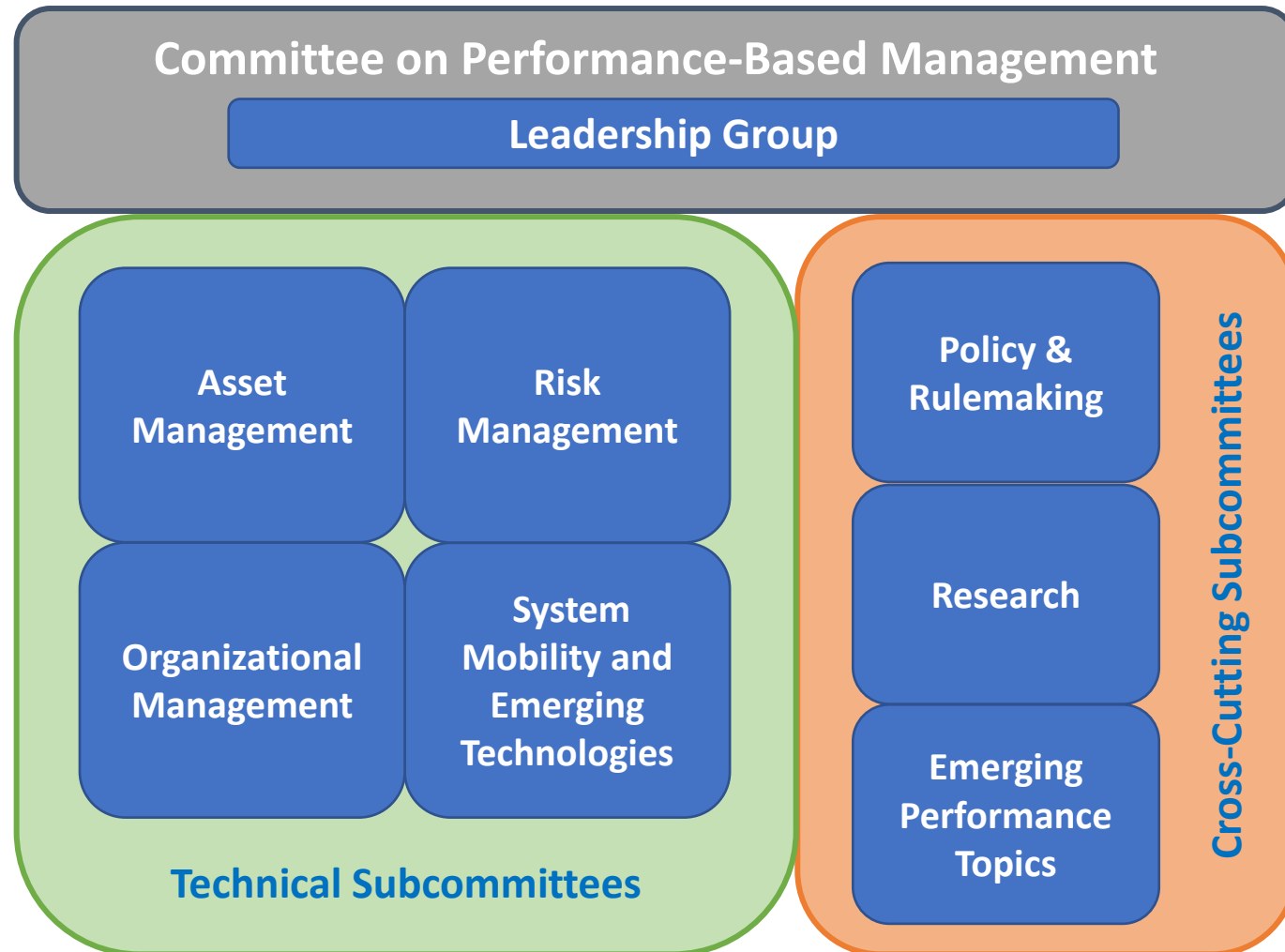
CPBM Groups

- **Leadership Group**
  - Chair and Vice Chair
  - Secretary
  - FHWA Liaisons
  - Subcommittee, Coordinating Workgroup, and Task Force Leadership

