



Center for Environmental Research,
Education and Outreach Seminar
2023 Environment & Health Series

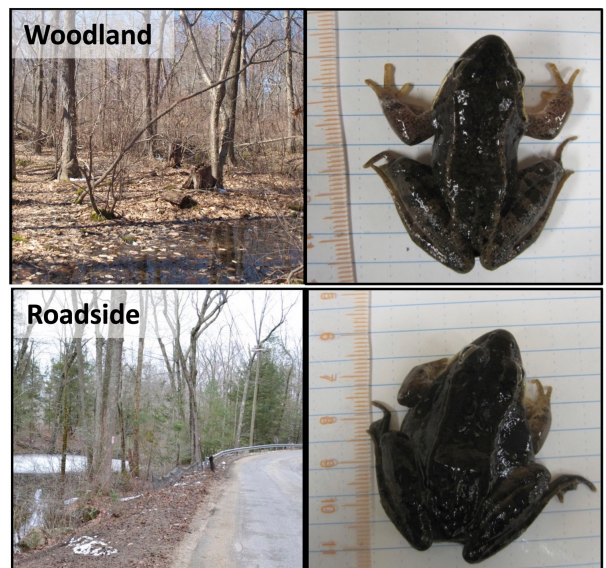
Global salinization of freshwater systems: Impacts on wildlife and human health

Dr. Erica Crespi,
School of Biological Sciences, WSU

Tues., Oct 10, 2023 | 4:10 pm | Paccar 202
or register for connection info at:

<https://wsu.zoom.us/meeting/register/tJlkfu2tqDMuG9yvwwT2psXiqNMm5uwr06Uk>

Anthropogenic salinization of freshwater systems via saltwater encroachment, road deicing salt runoff, drought, and surface mining are threatening the health of plants and animals, including humans, across the globe. This seminar will review these issues and focus on the ways salinization is adversely affecting amphibians across their life cycle, the most endangered group of vertebrate animals.



Dr. Crespi seeks to understand how environmental stressors and nutrition affect early developmental processes in vertebrates. She focuses on examining the ways in which the neuroendocrine stress axis and energy balance factors interact to regulate growth, morphogenesis, and immune function during early life stages. She studies how these endocrine systems program later life behavior, physiology, growth, and reproduction through their organizing effects during early development.