Justina Ray

President and Senior Scientist at Wildlife Conservation Society Canada

Toronto, ON, CA

Justina Ray's research is focused on evaluating the role of shifting landscapes in biodiversity decline and/or change in forested ecosystems

Biography

Dr. Justina Ray has led the Wildlife Conservation Society Canada since its incorporation in 2004. In addition to overseeing the operations of WCS Canada, Justina is involved in research and policy activities associated with conservation planning in northern landscapes, with a particular focus on wolverine and caribou. Although Justina worked for years in African and Asian tropical forests, North America has been her predominant geographic focus over the past decade. The questions that drive her research are rooted in evaluating the role of shifting landscapes in biodiversity decline and/or change in forested ecosystems. These issues include quantifying the impacts of development activities on biodiversity, including effects of forest changes on mammal population and community structure, and monitoring of species at risk.

Industry Expertise

Environmental Services, Education/Learning, Forestry/Forest Products, Research

Areas of Expertise

Conservation Planning, Forested Ecosystems, Biodiversity, Wildlife Ecology, Wildlife Conservation, Landscape Ecology, Conservation Biology, Species at Risk, Forest carnivore ecology and management, Caribou Recovery, Wolverine Recovery

Affiliations

Adjunct Professor, Faculty of Forestry, University of Toronto, