
Tools & Resources **THAT WORK!**



Session Overview

The Objectives of this Session are to:

1. Provide an overview of the International Association of Snowmobile Administrators (IASA),
2. Describe the range of tools and resources offered by the IASA and its partner organizations, and
3. Gather input and feedback from ISC delegates regarding the need for new or updated tools and resources.

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What is the IASA?

- The **International Association of Snowmobile Administrators** is a self-organized, nonprofit organization formed in 1974 to promote the sound management of organized recreational snowmobiling.
- Currently, the **IASA is comprised of professional** snowmobile program administrators representing 27 US States, 10 Canadian Provinces, 3 Canadian Territories, and 1 European Country, Sweden.



What is the IASA?

- **IASA is the leading source providing statistics, guidelines, and resources to its membership and the broader snowmobile and trail community.**
- **Areas of IASA interest include snowmobile safety; uniformity and enforcement of laws, rules, and regulations; International, Federal, State, Provincial, and Territorial cooperation and coordination; harmonious relationships with the environment and wildlife; the collection, development, and dissemination of information; and collaboration with other trail user groups.**

Who are IASA Members?



IASA welcomes as members, individuals responsible for professional administration of National, Federal, Provincial, State, or Territorial snowmobile programs.

- **American Members:** Typically State Employees
- **Canadian Members:** Typically Association Employees
- **Swedish Members:** Typically Association Employees

Vision

The snowmobiling experience is safe, enjoyable, and responsibly managed to protect the natural environment while providing sustainable recreation, health, and economic benefits for individuals and communities.

Mission

The **International Association of Snowmobile Administrators** is a nonprofit professional organization dedicated to fostering excellence in the management of organized snowmobiling.

Values

- The IASA is international in its perspective, and respectful of local priorities.
- IASA welcomes as members, individuals responsible for professional administration of National, Federal, Provincial, State, or Territorial snowmobile programs.
- We learn from each other, sharing best practices and fact-based information related to responsible snowmobiling and accountable administration.
- IASA and its members work openly and constructively with stakeholders and partners.

What are IASA Program Deliverables?

- Reports, Studies, and Data
- Programs and Initiatives
- Guidelines and Standards
- Policies and Positions
- Governance and Accountability
- Best Practices

Key Partner Organizations



U.S. Department of Transportation
Federal Highway Administration



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International Association of Snowmobile Administrators

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What Is It?

- IASA Web Site

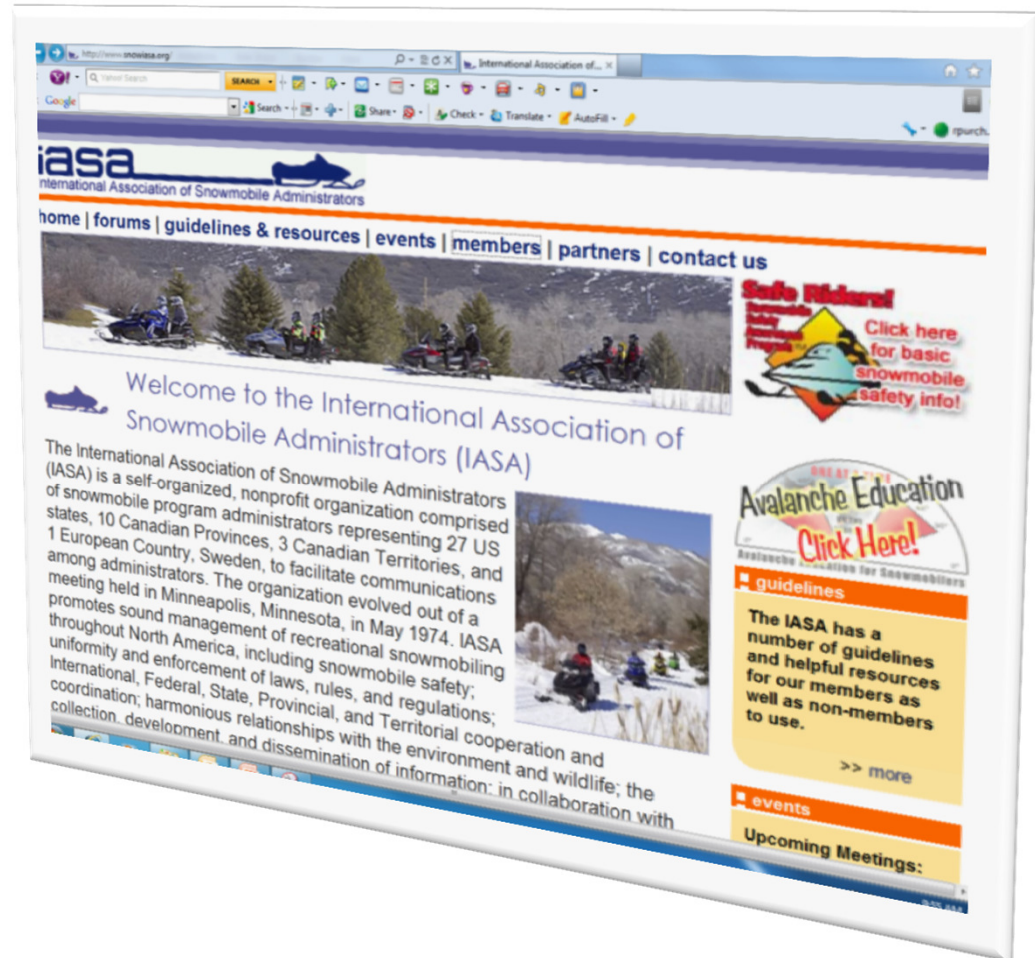
How Does It Help?

- Provides easy internet access to IASA information.
- Includes many downloadable tools and resources.
- Provides both public and members only areas.

Where Do I Find It?

- www.snowiasa.org

- HOME
- FORUMS
- GUIDELINES & RESOURCES
- EVENTS
- MEMBERS
- PARTNERS
- CONTACT US



What Is It?


- IASA Fact Sheet

How Does It Help?

- Provides a one page description of the IASA as a professional organization.
- Use to respond to questions in relation to the IASA as source organization for tools and resources.

Where Do I Find It?

- www.snowiasa.org
- guidelines & resources



IASA
International Association of Snowmobile Administrators

FACT SHEET

The **International Association of Snowmobile Administrators** is a self-organized, nonprofit organization formed in 1974 to promote the sound management of organized recreational snowmobiling.

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IASA is the leading source providing statistics, guidelines, and resources to its membership and the broader snowmobile and trail community.

Areas of IASA interest include snowmobile safety; uniformity and enforcement of laws, rules, and regulations; International, Federal, State, Provincial, and Territorial cooperation and coordination; harmonious relationships with the environment and wildlife; the collection, development, and dissemination of information; and collaboration with other trail user groups.

Past, current, and ongoing resources include IASA's International Snowmobile Directory, Guide to Snowmobiling in the USA and Canada by State and Province, Guidelines for Groomer Operator Training, Guidelines for Snowmobile Trail Signing and Placement, Renting Snowmobiles Successfully: A Guide to Best Business Practices, safety videos used with the Snowmobile Safety and You Manual, and Snowmobile Safety Education Minimum Guidelines.

The IASA meets annually in conjunction with the International Snowmobile Congress where IASA members can interact and network with the representatives of other snowmobile related organizations including the:

- International Snowmobile Council,
- International Snowmobile Manufacturers Association,
- International Snowmobile Media Council,
- Canadian Council of Snowmobile Organizations,
- American Council of Snowmobile Associations,
- US Forest Service, and the
- US Federal Highway Administration.

Between annual meetings, IASA Chapters follow active regional agendas in North East, Mid West, and Western North America.

IASA seeks to be proactive in developing cooperative solutions to common issues and opportunities. In this regard, the IASA has been very successful in advancing its mission and is recognized as an effective and forward thinking professional association.

Active IASA membership is a very good investment of time and resources! Federal, State, Provincial, and Territorial agencies with a stake in snowmobile program management have come to appreciate that active participation in the IASA provides significant return on their investment through the development of joint initiatives, sharing of best practices, and professional networking.

For more information, please visit:
www.snowiasa.com

Issue Date: March 2008

What Is It?


- IASA Global Climate Change Position Statement

How Does It Help?

- Provides a concise position on what climate change is and how it might effect organized snowmobiling.
- Based on a balanced, common-sense approach.
- Distribution is controlled to prevent misuse.

Where Do I Find It?

