

Direct and Indirect Effects of Roads on Amphibians and Reptiles

Friday, April 21, 2006, Meeting Room 1

Organized Symposium

Organizer: *Mary Beth Kolozsvary on behalf of the Northeast Partners in Amphibian and Reptile Conservation (NEPARC)*

Moderator: *Mary Beth Kolozsvary (New York State Biodiversity Research Institute, New York State Museum, Albany, NY)*

- 8:20 AM** **Confer**, John, Anthony **Parisi**^{*}, Kyle **Block**^{*}, and Mark **Hager**^{*}
Monitoring Amphibian Mortality During Migration: Tompkins Co. NY
- 8:40 AM** **Breisch**^{*}, Alvin R. and Mark **Fitzsimmons**
Observations from 6 Years of Monitoring New York State's First Amphibian Tunnel
- 9:00 AM** **Woltz**^{*}, Hara W. and James P. **Gibbs**
Herpetofauna Road Crossing Structures—Informing Design through Behavioral Analysis
- 9:20 AM** **Mazerolle**^{*}, Marc J., Matthieu **Huot**, and Mireille **Gravel**
Amphibian Behavior in Response to Car Traffic
- 9:40 AM** **Karraker**^{*}, Nancy E. and James P. **Gibbs**
Impacts of De-icing Salt on the Demography of Vernal Pool-breeding Amphibians
- 10:00 AM** **Break**
- Moderator:** *Alvin R. Breisch (Division of Fish, Wildlife, and Marine Resources, New York State Department of Environmental Conservation, Albany, NY)*
- 10:20 AM** **Paton**^{*}, Peter W.C. and Robert S. **Egan**
Multi-scale Habitat Characteristics of Wood Frogs and Spotted Salamanders across an Urbanization Gradient
- 10:40 AM** **Langen**^{*}, Tom A.
Landscape Predictors of Hotspots of Herpetofauna Road Mortality along a Highway Network
- 11:00 AM** **Beaudry**^{*}, Frederic, Phillip **deMaynadier**, and Malcolm L. **Hunter**
Road Mortality Risk for Spotted and Blanding's Turtles in Maine: Progress Report
- 11:20 AM** **Compton**^{*}, Bradley W., Kevin **McGarigal**, and Paul R. **Sievert**
Turtles in Sprawlvilleville: Landscape Models for Strategic Conservation in Massachusetts
- 11:40 AM** **Baldwin**^{*}, Robert F. and Stephen C. **Trombulak**
Forecasting Public Roads in the Settled Landscapes of the Northern Appalachian/Acadian Ecoregion
- 12:00 PM** **Lunch**