SICOP Update
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SICOP Steering Committee

- AASHTO Region 1 – Caleb Dobbins, NHDOT
- AASHTO Region 2 – Kyle Stollings, WV DOT
- AASHTO Region 3 – Steve Lund, MN DOT
- AASHTO Region 4 – Kyle Lester, CO DOT
- AASHTO STSMO – Galen McGill, OR DOT
- TRB Winter Maintenance – Tina Greenfield, IA DOT
- TRB Surface Trans Weather – Kathy Ahlenius, WY DOT
- APWA Liaison – Matt Morreim, City of St. Paul PW
- NACE Liaison – Greg Parker, Johnson County IA
- FHWA Liaison – Paul Pisano, Road Weather & Work Zone Mgmt.
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National Strategic Winter Maintenance Plan 2018-2020

Strategic Issues

1) Adaptive snow plow route planning
2) Performance management for winter maintenance
3) Effective use of Automated Vehicle Location technologies for internal and external applications
4) Connected vehicles in winter maintenance
5) Weather responsive traffic management to improve mobility and safety during weather events
6) Liquid chemical use in winter operations
7) Winter operations in moderate weather regions
Advancing Social and Behavioral Science Research and Application within the Weather Enterprise: A Study of the National Academy of Sciences

In May of 2013, a series of tornados and flash floods struck central Oklahoma. Accurate forecasts communicated with adequate lead time kept many out of danger during this string of severe weather. Yet the event still resulted in a number of fatalities, and public fleeing in response to forecasts put thousands more in harm’s way.

These types of events highlight the fact that, despite improvements in the accuracy of weather forecasts from a meteorological perspective, a better understanding of individual and societal responses to weather information is needed in order to improve forecast design, communication, and public preparedness. There is growing recognition that social and behavioral sciences play a critical role on this front; in recent years, NSF and NOAA have increased their efforts to fund social science research related to weather hazards and forecast communication.

This National Academies study is designed to help guide government agencies and other institutions in the “weather enterprise,” as they grapple with their roles in the generation of social and behavioral science knowledge and its application to meteorology, weather forecasting, and hazard preparedness.

This study is sponsored by NOAA Office of Oceanic and Atmospheric Research, NOAA National Weather Service, and DOT Federal Highway Administration.

The National Academies of SCIENCES • ENGINEERING • MEDICINE

The National Academy of Sciences, National Academy of Engineering, and National Academy of Medicine work together as the National Academies to provide independent, objective analysis and advice to the nation and conduct other activities to solve complex problems and inform public policy decisions. The Academies also encourage education and research, recognize outstanding contributions to knowledge, and increase public understanding in matters of science, engineering, and medicine.

To learn more about our study and upcoming meetings, or to provide your input, please visit our website!

Sponsored By NOAA & FHWA
Transportation Element
Provide guidance not specific research
“We provide the most accurate information to motorists yet they still make dumb decisions” Lund
Snow in June? Sunday’s storm brings chance of showers to Sierra, Valley
SICOP talks Winter Ops

Home

SICOP is the American Association of State Highway and Transportation Officials (AASHTO) Winter Maintenance Technical Service Program. Devoted to identifying, researching and promoting state of the art and state of the practice winter maintenance techniques, materials, and equipment.
6th National Winter Maintenance Peer Exchange
“Research to Operations in a Risk Adverse Environment”

- September 12-13, 2017
- DoubleTree by Hilton Hotel & Suites Pittsburgh Downtown
- Each state with a winter maintenance mission can receive travel support for one person to attend (38 states so far).
6th National Winter Maintenance Peer Exchange

“Research to Operations in a Risk Adverse Environment”

• Updates, best practice reports
• Breakout Sessions
  – Tactics & Technology
  – Equipment & Materials
  – Big Data, Performance Measures, Public Relations
  – Workforce Development & Contracting For Services
For More Information

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