- Available through your IASA Administrator



IASA POSITION STATEMENT
- Global Climate Change -

As the lead organization promoting the sound management of organized recreational snowmobiling, the International Association of Snowmobile Administrators (IASA) has considered the subject of *global climate change* within the broad context of the organization's mission and has concluded the following:

1. Determining the likely parameters, possible contributing causes, and the efficacy of potential responses to *global climate change* is principally a scientific matter subject to the responsible peer review and validation processes established by the mainstream international scientific community.
2. Determining appropriate public policy response to the issues, challenges, and opportunities identified through scientific consensus related to *global climate change* is principally a political issue subject to international, national, state and provincial, and local decision making and accountability processes.
3. The significance and consequence of the possible impacts of *global climate change* are such that the subject should remain a priority for both scientific research and public policy development and approval.
4. The IASA will continue to monitor scientific agreement and political public policy development related to *global climate change* as understanding of the issue evolves to determine what, if any, action should be recommended to member organizations consistent with its organizational mission. In the meantime, the IASA will be guided by the following assumptions:
 - Climate conditions suitable for organized recreational snowmobiling will continue to exist in current IASA member jurisdictions for the reasonably foreseeable future.
 - The increased variability in seasonal winter conditions reported by snowmobile program managers in many IASA member jurisdictions is likely to continue and in some cases increase over the reasonably foreseeable future. Building enhanced flexibility and responsiveness to changing conditions into operational processes and practices is an appropriate immediate response.
 - The considerable progress made by every original equipment manufacturer in lowering new snowmobile emissions will continue in order to meet regulatory requirements as well as strong rider demand for cleaner and more efficient sleds.
 - ISMA member organizations will continue to encourage riders to take all reasonable steps to reduce the operational impacts of their vehicle on the natural environment, other recreationalists, and the community at large.
 - The very positive economic impact of organized snowmobiling can be maintained and grown while the recreational values of individual riders are met and progressively lower overall snowmobile emission levels are achieved.

* * *

- Approved at the IASA Annual Meeting, Boise Idaho, June 14, 2008 -

What Is It?

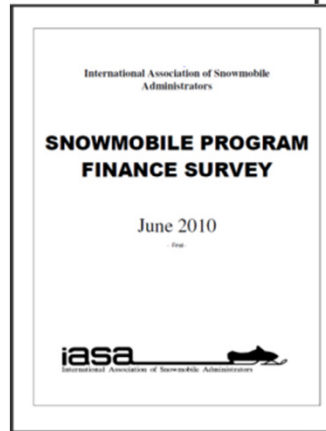
- IASA Snowmobile Program Finance Survey

How Does It Help?

- Describes revenue and expenditure streams within the snowmobile programs of individual IASA member jurisdictions.
- Not distributed beyond IASA membership to prevent misuse.

Where Do I Find It?

- Discuss with your IASA Administrator



2009/2010 SNOWMOBILE PROGRAM FINANCE SURVEY

Category	Revenue
Trail Development and Operation	\$1,121,000
Capital Equipment Acquisition	\$892,000
Safety Education and Awareness	\$50,000
Snowmobile Related Law Enforcement	\$0
Insurance and Risk Management	\$0
Other Programs and Services	\$0
TOTAL	\$1,993,000

2009/2010 SNOWMOBILE PROGRAM FINANCE SURVEY

Revenue by Category: United States

STATE	Trail Miles	RTP Funds	Registration Revenue	Gas Tax Revenue	Other Tax Revenue	User Permit Revenue	Other Revenue	TOTAL REVENUE	Revenue per Mile
Idaho	5,600	\$635,000	\$1,121,000	\$892,000	\$50,000			\$2,698,000	\$482
Indiana	192		\$89,950					\$89,950	\$468
Iowa	5,000	\$240,000	\$500,000					\$740,000	\$148
Maine	13,979	\$329,805	\$2,258,363	\$1,402,099	\$7,500			\$3,997,767	\$286
Massachusetts	2,300					\$218,910		\$218,910	\$95
Michigan	6,412	\$2,585,000	\$1,710,000	\$2,309,000			\$23,900	\$12,220,313	\$1,906
Minnesota	22,023	\$1,362,598	\$3,735,211	\$5,464,842		\$2,179,659	\$648,291	\$13,390,601	\$606
New Hampshire	6,900	\$300,000	\$3,500,000	\$1,088,000				\$4,888,000	\$710
New York	10,512	\$1,774,655	\$5,515,850				\$48,731	\$7,339,236	\$698
North Dakota	2,853	\$221,198	\$471,693	\$67,420	\$11,575			\$771,886	\$271
Oregon	6,410			\$820,000				\$820,000	\$128
Pennsylvania	1,887	\$450,000	\$327,146	\$1,000,000				\$1,777,146	\$1,053
South Dakota	1,610	\$100,000	\$180,000	\$370,000	\$250,000	\$9,960	\$83,000	\$892,960	\$617
Vermont	4,700	\$287,000	\$872,139	\$148,000		\$2,372,425		\$3,779,564	\$804
Washington	3,000	\$120,000	\$945,000	\$935,550				\$2,000,550	\$667
Wisconsin	18,708	\$65,347	\$2,475,400	\$4,756,588			\$418,230	\$7,715,565	\$412
Wyoming	3,200	\$400,000	\$744,000	\$540,000		\$744,000		\$2,428,000	\$809
TOTAL (US\$)	114,864	\$6,870,603	\$24,545,752	\$19,803,499	\$319,075	\$11,536,987	\$803,922	\$56,676,448	\$573

2009/2010 SNOWMOBILE PROGRAM FINANCE SURVEY

Expenditures by Category: United States

STATE	Trail Development and Operation	Capital Equipment Acquisition	Safety Education and Awareness	Snowmobile Related Law Enforcement	Insurance and Risk Management	Other Programs and Services
Idaho	54%	44%	2%			
Indiana	90%	5%			5%	
Iowa	20%	40%	10%	20%	10%	
Maine	88%	12%				
Massachusetts	35%	10%	10%	5%	30%	10%
Michigan	50%	20%	3%	18%	3%	6%
Minnesota	85%	2%	2%	10%		1%
New Hampshire	44%	20%	15%	15%	3%	3%
New York	78%	7%	1%	2%	5%	7%
North Dakota	70%	10%	5%	5%	10%	
Oregon	41%	31%		8%	12%	8%
Pennsylvania	20%	20%	10%	25%		25%
South Dakota	75%	10%	4%	6%	2%	3%
Vermont	70%	15%	3%	5%	5%	2%
Washington	70%	10%	10%	10%		10%
Wisconsin	78%			11%		1%
Wyoming	70%	15%				1%
AVERAGE:	61.1%	15.4%	5.0%	8.2%	5.0%	5.3%

What Is It?

- IASA Snowmobile Incident Report

How Does It Help?

- Provides annual summaries of reported incidents and fatalities by IASA member jurisdiction.
- Not distributed beyond IASA membership to prevent misuse.

Where Do I Find It?

- Discuss with your IASA Administrator

2009/10 Snowmobile Incident Report - Final IASA

2009/10 Snowmobile Incident Report - Final IASA

2009/10 Snowmobile Incident Report - Final IASA

Jurisdiction	Name	Organization	Title	Reported Fatalities	Reported Incidents	Registered Snowmobiles	Explanatory Notes
Alberta	Chris Brookes	Alberta Snowmobile Association	Executive Director			30,000	* Incident reporting figures not available at this time
Idaho	Troy Elmore	Idaho Department of Parks and Recreation	OHV Program Manager			43,911	There is no mechanism for recording snowmobile incidents in Idaho.
Illinois	David Sellman	IL Department of Natural Resources	Senior Grant Administrator			36,902	
Indiana	David Cox	Department of Natural Resources	Streams and Trails Specialist			10,372	Largest registration total in three years.
Iowa	David Downing	Iowa DNR Law Enforcement Bureau	Executive Officer			28,000	At the present time there is not a central depository for snowmobile accident data. Thus the incident data will not be accurate. A number of different jurisdictions investigate these incidents and many are not reported to the DNR.
Maine	Scott Ramsay	Department of Conservation, BPL-ORV	Director ORV Division			88,000	report complete to date as of April no update beyond that but winter ended early so should be 95% accurate.
Manitoba	Lora Beddall	Snowman-Snowmobilers of Manitoba	Stofund Administrator			30,000	No fatalities occurred on designated trails. Manitoba does not have access to tracking incidents; therefore this information is unknown.
Massachusetts	Rena Sumner	Snowmobile Association of Massachusetts	Executive Director			15,636	Fatal was on power lines (unmarked trail), 2 person/1 ded/deceased not wearing a helmet

June 2010 International Association of Snowmobile Administrators Page 1 of 4

What Is It?

- Guidelines for Snowmobile Trail Signing & Placement

How Does It Help?

- Provides guidelines for the effective placement of signs on recreational snowmobile trails.
- Source document for developing local signage programs.

Where Do I Find It?

