



WILDLIFE ROADSHARING RESOURCE CENTRE (WRRC)

The Wildlife Roadsharing Resource Centre (WRRC) is a centralized source of information, research, education, resources, and many other features to answer questions you may have regarding Wildlife-Vehicle Collisions (WVCs).

The Traffic Injury Research Foundation (TIRF), developed this resource for researchers and practitioners as well as the public in partnership with Desjardins Insurance.

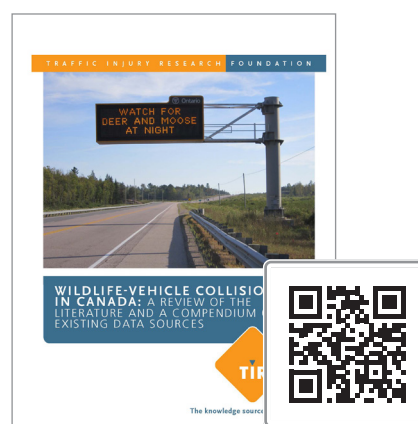
In an effort to gauge the full extent of the gaps in research and information, in 2012 Desjardins Insurance contracted the TIRF to investigate the matter further as a first step towards addressing it. A two-part study was carried out:

- > Part 1 consisted of a literature review of existing data and information regarding wildlife-vehicle collisions; and,
- > Part 2 consisted of a feasibility study to determine the parameters to create an online clearinghouse.

The WRRC is modeled on the concept of an information clearinghouse, the purpose of which is to help fill gaps in WVCs information, data, and resources that are needed by practitioners, researchers, and the public to help reduce and prevent WVCs.

Wildlife-Vehicle Collisions in Canada: A Review of the Literature and a Compendium of Existing Data Sources

<http://tirf.ca/TIRFCAD12L>



Creating a Wildlife-Vehicle Collision Clearing House in Canada: A Feasibility Study

<http://tirf.ca/TIRFCAD12M>



WRRC WILDLIFE-VEHICLE COLLISION RESEARCH HANDOUTS

The handouts listed below represent a cross-section of the available research to illustrate a wide range of topics and analyses.



Deer-Vehicle Collisions Research

<http://wildliferoadsharing.tirf.ca/wp-content/uploads/2019/04/WRRC-Deer-Vehicle-Collisions-Research-Handout-4.pdf>



Wildlife-Vehicle Collisions: 2000-2014

<http://tirf.ca/TIRFCAD17X>



Moose-Vehicle Collisions Research

<http://wildliferoadsharing.tirf.ca/wp-content/uploads/2018/10/WRRC-Moose-Vehicle-Collisions-Research-Handout-2.pdf>



WVC Fatalities and Injuries Research

<http://wildliferoadsharing.tirf.ca/wp-content/uploads/2018/10/WRRC-Fatalities-and-Injuries-Research-Handout-4.pdf>



Mitigation Research

<http://wildliferoadsharing.tirf.ca/wp-content/uploads/2018/10/WRRC-Mitigation-Research-Handout-3.pdf>



Make Safe Driving Second Nature

Costs Related to WVCs Research

<http://wildliferoadsharing.tirf.ca/wp-content/uploads/2018/10/WRRC-Costs-Related-to-WVCs-Research-Handout-3.pdf>



WRRC ROAD SAFETY HANDOUTS

Collisions between wildlife and vehicles can be extremely hazardous and have deadly consequences for both people and animals. Furthermore, more collisions are caused by drivers hitting other vehicles or losing control of their own vehicle when they swerve to avoid collisions with animals. These handouts provide information and road safety tips to help drivers be better prepared to avoid or respond to a potential collision with wildlife.

Road Safety and Deer

<http://wildliferoadsharing.tirf.ca/wp-content/uploads/2018/10/WRRC-Road-Safety-and-Deer-Handout-5.pdf>



Myths and Misconceptions

<http://wildliferoadsharing.tirf.ca/wp-content/uploads/2018/10/WRRC-Myths-and-Misconceptions-6.pdf>



Road Safety and Moose

<http://wildliferoadsharing.tirf.ca/wp-content/uploads/2018/10/WRRC-Road-Safety-and-Moose-Handout-4.pdf>



Road Safety and Small/Medium-sized Wildlife

<http://wildliferoadsharing.tirf.ca/wp-content/uploads/2018/10/WRRC-Road-Safety-and-Small-Medium-sized-Wildlife-Handout-4.pdf>



WRRC WILDLIFE INFORMATION HANDOUTS

Transportation systems and particularly roads can have an effect on a wide range of animal species and their habitats. Increasingly, researchers and practitioners (e.g., road engineers, transportation planners, or law enforcement) are discovering and implementing new ways to lessen the impact of roads on biodiversity and especially efforts to reduce collisions with wildlife. Information handouts have been developed on moose, white-tailed deer, and turtles that are the most frequently affected by road systems.