- **Technical Subcommittees**
  - Asset Management (AM)
  - Risk Management (RM)
  - Organizational Management (OM)
  - System Mobility and Emerging Technologies (SMET)

- **Coordinating Work Groups**
  - Research
  - Policy and Rulemaking
  - Professional Development

- **Task Forces**
  - *Emerging Performance Areas*

Leadership

Technical Subcommittees

- Asset Management
  - Matt Haubrich & Michael Johnson
- Risk Management
  - Nathan Lee and William Johnson
- Organizational Management
  - Gary Vansuch, David Putz, and Gehan Elsayed
- System Mobility and Emerging Technologies
  - Daniela Bremmer and **<vacant>**

Coordinating Work Groups

- Research
  - Ed Block and **<vacant>**
- Policy and Rulemaking
  - Ryan Huff and Lori Fisette

Task Forces

- Emerging Performance Areas
  - Deanna Belden and Kelly Travelbee

AASHTO Updates

Susan Howard

Anna McLaughlin

2023 AASHTO **Committee on Performance-Based Management Annual Meeting**

AASHTO Update

Denver, CO| September 13, 2023

Susan Howard – Director of Policy and Government Relations | **AASHTO**

Transportation Program Management Pooled Fund

- Since 2016, additional support for CPBM activities has come from the TPM Pooled Fund led by Rhode Island and administered by AASHTO

- Suite of products and services to support State DOTs in implementing robust TPM programs in their agencies
  - o Identify, develop and deliver needed training
  - o Facilitate the sharing and retention of performance management best practices
  - o Develop TPM tools and resources
  - o Provide access to specialty services, experts, and consultants related to TPM
  - o Bimonthly webinars on Asset Management (FHWA Sponsored)
  - o Bimonthly webinars on TPM Topics
  - o Quarterly webinars and newsletter on CPMB and TPM Pooled Fund Topics

Transportation Program Management Pooled Fund

Topical Areas

- Asset management
- Organizational management
- Risk management
- System mobility and emerging technologies

Transportation Performance Management Technical Service Program

- With TPM Pooled Fund coming to a close, AASHTO initiated a Technical Services Program in FY2022 with the intent to transition the services provided by the Pooled Fund to the new TSP

TSP Membership Benefits

CORE SERVICES

1. Develop and Deliver learning and Capacity Development Resources
2. Establish and Maintain the TPM Information Clearinghouse
3. Support Knowledge Transfer among Member Departments

OPTIONAL SERVICES

4. Provide Access to Deep-Dive PM3 TPM Planning Analytics
5. Customized Implementation Support and Web Portals

TSP Membership Benefits

CORE SERVICES

1. Develop and Deliver learning and Capacity Development Resources
2. Establish and Maintain the TPM Information Clearinghouse
3. Support Knowledge Transfer among Member Departments

$15,000 ANNUALLY

OPTIONAL SERVICES

4. Provide Access to Deep-Dive PM3 TPM Planning Analytics
5. Customized Implementation Support and Web Portals

VARIES

Current TSP States

1. **Alabama***
2. Alaska
3**. Arkansas***
4. **California***
5. **Colorado***
6. **Connecticut***
7. **Delaware***
8. Florida
9. Georgia
10. Idaho
11. **Illinois***
12. Indiana

13. **Iowa***
14. **Kansas***
15. Kentucky
16. Louisiana
17. **Maryland***
18. **Michigan***
19. **Minnesota***
20. Mississippi
21. **Missouri***
22. Montana
23. Nebraska
24. Nevada
25. New Mexico

26. **New York***
27. North Dakota
28. Ohio
29. **Oklahoma***
30. Puerto Rico
31. **Rhode Island***
32. South Dakota
33. Tennessee
34. **Texas***
35. **Utah***
36. **Washington***
37. **West Virginia***