- www.snowiasa.org
- guidelines & resources

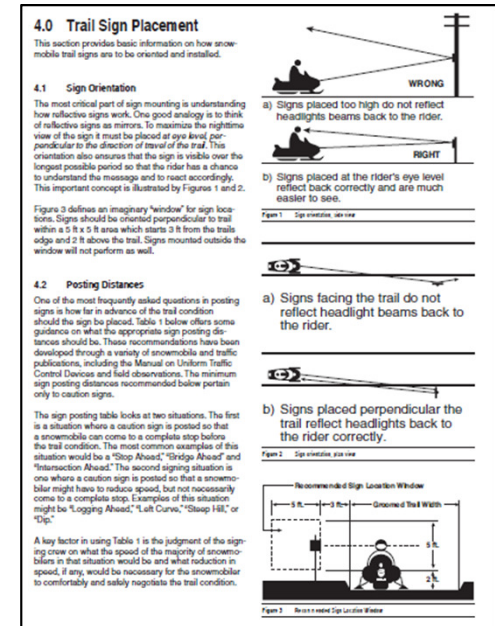


Table of Contents	
1.0 Introduction	4
2.0 Purpose of this Document	4
3.0 Trail Signing Requirements	4
4.0 Trail Sign Placement	5
4.1 Sign Orientation	5
4.2 Posting Distances	5
4.3 Mounting Considerations	7
5.0 Standard Trail Sign List	8
5.1 Regulatory Signs	8
5.2 Caution Signs	9
5.3 Trail Markers	11
6.0 Examples of Sign Use	11
6.1 Road Crossing	12
6.2 Bridge	13
6.3 Trail Intersection	14
6.4 Bump	15
6.5 Curve	16
6.6 Tight Turn	17
7.0 Corridor Setting	18
8.0 Acknowledgments	19

What Is It?

- Guidelines for Snowmobile Trail Groomer Operator Training


How Does It Help?

- Provide entities involved with snowmobile trail grooming a framework to train and certify their equipment operators.
- Source document for developing local grooming programs.

Where Do I Find It?

- www.snowiasa.org
- guidelines & resources

GUIDELINES for SNOWMOBILE TRAIL GROOMER OPERATOR TRAINING
A Resource Guide for Trail Grooming Managers and Equipment Operators
2005



Summary of Contents

- An Introduction to Trail Grooming Objectives, Principles, Snow Physics, and Grooming Steps
- Types of Grooming Equipment
- Managing Grooming Equipment, Operations, and Safety
- Tips for Operating Grooming Equipment
- Maintaining Grooming Equipment
- Record Keeping and Sample Forms
- Recommendations for Groomer Operator Certification
- Resources for Grooming Managers

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Available from www.snowmobilers.org

Chapter Three:

MANAGING GROOMING OPERATIONS, EQUIPMENT, and SAFETY

Grooming operations are typically the largest part of an entity's budget in terms of the capital costs to purchase equipment, the ongoing operational costs of grooming, and the costs associated with repair and maintenance.

While there is no perfect way to manage grooming operations, this section provides basic guidelines for the management of trail grooming equipment and operations. What equipment to purchase, who will operate it, how will it be scheduled, where it will be stored, and how it will be maintained are all critically important decisions that must be made to properly manage grooming equipment. While some of these decisions are far-removed from the grooming equipment operator, a basic understanding of the "big picture" helps facilitate a better, more effective grooming operation.

The Grooming Program Manager

Good quality grooming doesn't just happen by chance and will not be assured simply because new, fancy, or expensive equipment has been acquired for the grooming program. Successful grooming programs require a great deal of planning and management. And good equipment isn't a substitute for poor operators.

Regardless of the size of a grooming operation, it is recommended that there be a qualified manager in charge of the day-to-day grooming operation who understands heavy equipment operation and maintenance, trail grooming principles and practices, and snow mechanics. The ability to work with a diverse group of volunteers or employees, while balancing leadership and authority, is also a definite plus for this position.

The title of "grooming program manager" is important since it clearly defines the role of the individual filling the position. "Grooming" clearly indicates the focus of the job. "Program" suggests that grooming is a planned and coordinated activity which cannot be left to chance. "Manager" defines the role as coordinating and directing all aspects of the overall grooming program.

Particularly with volunteer club grooming operations, if a suitable candidate is not available within the existing organization, one needs to be recruited or hired. Typically, qualified heavy equipment managers who often are not busy in the winter months can be good candidates to recruit for this responsibility. An individual within the volunteer organization simply "taking" this job "because no one else will" is a recipe for disaster and should be avoided.

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Groomer Operator Training Resource Guide

Chapter 1:
Introduction to Trail Grooming

International Association of Snowmobile Administrators

Best Grooming Temperatures

- Generally, when using a drag, grooming should be suspended when the air temperature is below -25 F (-32 C) or above +40 F (+5 C) since extreme temps can cause snow to stick in the blades or build up on the packing pan enough of the time to make grooming a smooth trail impossible.

What Is It?

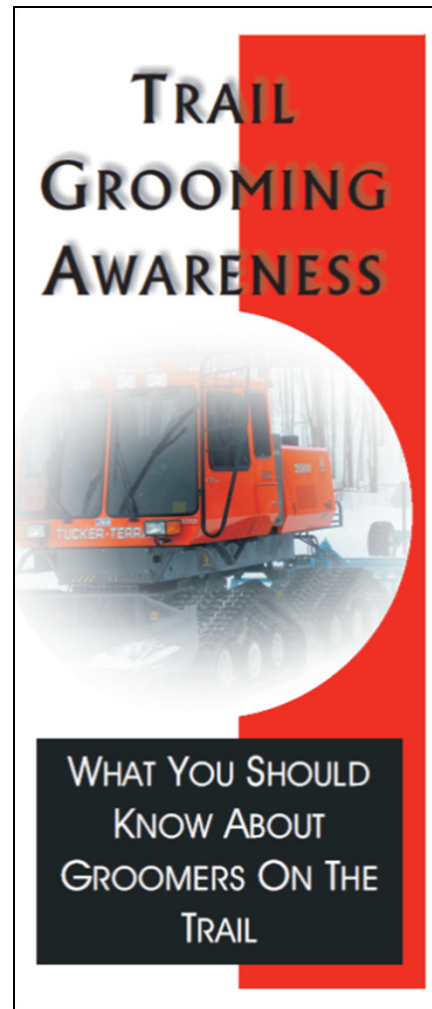
- Trail Grooming Awareness Brochure

How Does It Help?

- Brochure format intended increase individual snowmobiler awareness of the fundamentals of grooming operations.
- Source document for developing local grooming awareness programs.

Where Do I Find It?

- www.snowiasa.org
- guidelines & resources



WHERE'S THE GROOMER?

- Snowmobilers often, mistakenly, comment that "the groomers can't be doing their job because I've never seen one." If snowmobilers do not see grooming equipment on the trails, that is generally a good thing. Groomers should work at night or when snowmobile traffic is the lowest to ensure that grooming efforts are the most effective and that there is proper time for the freshly groomed trail to re-freeze and set up. Trail grooming is very expensive so every effort should be made to ensure that when grooming occurs, it will be effective and create trails that are as durable as possible.
- Groomers work at night so you can have better trails the following day. Give them a break and please do not follow them when they are working whether day or night.



Tips For Encountering Grooming Equipment On The Trail

Trail Quality and Set Up Time

Where's The Groomer?



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TIPS FOR ENCOUNTERING GROOMING EQUIPMENT ON THE TRAIL

- First, recognize that trail groomers may be working on the trail at any time. They are there in an effort to provide you with smooth, safe trails. Always keep your snowmobile under control and anticipate that a groomer might be around the next corner or over the hill.
- Snowmobiles are much smaller and much more maneuverable than groomers, so always yield to a groomer. Always slow down when approaching or overtaking grooming equipment. Groomers move very slowly, typically only 5 to 8 miles per hour, so they are almost stationary when compared to a snowmobile traveling 20 to 40 miles per hour.
- When approaching an oncoming groomer on the trail, slow down and move your snowmobile to the far right side of the trail. Realize that the grooming drag or bar behind the grooming tractor may be very wide, may extend wider than the tracks, and may essentially take up most or all of the trail's width. If the trail is narrow or winding, you may need to stop at the far outside edge of the trail to let the groomer pass.
- When overtaking a groomer from the rear, slow down and assess the situation ahead. If there is good sight distance and the trail ahead is clear of oncoming traffic, pass the groomer while operating with caution. Beware that the groomer may create snow out and make visibility poor. If the trail is narrow or winding, you may need to stay behind the groomer until the operator pulls over and signals for you to pass. Be patient because it may take time before there is a safe location and safe conditions for passing.
- If you need to stop a groomer to ask for information or assistance, understand this should be done only in an area where there is good sight distance and it is safe to stop. The groomer operator may request that you follow the groomer to a safe location where he can stop and provide the assistance you need.

