

SICOP – Winter Maintenance Technical Service Program 2015 - 2018



Purpose

Snow Ice Cooperative pooled fund Program

SICOP is AASHTO's Winter Maintenance Technical Service Program

Been around since 1993

Created by AASHTO's Board of Directors

Search out winter maintenance technologies at home and abroad

Evaluate them for appropriateness

Promote them to the US winter maintenance community

Provide coordination among the various

winter maintenance organizations

Establishing a sustainable, systems

approach to snow and ice control in the

United States.

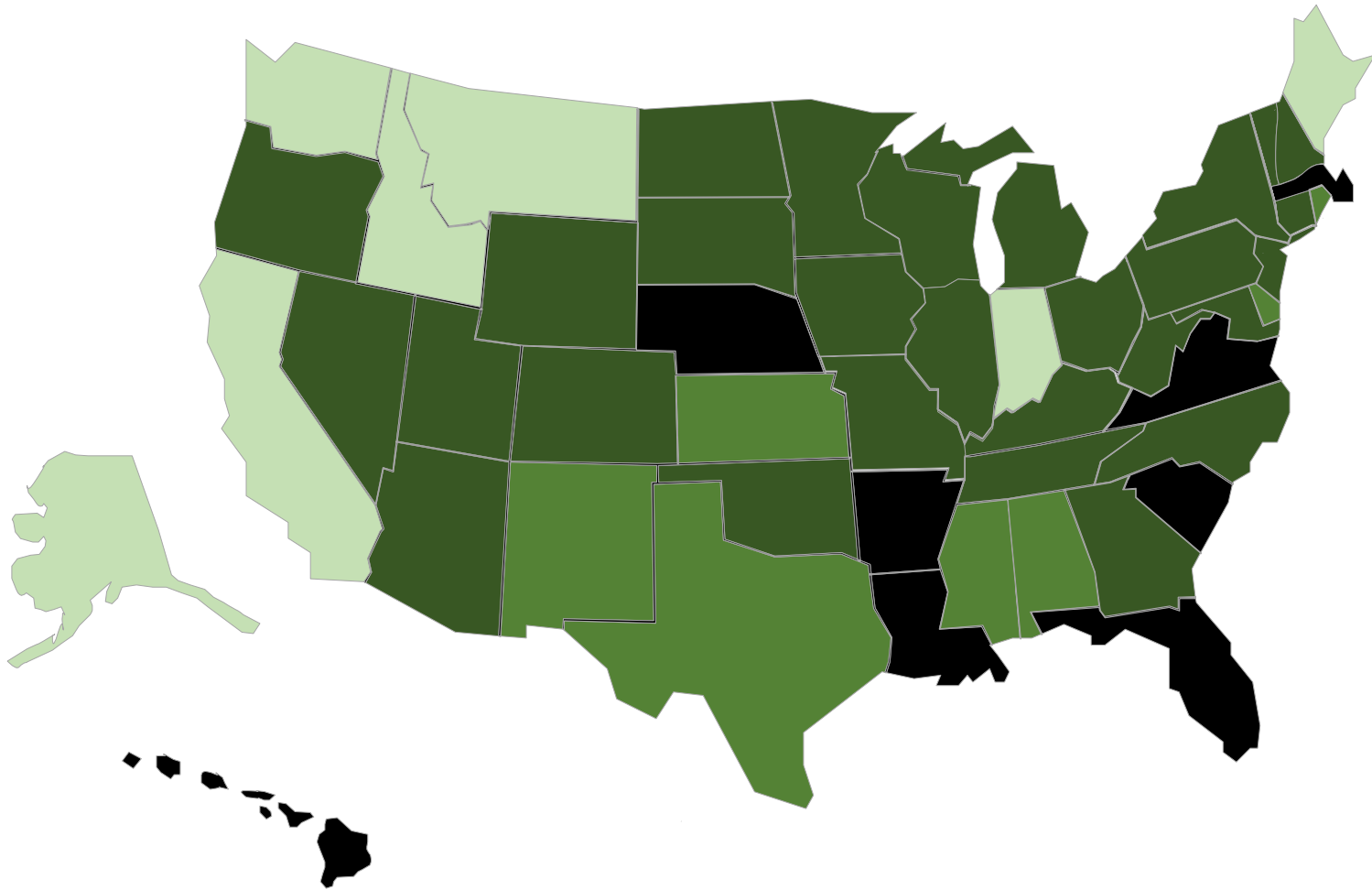


SICOP Steering Committee

- * Representative from each AASHTO region
- * TRB Winter Maintenance Chair
- * TRB Surface Transportation Weather Chair
- * American Public Works Association
- * National Association of County Engineers
- * Committee on Transportation System Operations
- * FHWA Liaison
- * AASHTO SICOP Coordinator
- * At Large as appropriate



Member States



1-year

2-years

3-years



Accomplishments

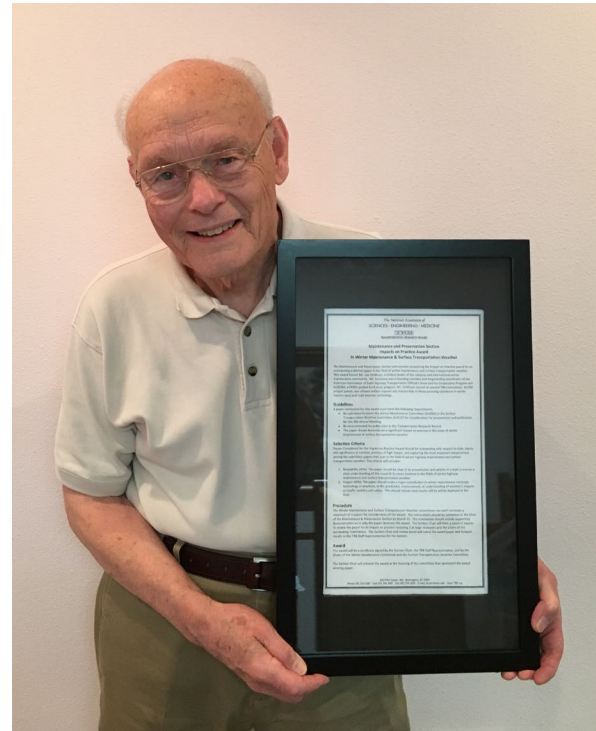
- * Assist in planning TRB International Winter Maintenance Conference 2016
- * Participated on NCHRP Project panel Performance Measures
- * Contributed to NAS Consensus Study “Integrating Social and Behavioral Sciences Within the Weather Enterprise”
- * Co-sponsored Winter Maintenance Peer Exchanges
- * Snow and Ice List Serve
- * Clearinghouse for winter maintenance research and activities
- * Conducted surveys for member states
- * Maintain International contacts through WRA Winter Service Technical committee participation
- * Help support CoM and the Maintenance Operations TWG



TRB Paper Award

Maintenance and Preservation Section Impacts on Practice Award in Winter Maintenance & Surface Transportation Weather

- ❄️ AKA - the “Lee Smithson Award”.... But we can’t name it that
- ❄️ Top 3 papers recommended to the TRR from the Winter Maintenance and the Surface Transportation Weather Committees
- ❄️ Nominations by March 15
- ❄️ Certificate award presented at the committee meeting that sponsored the paper



National Strategic Winter Maintenance Plan

- ❄️ Guidance from National Strategic Winter Maintenance Plan
- ❄️ 3-year cycle of strategic issues from member states
- ❄️ Steering committee members are champions for each issue

- 1: Explore optimal/adaptive snow plow route planning
- 2: Promote performance management for winter maintenance
- 3: Identify effective uses of Automated Vehicle Location (AVL) technologies for internal and external applications
- 4: Examine Connected and Automated Vehicle (CAV) technologies utilized in winter maintenance
- 5: Promote weather responsive traffic management to improve mobility and safety during weather events
- 6: Encourage liquid chemical use in winter operations
- 7: Evaluate winter operations techniques for use in moderate weather zones to improve resiliency



SICOP Talks Winter Ops



<http://SICOPTalksWinterOps.com>

SICOP Podcast discussing a host of winter maintenance topics with experts in the field.

12 Episodes produced
1,184 All time plays
98 average plays/episode

86% North America
8% Europe
4% South America
2% Asia

Subscribe on iTunes or
Google Play



Financials

	FY 15	FY 16	FY 17
Revenue	132,000	140,000	156,000
Expense			
Salaries	3,290	2,094	1,291
Benefits	1,645	1,142	817
Travel	16,507	12,487	13,608
Professional Services	90,808	83,903	87,579
Supplies	3,139	2,535	1,689
Overhead	3,139	2,535	1,689
Total	115,559	102,207	105,088



Outlook

- * Champions will develop and produce products guided by the National Strategic Winter Maintenance plan
- * Participate on NCHRP Project to update the AASHTO Snow and Ice Guide
- * Continue to support the Winter Maintenance Peer Exchange
- * Promote advances in technology
- * Snow and Ice List Serve
- * Clearinghouse for winter maintenance research and activities
- * Produce episodes of SICOP Talks Winter Ops
- * Explore opportunities to more actively support member states through reviews and technical assistance
- * No increases in the voluntary contribution is anticipated



Resources

SICOP: www.SICOP.transportation.org

SICOP Talks Winter Ops podcast: www.SICOPTalksWinterOps.com

SICOP winter maintenance news: www.facebook.com/aashtosicop

AASHTO Regional Representatives:

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Thanks for your attention



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