* Denotes original TPM Pooled Fund State

TAM Webinar Topics 2022-2023

2023	2022
Webinar 66: Beyond Pavements and Bridges	Webinar 60: TAM and Resilience Building: Takeaways from the TAM Peer Exchange, December 21
Webinar 65: Communicating Transportation Asset	Webinar 59: Incorporating Maintenance Costs into a TAMP, October 19
Webinar 64: Highlights from the TRB TAM Conference	Webinar 58: The 2022 TAMPs & BIL Requirements, August 17
Webinar 63: Consistency Reporting	Webinar 57: TAM Tools Webinar Miniseries 04 – Techniques
Webinar 62: TRB TAM Conference Preview	Webinar 56: TAM Tools Miniseries 03 – Other Tools
Webinar 61: TAM Innovations	Webinar 55: TAM Tools Miniseries 02 – Management Systems
	Webinar 54: TAM Tools Miniseries 01 – AASHTO Portals
	Webinar 53: 2022 TAMPs: Lessons from Practitioners

TPM Webinar Topics 2022-2023

2023	2022
Webinar 20: The Transportation Agency of the Future	Webinar 14: More Than Just Asphalt, Concrete, and Steel: Innovations From Our People that are Moving Our Transportation System Forward
Webinar 19: Highlights from the AASHTO CPBM Peer Exchange & Business as UN-Usual Annual Meeting	Webinar 13: Greenhouse Gas & Environmental Measures
Webinar 18: FHWA and State DOT Roundtable	Webinar 12: Target Setting
Webinar 17: Agency Innovations and Improvements Blitz	Webinar 11: TPM and Equity
Webinar 16: Innovations in Caltrans' Performance Management Framework	Webinar 10: Resiliency and the IIJA
Webinar 15: Reflecting on the AASHTO 2022 Conference on Performance-Based Management, Planning, and Data - Takeaways and Next Steps	

Roger Millar, *President*
Secretary, Washington State Department of Transportation
Jim Tymon, *Executive Director*

Registration Statistics

- Over the past year, all TPM and TAM Webinars have had at least 100 registrations and up to 289.

- So far in 2023, 1,492 people registered for TPM and TAM Webinars.

- The Top 3 TAM Webinars over the past two years:
  - Incorporating Maintenance Costs into a TAMP
  - TAM and Resilience Building: Takeaways from the TAM Peer Exchange
  - TAM Innovations

- The Top 3 TPM Webinars over the past 2 years:
  - Reflecting on the AASHTO 2022 Conference on Performance-Based Management, Planning, and Data - Takeaways and Next Steps
  - Agency Innovations and Improvements Blitz
  - Innovations in Caltrans' Performance Management Framework

Partner Updates

Jean Wallace

FHWA: Mshadoni Smith Jackson

TRB AJE30: Meredith Hill

Subcommittee Updates

Actions and Activities

Christos Xenophontos

Leadership Group

Asset Management

Matt Haubrich & Michael Johnson

Organizational Management

Gary Vansuch, David Putz & Gehan Elsayed

Risk Management

Nathan Lee & William Johnson

System Mobility and Emerging Technologies

Daniela Bremmer

Emerging Performance Areas

Deanna Belden & Kelly Travelbee

Policy and Rulemaking

Ryan Huff & Lori Fisette

Research

Edgardo Block & William Johnson

Annual Meeting Debrief

Karen Miller

CPBM State DOT Listening Session

AASHTO MEMBERS ONLY

Committee on Performance-Based Management

ACTION PLAN

January 2023

Five Categories of Actions

- **Technical Support & Services (All Technical Subcommittees and Task Forces)**
    1. Establish, support and promote the AASHTO Transportation Performance Management technical service program.
    2. Develop and advance agency capabilities by creating needed resources and guidance.
    3. Broaden the understanding, application, and use of relevant AASHTO, FHWA, and TRB resources related to Transportation Performance Management.