TRAIL QUALITY AND TRAIL SET UP TIME

- Trail grooming requires that "set up" time be allowed for the freshly groomed trail to re-freeze. Set up time will vary depending upon temperature and moisture content of the snow. Generally two to six full hours may be needed for the freshly groomed trail to set up to where it is durable and will hold up to heavy snowmobile traffic.
- Try to avoid riding a snowmobile on freshly groomed trails for at least two hours after the groomer passes by choosing an alternate route to help improve the quality and durability of snowmobile trails. And never follow directly behind a groomer because it immediately distorts the trail.
- If you come upon a groomer and you must use that route, try to minimize impacts to the trail: slow down; try to stay off the fresh grooming if the trail is wide enough to safely do so; operate only at the outside edge of the fresh grooming; do in single file versus having everyone in the group take a different path on the fresh grooming; and don't purposely hit or power through the soft snow.
- Understand that aggressive riding styles can impact the quality and smoothness of the trails you ride on. Fast starts and stops, powering through curves, paddle tracks, cable numbers, traction devices, and powerful engines can all combine to destroy the smoothness of a trail. So the next time you "fill the back or track", think about how you may have innocently contributed to destroying the trail you would really prefer to be smooth.

What Is It?

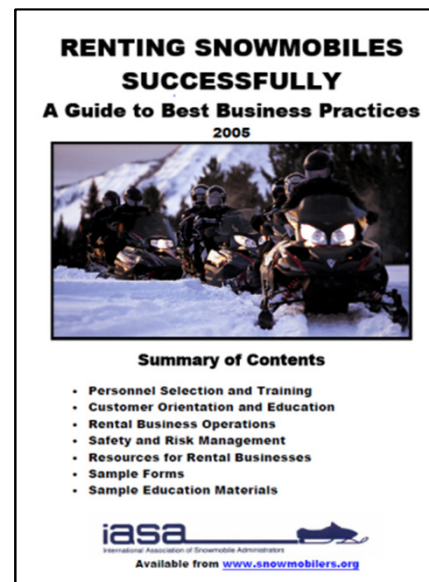
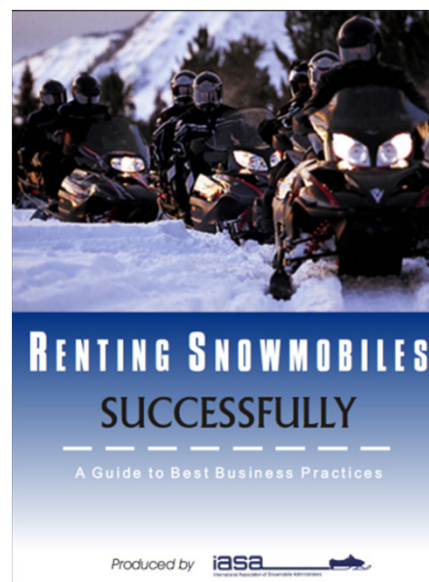
- Renting Snowmobile Successfully

How Does It Help?

- Provides recommendations and guidelines to help regulatory authorities, land managers, and businesses develop appropriate educational and operational guidelines for the snowmobile rental.

Where Do I Find It?

- www.snowiasa.org
- guidelines & resources



Snowmobile Rental Operator Orientation Checklist

EVERY OPERATOR OF A RENTAL SNOWMOBILE SHOULD BE ABLE TO:

- 1. Know the Snowmobile They Are Renting and Identify Its Key Controls.**
 - Know the capabilities, characteristics, and limitations of the snowmobile they are renting.
 - Identify key snowmobile controls: throttle, brake, lights, kill switch, and hand/thumb warmers.
- 2. Select and Use Suitable Protective Clothing.**
 - Understand temperature, precipitation, wind chill, and other factors in clothing selection.
 - Understand layering of undergarments for warmth, comfort, and moisture release.
 - Select a helmet, suit, and eye protection based on required features and desired characteristics.
 - Select mitts/gloves, boots, socks, face mask/balaclava, and sunglasses based on current and potential conditions.
- 3. Know Applicable Rules and Regulations.**
 - Understand and commit to practice courteous and responsible riding behaviors.
 - Possess required operator's license or endorsement, if required.
 - Possess required vehicle registration, and/or trail permit.
 - Know and understand local rules and regulations pertaining to a snowmobile's operation.
- 4. Safely Start, Operate, and Control the Snowmobile.**
 - Conduct a pre-operation check of the vehicle and immediate operation area.
 - Safely start, monitor, and shut down the snowmobile's engine.
 - Demonstrate ability to control the snowmobile's speed, direction, and braking.
 - Demonstrate basic hand signals and compliance with regulatory signage.

5. Maintain, Troubleshoot, and Secure the Snowmobile.

- Perform routine snowmobile maintenance such as gasoline and oil injection replenishment.
- Understand basic troubleshooting such as drive belt and spark plug replacement.
- Understand how to secure the snowmobile by key removal, and proper protocol for parking.

6. Identify and Select Appropriate Snowmobiling Opportunities.

- Know the general extent and nature of area snowmobile trail systems.
- Know the general extent and nature of off-trail or cross-country snowmobile opportunities in the area.
- Understand area closures and restrictions and their purpose.

7. Use Communication and Travel Aids.

- Understand and be able to use maps to assist in effective snowmobile travel.
- Understand directional and informational signage related to snowmobiling.
- Know the availability of weather reports, trail condition reports, information boards, etc.
- Know the importance of leaving anticipated destination and return time information.

8. Understand and Manage Potential Risks and Impacts.

- Understand the risks that may be encountered while operating the snowmobile.
- Understand the available resources and strategies for coping with common risks.
- Know the coverage requirements, and options for, snowmobile damage and personal liability insurance.
- Know the potential environmental impacts of snowmobiling and how to minimize or prevent them.

I HAVE BEEN INSTRUCTED ON AND UNDERSTAND THE RULES AND INFORMATION PROVIDED IN THIS ORIENTATION FOR THE OPERATION OF A RENTAL SNOWMOBILE.

Signature of Snowmobile Renter Date _____

Signature of Rental Agent/Outfitter Date _____

What Is It?

- Safe Riding is Great Riding Pocket Guide

How Does It Help?

- Pocket guide format intended increase individual snowmobiler awareness of safe snowmobiling practices.
- Source document for developing local safety awareness programs.

Where Do I Find It?

- www.snowiasa.org
- guidelines & resources



Table of Contents

- Section 1 - Before You Ride
 - Trailering and Towing
 - Tilt-Bed Trailers
 - Flat-Bed Trailers
 - Enclosed Flat-Bed Trailers
 - Personal Items
 - Safety Equipment
 - Emergency Kit
 - Notify Reliable Person(s)
 - Pre-Ride Checklist
- Section 2 - Safety
 - Hand Signals
 - Planning
 - Tools
 - Trail Signs
 - First Aid
- Section 3 - Riding
 - Riding Apparel
 - Starting Your Machine
 - Riding Positions
 - Riding in a Group
 - Passengers
 - Riding Alone
 - Night Riding
 - Where's the Groomer?
 - Tips for Encountering Grooming Equipment on the Trail
 - Trail Quality and Trail Set Up Time
 - Sedler's Pledge
- Section 4 - Laws
 - Registration
 - Roads
 - Violations
 - Restrictions
 - Properties
 - Snowmobiler's Code of Ethics

Table of Contents

- Section 5 - Parts
 - Hood and Engine
 - Other Fluid Levels
 - Lights and Mirrors
 - Dashboard
 - Key Parts
 - Steering and Skis
 - Traction Devices
 - Belt and Clutch
- Section 6 - Maintenance
 - Fall Preparation
 - Spring Preparation
- Section 7 - Emergencies
 - Struck
 - Stranded
 - Safety Devices
 - Keeping Warm
 - Towing
 - Injuries
- Section 8 - Dangers to Avoid
 - Alcohol
 - Avalanche Safety
 - Ice
 - Over Riding Headlights
 - Speed
 - Vehicles

What Is It?

- Evaluation of ATV Use on Groomed Snowmobile Trails

How Does It Help?

- Provides an objective analysis of the effects of ATV use on groomed snowmobile trails.
- Does not encourage or discourage concurrent ATV use on groomed trails.
- Provides better information to help them make objective fact-based local decisions.

Where Do I Find It?

