



Highway Wilding

Wildlife Monitoring and Research Collaborative
in the Canadian Rocky Mountains

Tony Clevenger – Research Wildlife Biologist at Western Transportation Institute

Road ecology is a rapidly emerging discipline that grapples with surface transportation and its impacts on the environment. Banff National Park and its environs represent one of the best testing sites of innovative roadway mitigation – wildlife passages in the world. Since 1996 Tony has been directing long-term research assessing the impacts of highways and performance of their mitigation measures designed to reduce fragmentation of wildlife habitat. Since 2002, while continuing his Banff research and living in Harvie Heights, Alberta, he has been a research wildlife biologist for the Western Transportation Institute (WTI) at Montana State University. Tony was a member of the U.S. National Academy of Sciences Committee on *Effects of Highways on Natural Communities and Ecosystems*. He has published his results in leading international scientific journals (over 50 articles) and co-authored three books including the seminal work on this emerging scientific subject, *Road Ecology: Science and Solutions* (Island Press, 2003) and *Safe Passages: Highways, Wildlife and Habitat Connectivity* (Island Press, 2010). Tony uses his findings to educate transportation professionals and wildlife ecologists as well as guide the design of other highway projects. He has made his Banff research the highest profile and most scientifically productive wildlife-highway research project in the world. Tony is a graduate of the University of California, Berkeley, has a Master's degree from the University of Tennessee, Knoxville and a Doctoral degree in Zoology from the University of León, Spain.

Danah Duke – Project Manager for Highway Wilding

Danah Duke serves as the project manager for Highway Wilding. Highway Wilding is a partnership project between Parks Canada, Miistakis Institute, Western Transportation Institute, Wilburforce Foundation and Woodcock Foundation. She also serves as the executive director of the Miistakis Institute. Miistakis is a not-for-profit research institute affiliated with the University of Calgary. The Miistakis Institute brings people and ideas together to promote healthy communities and landscapes. We study the landscape, so we can help people conserve it; and we celebrate innovative research by making it accessible to communities and decision-makers.

Rob Ament – Road Ecology Program Manager; Western Transportation Institute (WTI)

Rob has more than 30 years of experience in field ecology, natural resource management, and environmental policy. At WTI Rob leads the Road Ecology Program's efforts to research, monitor and develop solutions to minimize the impacts of roads on the natural environment - wildlife, aquatics, vegetation and technology. He is the principal investigator of several research projects and oversees 10 staff in four offices in western North America working on approximately 20 road ecology research projects.