- **Policy and Rulemaking (Paul Degges)**
    4. Serve as the AASHTO coordinating body to: 1) respond to; 2) exchange information on; and 3) develop federal TPM-related policies (laws, regulations, and guidance).
    5. Collaborate and partner with USDOT, TRB, and other organizations to maximize Transportation Performance Management-related results for members and their customers.

- **Research (William Johnson)**
    6. Develop, support, and coordinate a research program in partnership with TRB, USDOT and other organizations.
    7. Fully utilize the Transportation Asset Management research management system for the Subcommittee on Asset Management

- **Professional Development (Ryan Huff)**
    8. Create a robust suite of Transportation Performance Management training resources to support the professional development of AASHTO members.
    9. Support and strengthen the committee and subcommittee knowledge portals to share knowledge with committee members and the industry.
    10. Develop and disseminate regular Transportation Performance Management communication products focused on the work of the committee.
    11. Facilitate the sharing of common and best practices across member agencies.

- **CPBM Leadership (Christos Xenophontos/Jean Wallace)**
    12. Meet regularly with committee and subcommittee members to foster collaboration and maintain momentum on actions.
    13. Review and update the Strategic Plan on a regular basis, soliciting the contributions of subcommittees for the development of action items

1. Establish, support and promote the AASHTO Transportation Performance Management technical service program.

- **Leadership Group**
  - Disseminate, annually, a request to each state DOT to sign up for the TPM TSP.
- **Asset**
  - Assist in the update and content management of the TAM Portal (www.tam-portal.com)
  - Identify a collaboration opportunity under the TPM TSP.
- **Risk**
  - Develop a Risk Management web-based training short course to fill gap between NHI course and others.
  - Update and maintain the Risk Management portal (www.erm-portal.com).
- **SMET**
  - Seek, promote, and execute a peer exchange on system mobility and emerging technologies with FHWA
  - Work with subcommittee members to develop a SMET Best Practice Case Studies.

2. Develop and advance agency capabilities by developing needed resources and guidance.

- **Asset**
  - Support implementation of NCHRP 08-137 (*Updates to the Digital Edition of the AASHTO Transportation Asset Management Guide*)
  - Work with TRB to identify, develop, and submit research problem statements for FY2024 NCHRP.
  - Continue to coordinate the ongoing TAM NCHRP projects.
- **Risk**
  - Work with the Committee on Transportation System Security and Resilience to address risk management needs through implementation of NCHRP 23-09 (*Scoping Study to Develop the Basis for a Highway Standard to Conduct an All-Hazards Risk and Resilience Analysis*).
- **SMET**
  - Support implementation of NCHRP 20-123(12) (*SMET Strategic Planning Session and Research Roadmap Development*)
  - Continue to identify and support NCHRP projects
  - Act as a liaison on development of the AASHTO Operational Manual between CTSO and CPBM

3. Broaden the understanding, application, and use of relevant AASHTO, FHWA, TRB, and other partner organization resources related to Transportation Performance Management.

- **Asset**
  - Promote use of the AASHTO TAM Implementation Guide.
  - Work with FHWA to develop and deliver the bi-monthly AASHTO-FHWA TAM Webinar Series.
- **Risk**
  - Promote use of the AASHTO ERM Guide and implementation of it.
  - Proactively identify the connection between the AASHTO ERM Guide and the broader topic of resilience.
  - Develop and deliver a series of webinars/peer exchanges on risk and resilience.
- **SMET**
  - Establish and strengthen a partnership with NOCoE.
  - Develop a working relationship with the EU ITS program.
    - *Framework for the Deployment of Intelligent Transport Systems in the Field of Road Transport and for Interfaces with Other Modes of Transport, December 2021*

4. Serve as the AASHTO coordinating body to respond to, exchange information on, and develop federal Transportation Performance Management-related policies (laws, regulations, and guidance).

- **Policy**
    - Host monthly conference calls of the Policy and Rulemaking coordinating work group.
    - Coordinate with other relevant CPBM technical subcommittees and task forces in order to respond to federal policy requests as needed related to implementation of the IIJA/BIL.
    - Coordinate and lead the AASHTO response to the upcoming USDOT NPRM on GHG emissions.