- www.snowiasa.org
- guidelines & resources

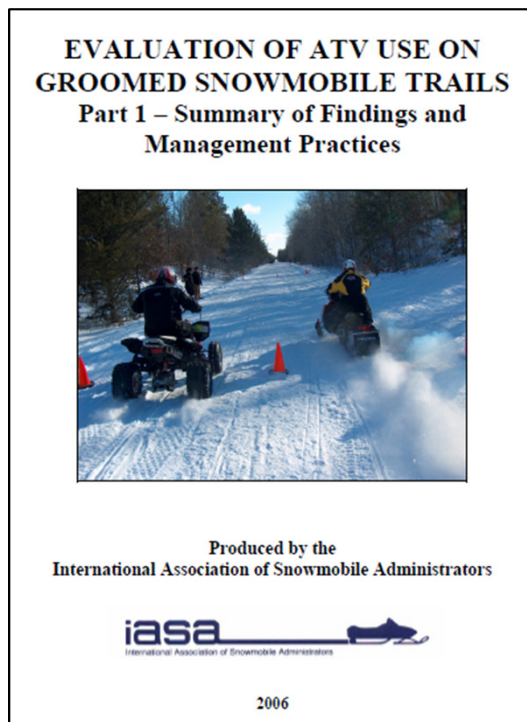


TABLE OF CONTENTS

Part 1 – Summary of Findings and Management Practices

ACKNOWLEDGMENTS AND DISCLAIMERS 3

PART 2 – APPENDICES TABLE OF CONTENTS 5

LIST OF FIGURES AND TABLES 5

LIST OF PHOTOS WITH CREDITS 5

INTRODUCTION AND SUMMARY OF FINDINGS 6

 Background 6

 Survey of Trail Managers – Executive Summary 7

 Field Testing – Executive Summary 8

 Summary of Results 9

CHAPTER ONE: SUGGESTED MANAGEMENT PRACTICES AND DECISION FACTORS 13

 ‘Twelve Factors to Consider’ Regarding ATV Management and Concurrent Winter Use 13

 1. Funding 13

 2. Shoulder Season Regulation and Management 13

 3. Liability Insurance 14

 4. Landowner Permission 14

 5. Geography of the Trail System 14

 6. Trail Compaction and Grooming 15

 7. Snow Characteristics 15

 8. Local Weather Patterns 16

 9. Potential Use Patterns 16

 10. 2WD versus 4WD ATVs 17

 11. Off-Season Trail Maintenance 17

 12. Potential for Partnerships 18

Management Practice Examples 18

 Examples of Laws/Regulations that Prohibit Concurrent ATV Use 18

 Examples of Shared Operation Agreements 19

 Examples of Laws/Regulations/Policies that Allow Concurrent ATV Use 19

 Concurrent ATV/Snowmobile Use Case Studies 20

 Recommendations for Managing Off-Season ATV Impacts 21

CHAPTER TWO: SURVEY OF TRAIL MANAGERS RESULTS 24

 Concurrent Snowmobile/ATV Use – Where is it Allowed or Not Allowed? 24

 Conflict and Crash Rate Information 25

 Ranking of Potential Off-Season Impacts 29

CHAPTER THREE: FIELD STUDY RESULTS 33

 Background and Need 33

 Field Study Goals 33

 Field Study Procedures and Testing Protocol 34

 The Field Test: Range of Actual Conditions 35

 The Results 36

 Slow/Normal Operation 36

 Aggressive Starts 37

 Fast Pass-By 37

 Aggressive Stops 37

 Curve Pass-By 41

 Hill Pass-By 41

 35 mph/56 kph Pass-By Stopping Distance 42

 Operation on Trail with New, Ungroomed Snowfall 45

TABLE OF CONTENTS - continued

 ATV Stuck When Off the Compacted Trail 45

 Snowmobile Ski Drag Grooves on the Trail 45

 ATV Operation on Heavily Mangled Trails 45

 Summary of Field Testing Observations 46

 These Results as Compared to the 1984 Idaho Study 47

REFERENCES 48

APPENDIX CONTENTS 48

Part 2: APPENDICES A – D

(Only available electronically from IASA at www.snowiasa.org or ACSA at www.snowmobilers.org)

APPENDIX A: Summary of Daily Field Testing Journals with Photo Documentation (58 pages); a compilation and documentation of conditions, vehicles used, and results from the fifteen different test sites used to gather information for this project, including 150 photographs from the field test.

APPENDIX B: Survey of Trail Managers (2 pages); a sample of the survey form used for the Trail Manager Survey.

APPENDIX C: Field Study Report Form – Cover Sheet (2 pages); a sample of the cover sheet used to document conditions and vehicles used for each field test.

APPENDIX D: Field Study Daily Test Log (2 pages); a sample log form used to record results from each vehicle operated during the field testing.

LIST of EXHIBITS and TABLES

Page Exhibit Table Number and Title

9 Exhibit 1: Summary of Field Testing General Observations

24 Table 1: Total Miles/KM of Concurrent Use Trails

25 Table 2: Jurisdictions That Have Some Level of Legal Concurrent Snowmobile/ATV Use on Groomed Snowmobile Trails – Ranked by Total Miles/KM Classified as Open to ATV.

26 Table 3: Jurisdictions That Do Not Allow Any Concurrent Snowmobile/ATV Use on Groomed Snowmobile Trails

30 Table 4: Potential Off-Season Impacts – Comparison as “Top 5” and “Bottom 5” Issues

31 Table 5: Potential Off-Season Impacts – Average and Individual Rankings of Degree of Problem with the Most Frequent Response Highlighted in bold

36 Table 6: Slow Start/Stop Pass-By – Summary of Depth Impressions by Vehicle and Location

38 Table 7: Aggressive Starts – Summary of Depth Impressions by Vehicle and Location

39 Table 8: Fast Pass-By – Summary of Depth Impressions by Vehicle and Location

40 Table 9: Aggressive Stops – Summary of Depth Impressions by Vehicle and Location

41 Table 10: Curve Pass-By – Summary of Depth Impressions by Vehicle and Location

42 Table 11: Uphill Pass-By – Summary of Depth Impressions by Vehicle and Location

42 Table 12: Comparison of Control ATV’s 35 mph/56 kph Average Stopping Distance by Trail Surface

43 Table 13: 35 mph/56 kph Pass-By Average Stopping Distance – Summary by Vehicle and Location

44 Table 14: Comparison of Average Stopping Distance at 35 mph/56 kph – ATVs versus Snowmobiles

LIST of PHOTOS with credits

Page Photo Number / Description / Credit

Cover Cover Photo – Ivan Ravn, Wisconsin field testing. Kim Raap

What Is It?

- Camera ready inserts.

How Does It Help?

- Provides a range of graphic images ready to place in magazines, websites, maps, and other publications.
- Supports international messaging at the local level.


Where Do I Find It?

- www.snowiasa.org
- guidelines & resources

SNOWMOBILER'S CODE OF ETHICS


A snowmobiler will...

1. Be a good sports enthusiast and recognize that people judge at snowmobilers by your actions. A snowmobiler will use their influence with other riders and owners to promote fair conduct.
2. Not litter trails or trailheads. Nor will they pollute streams or lakes by their actions.
3. Not damage living trees, shrubs, or other natural features. They will go only where there is sufficient snow cover so as to not damage the land.
4. Will respect public and private landowners' property and rights.
5. Will lend a helping hand when they see someone in distress.
6. Will make themselves and their vehicle available to assist search and rescue efforts.
7. Will not interfere with or harass other trail users, other snowmobilers or other winter sports enthusiasts. They will respect the rights of other trail users to enjoy the winter recreational opportunities.
8. Will know and obey all federal, state, provincial, and local rules regulating the use of snowmobiles.
9. Will not harass wildlife and will avoid areas posted for the protection or feeding of wildlife.
10. Will stay on marked trails when operating in areas where snowmobile use is restricted to trails. Will obey all traffic laws when operating upon plowed roadways designated as open to snowmobiling.




Sledder's Pledge

1. I will never drink and drive a snowmobile.
2. I will drive within the limits of my machine and my own abilities.
3. I will obey the rules and laws of the state or province I am visiting.
4. I will be careful when crossing roads, and always cross at a right angle to traffic.
5. I will keep my machine in top shape and follow a pre-op check before each ride.
6. I will wear appropriate clothing, including gloves, boots, and eye protection.
7. I will let family or friends know my planned route, my destination, and my expected arrival time.
8. I will treat the outdoors with respect. I will not litter or damage trees and other vegetation.
9. I will respect other peoples' property and rights, and lend a hand when I see someone in need.
10. I will not snowmobile where prohibited.



KNOW & USE HAND SIGNALS

Name or Description	Hand Signal
Right Turn	Left arm raised or shoulder height, elbow bent, and forearm vertical with palm of hand flat.
Left Turn	Left arm extended straight out from shoulder and pointing in the direction of the turn.
Stop	Arm raised from the shoulder and extended up over the head with palm of hand flat.
Braking	Left arm extended out and down from the side of the body with a downward flipping motion of hand to signal warning or caution.
Clearing Snow	Left arm raised or shoulder height, elbow bent and forearm vertical, and hand moves arm from left to right over head, pointing to right side of trail.
Back Following	Arm raised, elbow bent with thumb pointing backward in hitch-hiking motion, move arm forward to backward over your shoulder.
Left Back-Up	Left arm raised or shoulder height, elbow bent and forearm vertical with hand clenched in a fist.




