

TRANSPORTATION RESEARCH BOARD

TRB Update

Technical Activities Division

2021 AASHTO Committee on Maintenance

July 2021

Transportation Research Board (TRB)

Convene

- 13,800 attendees at TRB annual meeting
- 220 technical committees, 330 subcommittees, 18 task forces
- 50-70 conferences & workshops; 100+ webinars per year

Research

- Highway, Transit, Airport Cooperative Research Programs
- 900+ papers published in *Transportation Research Record*/yr.
- TRID: 1.1 million records of transportation research citations

Advise

- Independent, objective, evidence-based, thorough, fair, non-partisan policy studies done in accordance with National Academies of Sciences, Engineering, and Medicine procedures

The Transportation Research Board (TRB) 101st Annual Meeting will be held January 9-13, 2022 in Washington, D.C. The event is expected to attract thousands of transportation professionals from around the world.

The meeting program covers all transportation modes, with sessions and workshops addressing topics of interest to policy makers, administrators, practitioners, researchers, and representatives of government, industry, and academic institutions.

A number of sessions and workshops focus on the spotlight theme for the 2022 meeting: *Innovating an Equitable, Resilient, Sustainable, and Safe Transportation System*



- Each committee will have one lectern session with the rest of the accepted presentations delivered in poster sessions.

- The Meeting will be in-person, no planned virtual component.
- The amount of content is consistent with the 2021 virtual meeting.





- 2021 AM was fully Virtual
- All of last year's sessions are available:
<https://annualmeeting.mytrb.org/OnlineProgram>
- Over 34 Maintenance & Preservation Related Session were held and recorded
- TRB Sponsors have access to all of the recorded information.



Workshops

- 1008 - Application of Unmanned Aerial Systems (UAS) for condition assessment of highway assets
- 1022 - Early State DOT Experiences and Applications with Traffic Speed Deflection Devices
- 1023 - Resilience, Safety, and Security of Bridges and Tunnels: U.S. and International Topics
- 1043 - Local/State Bridge Bundling: an ABC Planning and Programming Tool



Lectern Sessions

- 1092 - Innovations in Pavement Condition Evaluation
- 1093 - Winter Maintenance Technology and Innovation in Practice
- 1194 - Resiliency and Concrete Pavement Rehabilitation Design
- 1195 - COVID-19 Pandemic Effects on Maintenance and Operations
- 1239 - How to get more out of what you have.... Effective Approaches Integrating Performance, Asset, and Risk Management with Transportation Agencies
- 1243 - What is at risk on the roadside?
- 1260 - Infrastructure Evaluation: Where are we Heading?



Lectern Sessions

- 1263 - FHWA Long Term Bridge Performance Program
- 1288 - COVID-19's Impacts on Pavement Maintenance Activities
- 1289 - Mainstreaming Resiliency into Transportation Agency Processes and Projects
- 1322 - Case Histories of Innovative Geotechnical Instrumentation
- 1342 - Invited Speakers for Tunnels and Underground Structures
- 1345 - Findings from Domestic Scan 20-01 “Successful Approaches to Utilizing Bridge Management Systems for Strategic Decision Making in Asset Management Plans”
- 1385 - Incorporating Weather & Climate Research into Transportation
- 1442 - Innovative Practices in Construction and Maintenance Inspection



Poster Sessions

- 1066 - Polymer Concrete and Adhesives
- 1106 - Pavement Management Modeling
- 1117 - Winter Maintenance Technology Showcase
- 1179 - Structures Maintenance
- 1158 - Maintenance Fleet & Equipment Alternative Fuels and Emissions
- 1207 - Pavement Management Decisions
- 1223 - Advancements in Highway Maintenance Management
- 1224 - Roadside repairs



Poster Sessions

- 1274 - Development and Advancement in Pavement Preservation
- 1275 - Advancements in Pavement Maintenance
- 1298 - Nondestructive Testing and Evaluation of Bridges
- 1308 - High Value Research Supplemental Projects
- 1314 - Advancements in Road Weather Information
- 1357 - Pavement Structural Testing and Evaluation
- 1366 - Recent Work on Bridge and Structures Management
- 1418 - Evaluation of Geotechnical Assets through Instrumentation
- 1450 - Selected Topics in Culverts, Buried Bridges, and Soil-Structure Interaction

International Conference on Winter Maintenance & Road Weather



- Originally scheduled for Sept 2020
- Now planned for Aug/Sept 2022
- Tentative location: Columbus, OH
- Working on updated Call for presentations

Authors who previously submitted abstracts will be contacted asking for updated information.



International Conference on Winter Maintenance & Road Weather

- Presentations will be pre-recorded and available in advance of the meeting.
- Presenters will also be invited to participate in a poster session during the in-person conference.
- The in-person meeting will focus on addressing key overarching issues in workshop style breakout sessions.

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TRB SNAP Search

<http://onlinepubs.trb.org/onlinepubs/snap/Maintenanceandpreservation.pdf>

- 14 Maintenance & Preservation Related Webinars in 2020
- 10 Maintenance & Preservation Related Webinars so far in 2021 with more to come!
- TRB Sponsors have access to all of the recorded information

Questions

James Bryant, Ph.D., P.E.
jbryant@nas.edu