5. Collaborate and partner with USDOT, TRB, and other organizations to maximize Transportation Performance Management-related results for members and their customers

- **Leadership Group**
  - Establish the Next Generation Performance Measure task force to work with members to identify new performance areas and measures.
- **Policy**
  - Promote and support the funding of the *Analysis and Assessment of the National Performance Management Data* research project.

6. Develop, support, and coordinate a research program in partnership with USDOT and TRB.

- **Research**
  - Hold regularly scheduled calls to coordinate the research development process for CPBM.
  - Host the 2022 AASHTO Performance Management Research Symposium.
  - Coordinate the development of needed research problems states from the various CPBM technical subcommittees and task forces for submission to NCHRP.
  - Focus on implementing recently completed NCHRP projects.

7. Fully utilize the Transportation Asset Management research management system for the Subcommittee on Asset Management

- **Research**
  - Expand use of the TAM RMS for use by the broader CPBM technical subcommittees and task forces and TPM community in order to have a central repository of research needs.
  - Use the RMS as part of the 2022 AASHTO Performance Management Research Symposium.

8. Create a robust suite of Transportation Performance Management training resources to support the professional development of AASHTO members.

- **Professional Development**
  - Hold regularly scheduled conference calls to coordinate the professional development activities for CPBM.
  - Work with the TPM TSP and coordinate with the technical subcommittees and task forces to identify, develop, and deliver web-based training through the AASHTO Training portal (http://training.transportation.org)

9. Support and strengthen the committee and subcommittee knowledge portals to share knowledge with committee members and the industry.

- **Professional Development**
  - Promote the existence of the http://transportationmanagement.us portal hub for the TPM community.
  - Working through the TPM TSP, establish a new Organizational Management portal under the portal hub.
- **Asset**
  - Assist in the update and content management of the TAM Portal (www.tam-portal.com)
- **Organizational Management**
  - Continue to support the Transportation Lean Forum (https://www.tpm-portal.com/collections/transportation-lean-forum/)
- **Risk**
  - Update and maintain the Risk Management portal (www.erm-portal.com).

10. Develop and disseminate regular Transportation Performance Management communication products focused on the work of the committee.

- **Professional Development**
  - Coordinate the development and dissemination of a quarterly TPM newsletter for committee members and the broader TPM community with a specialized focus for each volume.

- **Leadership Group**
  - Send out regular communications to update members on TPM topics as needed.

11. Facilitate the sharing of common and best practices across member agencies.

- **Professional Development**
  - Host the 2022 AASHTO Conference on Performance-Based Planning, Management, and Data in cooperation with the Committee on Planning and the Committee Data Management and Analytics.
  - Support and encourage technical subcommittees to develop and deliver topical webinars for members.

12. Meet regularly with committee and subcommittee members to foster collaboration and maintain momentum on actions.

- **Leadership Group**
  - Hold regularly scheduled leadership calls which includes all technical subcommittee, coordinating work group, and task force leaders.
  - Host quarterly membership virtual meetings.
  - Host a yearly membership conference and meeting.
- **Asset**
  - Hold regularly scheduled joint calls with members of the subcommittee, TRB TAM committee, and USDOT liaisons.
  - Monitor member/friend activity in terms of who participates and target those states not involved through the TAM Community Lists and Events at https://bit.ly/31sjmri.
- **Organizational Management**
  - Hold regularly scheduled joint calls with members of the subcommittee and relevant TRB committees.
- **Risk**
  - Hold regularly scheduled calls with members of the subcommittee and USDOT liaisons.
- **SMET**
  - Hold regularly scheduled calls with members of the subcommittee and USDOT liaisons.

13. Review and update the Strategic Plan on a regular basis, soliciting the contributions of subcommittees for the development of action items

- **Leadership Group**
  - Review the status of the action plan at each leadership group call.