SNOWMOBILING Do's & Don'ts

SNOWMOBILING Do's

- Know the local hazards and forecasted weather conditions.
- Understand the importance of protective equipment and proper riding while riding a snowmobile.
- Be alert and constantly scan the trail or riding area for other snowmobilers, trail users, and hazards.
- Ride defensively, be courteous, and use common sense.
- Follow the rules of the road and abide by all trail signs.
- Steer clear of restricted areas and respect environmentally sensitive areas.
- Know the operational characteristics of the snowmobile, along with its capacities and limitations: vehicle's range based upon normal fuel capacity and consumption, stopping ability, distance, maneuverability/steering capability, ability in deep snow, ability on steep side slopes, etc.
- Respect the rights of all other winter recreationists.
- Obey posted speed limits.
- Know the assumed risks and potential consequences of careless or reckless behavior while riding a snowmobile, including the potential for fines or injury.

SNOWMOBILING DON'TS

- Do not operate at high speeds, especially when near houses, buildings, livestock, wildlife, bathheads, or other recreationists.
- Do not use alcohol or drugs.
- Do not engage in reckless, careless, or inappropriate behavior.
- Do not overload a snowmobile or ride double unless the snowmobile is designed for 2 passengers.
- Do not get too close to other snowmobilers or other recreationists.
- Do not operate the snowmobile in areas with limited snow cover or on bare ground.
- Do not disturb wildlife or livestock.
- Do not ignore sudden changes in weather conditions.
- Do not disobey local, state/provincial, or federal snowmobile rules, regulations, and policies.
- Do not allow the snowmobile rental unit to be operated by anyone who has not completed the required rental orientation, training, and rental agreement documentation.
- Do not disobey rental company guidelines, instructions, or policies.



What Is It?

- Safe Rider Snowmobile Safety Awareness Program

How Does It Help?

- Provides an on-line interactive safety awareness program.
- Includes interesting content and quizzes.
- Supplements state and provincial snowmobile safety programs.

Where Do I Find It?

- www.snowiasa.org
- Logo provides link >



Home <ul style="list-style-type: none">OverviewPartnersHistoryTest yourselfContacts	Riding <ul style="list-style-type: none">ApparelStartingPositionsIn a GroupPassengersRiding AloneNight RidingSnow ConditionsResponsibilitiesSection Quiz	Emergencies <ul style="list-style-type: none">StuckStrandedSafety DevicesKeeping WarmTowingInjuriesSection Quiz
Before you ride <ul style="list-style-type: none">Trailer and TowingPersonal ItemsSafety EquipmentEmergency KitNotify Person(s)ChecklistSection Quiz	Laws <ul style="list-style-type: none">RegistrationRoadsViolationsRestrictionsSection Quiz	Danger to avoid <ul style="list-style-type: none">AlcoholSpeedDriving Too CloseOver Riding HeadlightsIceAvalanchesVehiclesCarelessnessCase StudiesSection Quiz
Safety <ul style="list-style-type: none">Hand SignalsPlanningToolsIce SafetyTrail SignsAvalanche SafetyFirst AidSection Quiz	Parts <ul style="list-style-type: none">Hood & EngineFluidsLights & MirrorsDashboardSteering & SkisTraction DevicesBelt & ClutchSection Quiz	Site Map <ul style="list-style-type: none">Terms & ConditionsAcknowledgementDisclaimerContacts
	Maintenance <ul style="list-style-type: none">Fall PreparationSpring StorageSection Quiz	



What Is It?


- Avalanche Education Repository

How Does It Help?

- One-stop on-line resource.
- Helps build local programs to educate snowmobilers about recreating in avalanche terrain.
- Helps snowmobilers locate current information about recreating in avalanche terrain.

Where Do I Find It?

- www.snowiasa.org
- Logo provides link >



Avalanche Education for Snowmobilers

Avalanche Education for Snowmobilers
Welcome to Avalanche Education for Snowmobilers.

Avalanches come in many shapes and sizes and have injured or killed a growing number of snowmobilers over the past decade. Since even the smallest slides can be dangerous if you are in the wrong place at the wrong time, learning to recognize avalanche terrain is the first step toward snowmobiling more safely when riding in the mountains.

Most avalanche accidents can be avoided with simple education and preparation, so select one of the topics below to learn more about avalanches, how to make informed decisions, and how to travel more safely when snowmobiling in avalanche terrain.

Have fun on the slopes – but make sure you respect the terrain and make good decisions so that you, your family, and friends can return home safe and uninjured.

AVALANCHE FORECAST CENTERS
Avalanche Forecast Centers provide a quick gateway to most avalanche-related information on the web. Select the avalanche center nearest you for information about local avalanche forecasts, educational classes, statistics, and general avalanche information. (<http://www.avalanche.org/>)


AVALANCHE COURSE PROVIDERS
Search avalanche educational training classes by state or province at Avalanche.org. You may also contact Avalanche.org or snowmobiling organizations and agencies in your local area for more information about avalanche education training opportunities. (<http://www.avalanche.org/~education/>)

ON-LINE AVALANCHE EDUCATION TUTORIALS
The following web sites provide interactive on-line avalanche education lessons and information that incorporate a variety of reading, tests, and videos to provide learning opportunities for beginners to advanced winter recreationists. Spend some time reviewing this information to help ensure your next trip to avalanche country is a safe one for you and your companions.

Canadian Avalanche Association
Avalanche First Response Training: This is the grand daddy of on-line tutorials; you can spend 30 minutes or several hours on this if you take all the extra lessons. It has material for skiers and snowmobilers, with top-notch video clips. (<http://access.ilbc.bc.ca/avalancheFirstResponse/index.htm>)

U.S. Forest Service National Avalanche Center
Take the **Avalanche Basics** class first, then the **Interactive Backcountry Tour**. This site is a good option for beginners or for those with a slower connection since it's not too video heavy. (<http://www.avalanche.org/%7Etnac/>)

IASA/ACSA Safe Riders! Snowmobile Safety Awareness Program
On-line snowmobile safety awareness program that covers **Avalanche Safety** in the **Safety Section**. Includes an interactive chapter quiz. (http://www.snowmobilers.org/saferider/safer/qaq_06.html)



Avalanche Education Repository for Snowmobile Educators

Avalanche Education Repository
Welcome to the Avalanche Education Repository for Snowmobile Educators.

Avalanches have injured or killed a growing number of snowmobilers over the past decade. But since most avalanche accidents can be avoided with simple education and preparation, it is increasingly important to teach snowmobilers about avalanches, how they can make informed decisions, and how to travel more safely when they are snowmobiling in avalanche terrain.

Riders are increasingly pursuing challenges and fun on the slopes – but they need more education to help them respect avalanche terrain and make better decisions so they return home safe and uninjured.

This Education Repository has been assembled by IASA with financial assistance from the Recreational Trails Program administered by the U.S. Department of Transportation Federal Highway Administration (FHWA) with the purpose of – to the extent possible – providing a 'one-stop' source of information to help professional educators build local programs for educating snowmobilers about recreating in avalanche terrain.

The categories below provide links to avalanche education information which is provided by a wide range of avalanche agencies and professionals. Or visit Avalanche.org which is the gateway to most avalanche-related information on the web.

AVALANCHE FORECAST CENTERS
Sources of information for local avalanche forecasts, educational classes, statistics, and general avalanche information. Avalanche.org is the gateway to all avalanche centers worldwide.

ON-LINE AVALANCHE EDUCATION TUTORIALS
Links to on-line avalanche education lessons and information. These tutorials incorporate reading, tests, and/or videos to provide a wide variety of interactive learning opportunities – for beginners to advanced winter recreationists.

ON-LINE AVALANCHE EDUCATION RESOURCES
A wide selection of web-based educational information and avalanche training materials.

AVALANCHE ACCIDENT AND INCIDENT STATISTICS
A range of information regarding avalanche accidents and incidents from the worldwide, national, and local perspectives.

ON-LINE AVALANCHE PHOTOS
A variety of photos available on-line showing avalanche incidents from several areas.

ON-LINE AVALANCHE VIDEO
On-line video clips of avalanche incidents.

ON-LINE AVALANCHE COURSE HANDOUTS AND OUTLINE
Education course handouts, outlines, and guidelines from a variety of training providers.

DOWNLOADABLE POWER POINT PROGRAMS
Power Point training programs available for downloading.