Moose

<http://wildliferoadsharing.tirf.ca/wp-content/uploads/2018/10/WRRC-Moose-Handout-3.pdf>



White-tailed Deer

<http://wildliferoadsharing.tirf.ca/wp-content/uploads/2018/10/WRRC-White-tailed-Deer-Handout-2.pdf>



Turtle

<http://wildliferoadsharing.tirf.ca/wp-content/uploads/2018/10/WRRC-Turtle-Handout-3.pdf>



ROAD SAFETY & WILDLIFE REFERENCE CARDS

Portable road safety reference cards have been developed with tips on how to prevent and handle collisions. Reference cards are available on the painted turtle, eastern musk or stinkpot turtle and blanding's turtle. These types of turtles are frequently affected by road systems.

These reference cards can be easily stored in glove compartments for road trips.

Moving wildlife off of the road

http://wildliferoadsharing.tirf.ca/wp-content/uploads/2018/10/WRRC_FlashCard_MovingSmallWildlife-2.pdf



What to do after the collision

http://wildliferoadsharing.tirf.ca/wp-content/uploads/2018/10/WRRC_FlashCard_What-to-do-after-collision_6.pdf



Prepare yourself and your vehicle

http://wildliferoadsharing.tirf.ca/wp-content/uploads/2018/10/WRRC_FlashCard_PrepareYourselfandVehicle_3.pdf



Tips if a collision with wildlife is unavoidable

http://wildliferoadsharing.tirf.ca/wp-content/uploads/2018/10/WRRC_FlashCard_Tips-if-a-collision-with-wildlife-is-unavoidable-8.pdf



Tips to help prevent collisions with wildlife

http://wildliferoadsharing.tirf.ca/wp-content/uploads/2018/10/WRRC_FlashCard_Tips_prevent_collisions_wildlife_3.pdf



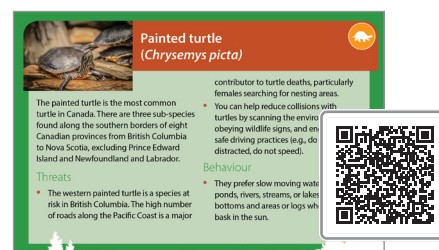
Tips on how to respond to animals on the road

http://wildliferoadsharing.tirf.ca/wp-content/uploads/2018/10/WRRC_FlashCard_TipsHowRespondAnimals_2.pdf



Painted turtle

http://wildliferoadsharing.tirf.ca/wp-content/uploads/2018/10/WRRC_FlashCard_PaintedTurtle_3.pdf



MAKE SAFE DRIVING SECOND NATURE

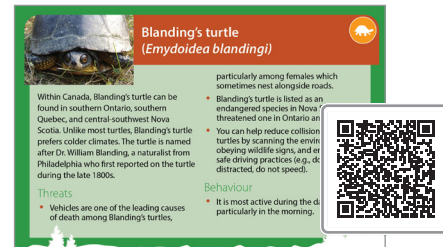
Eastern musk or stinkpot turtle

http://wildliferoadsharing.tirf.ca/wp-content/uploads/2018/10/WRRC_FlashCard_EasternMuskStinkPot_3.pdf

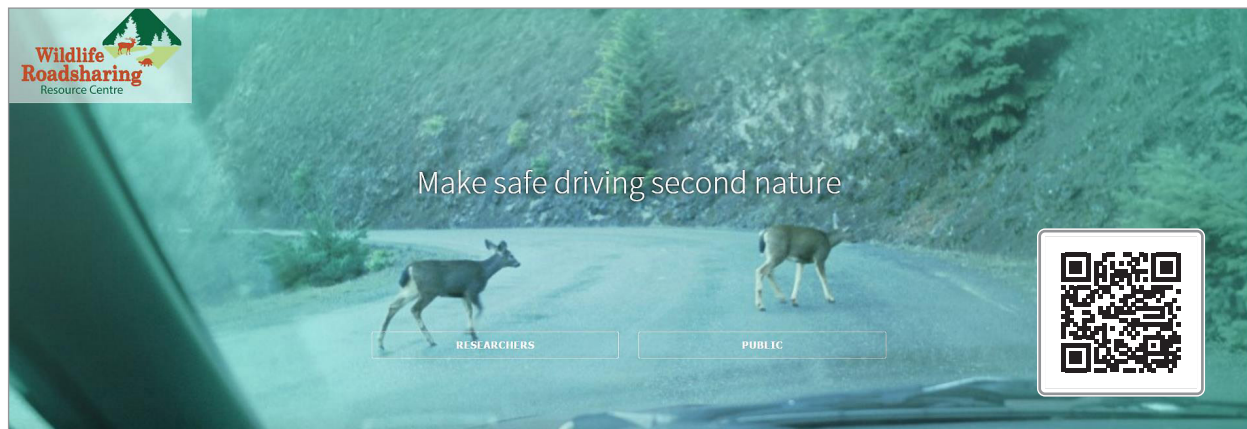


Blanding's turtle

http://wildliferoadsharing.tirf.ca/wp-content/uploads/2018/10/WRRC_FlashCard_BlandingTurtle_3.pdf



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Traffic Injury Research Foundation

The mission of the Traffic Injury Research Foundation (TIRF) is to reduce traffic-related deaths and injuries. TIRF is a national, independent, charitable road safety research institute. Since its inception in 1964, TIRF has become internationally recognized for its accomplishments in a wide range of subject areas related to identifying the causes of road crashes and developing programs and policies to address them effectively.

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Partner