DOWNLOADABLE EDUCATIONAL GRAPHICS, POSTERS, PHOTOS, AND MOVIE CLIPS
Avalanche educational graphics, posters, photos, and movie clips available for downloading.

ON-LINE LIBRARIES RELATED TO AVALANCHES AND SNOW
Supplemental reading and reference materials that is available on-line.

AVALANCHE VIDEOS
Supplemental training videos available for purchase.

AVALANCHE BOOKS
Supplemental reading and reference materials available for purchase.

AVALANCHE COURSE PROVIDERS
Search avalanche educational training classes by state or province at Avalanche.org.

What Is It?

- Zero Alcohol Campaign Tool Kit

How Does It Help?

- Provides a range of support materials that participating international organizations can use to advocate a clear and consistent “no alcohol” approach as the smartest choice individuals can make before and while snowmobiling.

Where Do I Find It?

- Available through your IASA Administrator



A. 10 REASONS TO ADOPT THE ZERO ALCOHOL POSITION

- ◆ The Zero Alcohol approach will save lives and reduce injuries.
- ◆ Alcohol increases the risk of other factors such as excessive speed, night riding, ice, road crossings or riding unfamiliar terrain.
- ◆ Alcohol increases the risks associated with snowmobiling to an unacceptable level.
- ◆ Snowmobiling takes place in an unpredictable and uncontrollable natural setting.
- ◆ Snowmobiles offer fewer structural and safety features to protect participants, being more like motorcycles than automobiles.
- ◆ Alcohol research clearly shows that at a Blood Alcohol Concentration (BAC) of .08% a person is 11 times more likely to get killed while driving a car than at .00% BAC.
- ◆ Impairment starts with the first drink.
- ◆ Zero Alcohol is a good news story that will help change public perception of snowmobiling.
- ◆ Zero Alcohol is an excellent risk management strategy that will help protect our overall insurability and reduce liability.
- ◆ Within the context of the Go Snowmobiling Campaign, Zero Alcohol is a positive factor in recruiting new participants.

PRINT GRAPHICS
1. ZERO ALCOHOL LOGO

A. B. C.

2. POSTER GRAPHICS

A. B. C. D.

3. MAP ADS

A. B. C. D.

TABLE OF CONTENTS

1.0 // 'ZERO ALCOHOL - YOUR SMART CHOICE' CAMPAIGN PAGE 5

A. Introduction.
 B. Getting Started.
 C. Discretionary Distribution.

2.0 // QUICK REFERENCE GUIDE PAGE 9

A. 10 reasons to adopt the Zero Alcohol position.
 B. 6 Points to make in a media interview.
 C. 5 ways to promote Zero Alcohol on the website.
 D. 5 ways to promote Zero Alcohol via print media.
 E. 4 ways to maximize promotion of Zero Alcohol on the radio.
 F. 2 ways to promote Zero Alcohol at meetings and special events.
 G. A million ways to use the Zero Alcohol logo.

3.0 // THE TOOL KIT PAGE 15

A. Component Summary.
 B. Component Description and Use.

4.0 // IASA POSITION STATEMENT PAGE 25

5.0 // THE CASE FOR ZERO ALCOHOL PAGE 27

What Is It?

- ACSA Website

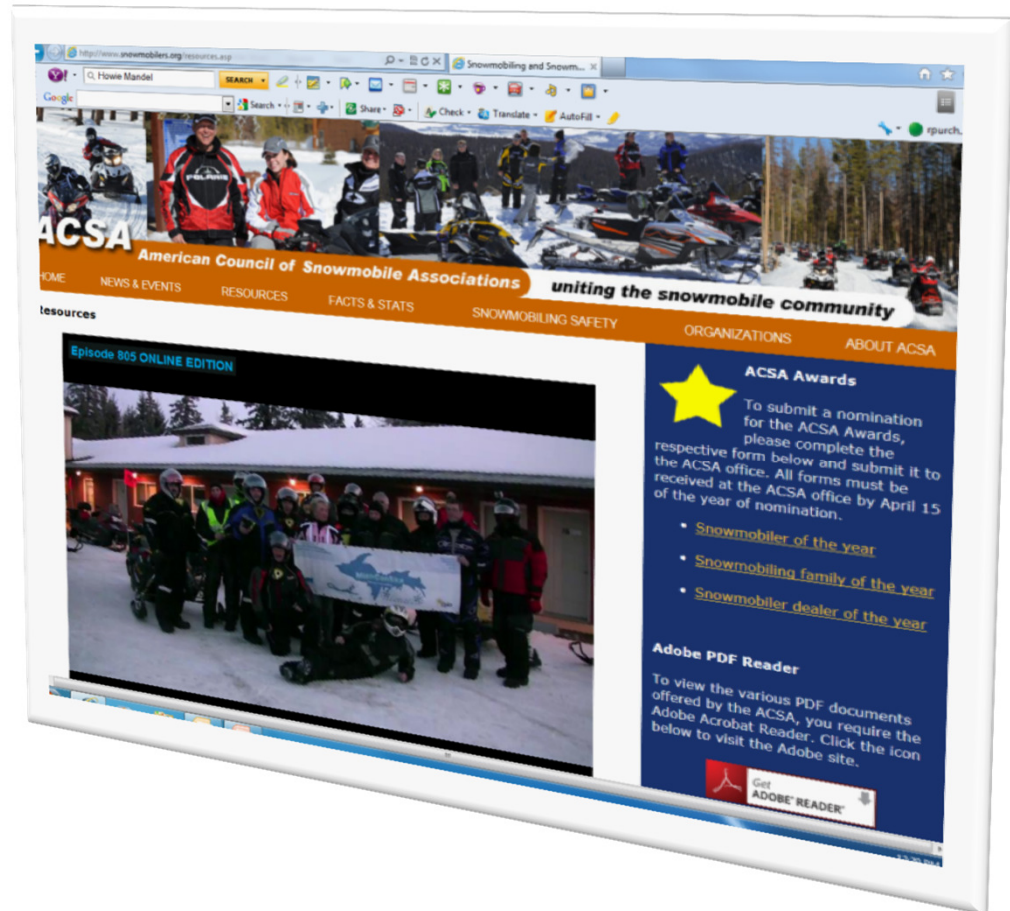


How Does It Help?

- The American Council of Snowmobile Associations (ACSA) website contains a broad and growing range of tools and resource's for state snowmobile associations.

Where Do I Find It?

- www.snowmobilers.org



What Is It?

- CCSO – CCOM Web Site

How Does It Help?

- The Canadian Council of Snowmobile Organizations (CCSO) website contains information including tools and resource's for provincial and territorial snowmobile associations.

Where Do I Find It?

- www.ccsso-ccom.ca



What Is It?

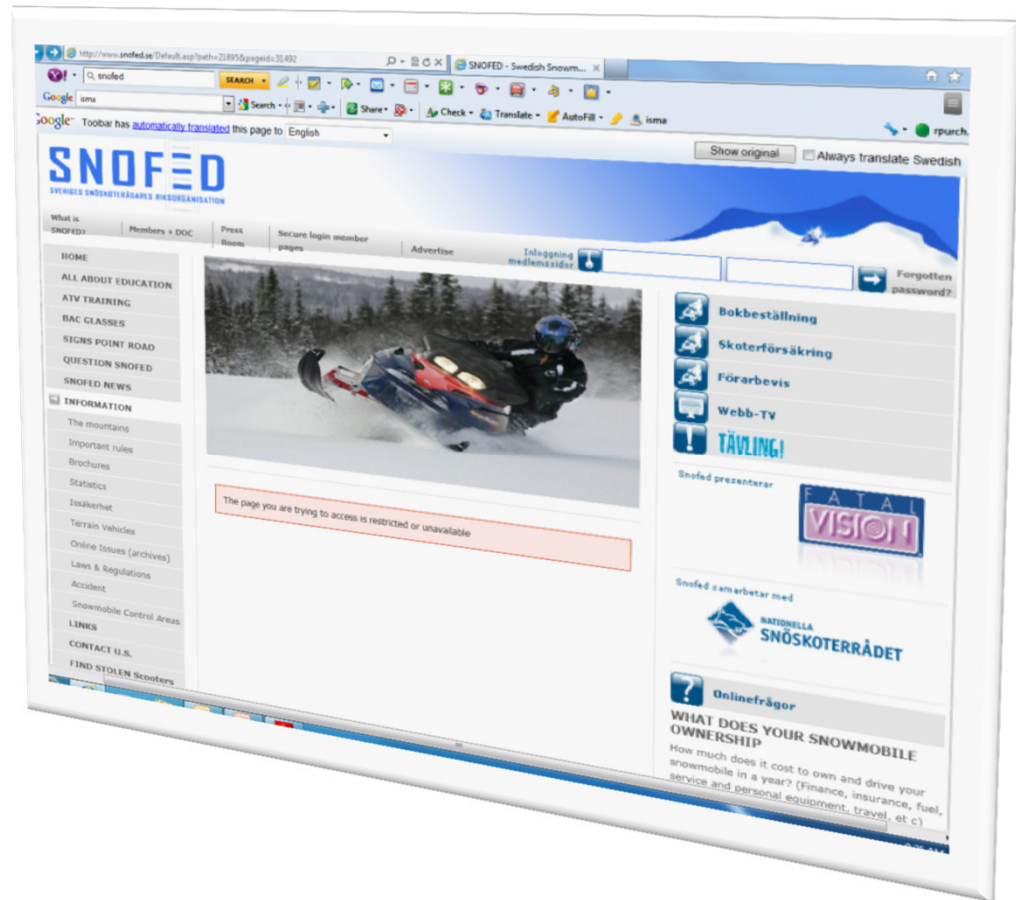
- SNOWFED Website

How Does It Help?

- The Swedish Snowmobile Owners Federation Organizations (SNOFED) website contains a broad range of information including tools and resources.
- Translation tools are easily available.

Where Do I Find It?

- www.snofed.se



What Is It?

- ISMA Web Site

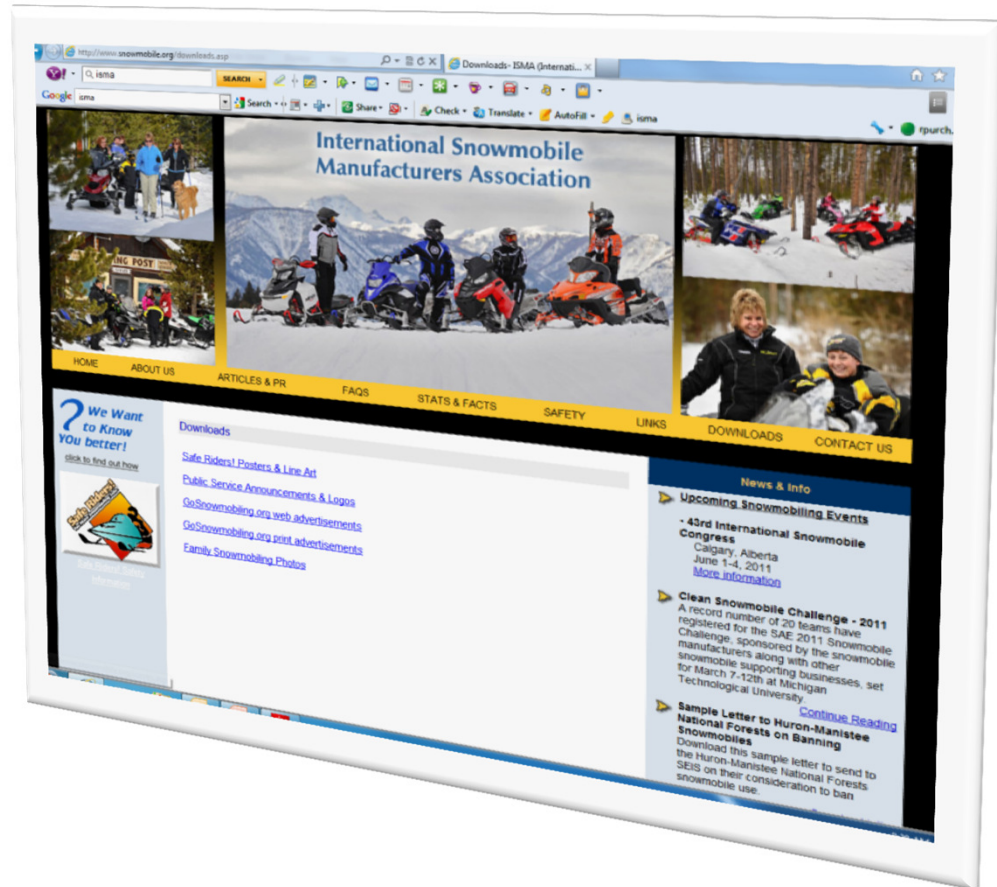


How Does It Help?

- The International Snowmobile Manufacturers Association (ISMA) website contains a broad range of resources for both individual snowmobilers and enthusiast organizations.

Where Do I Find It?

- www.snowmobile.org



What Is It?

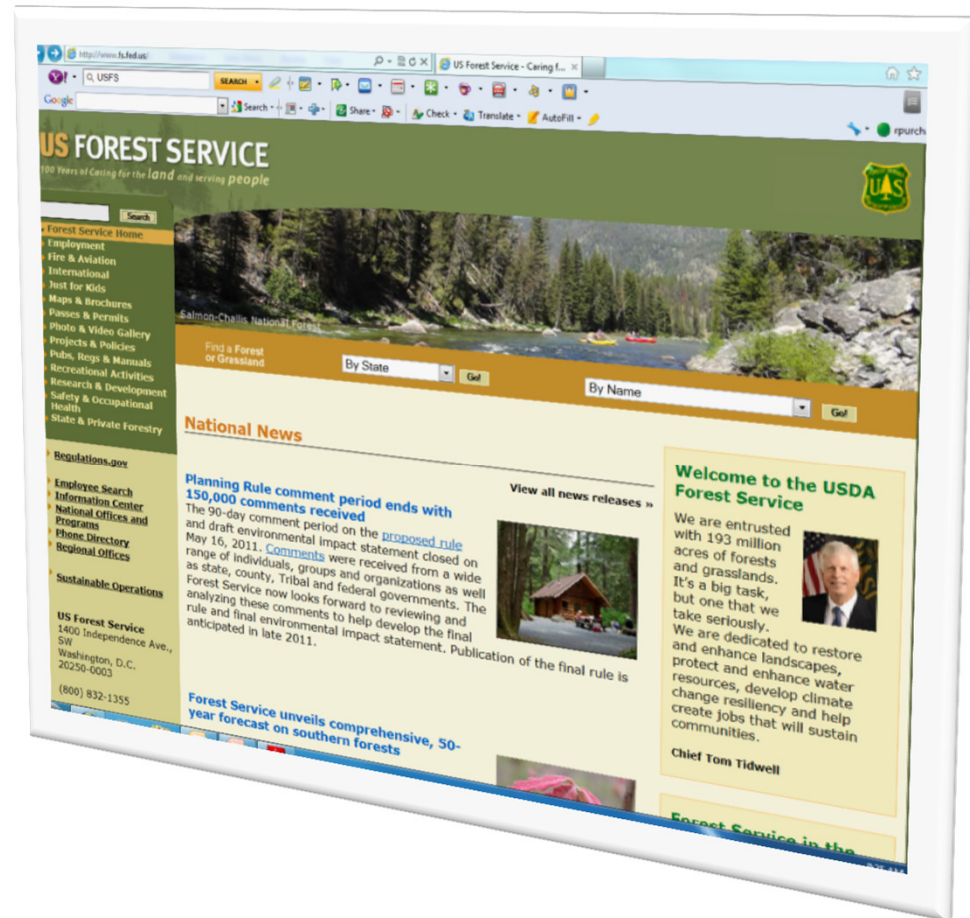
- USFS Web Site

How Does It Help?

- The US Forest Service web site provides a range of information consistent with its role as the manager of public lands in national forests and grasslands,

Where Do I Find It?

- www.fs.fed.us



What Is It?

- FHWA Web Site

How Does It Help?

- The U.S. Federal Highway Administration (FHWA) website contains a range of information specific to the Recreational Trails Program.

Where Do I Find It?

- www.fhwa.dot.gov/environment/rectrails/



U.S. Department of Transportation
Federal Highway Administration



Session Overview

The Objectives of this Session are to:

1. Provide an overview of the International Association of Snowmobile Administrators (IASA),
2. Describe the range of tools and resources offered by the IASA and its partner organizations, and
3. Gather input and feedback from ISC delegates regarding the need for new or updated tools and resources.

Open Discussion:

- What tools or resources would your organization find useful?
- Who should lead their development or upgrade?



Discussion Ground Rules:

- **Respect for People and Ideas.** – We all have something to teach and something to learn. We are all experts. Disagreement isn't personal. Separate fact from opinion.
- **Deal with the Elephant in the Room.** – No issue or opportunity is too big, too ingrained, too invested, or too fraught with danger to consider rationally and responsibly.
- **Sacred Cows make the Best Hamburgers.** – Even the most strongly held policies, positions, and programs are open to respectful examination and discussion.
- **If the Horse is Dead, Stop Beating It.** – If a favored approach or solution won't or can't work, get over it and move on. Try something else. Don't cry over spilt milk.
- **Go for Altitude.** – The helicopter view is not only broader, wider and clearer, the ride itself should be inspiring & fun.

Tools & Resources **THAT WORK!**

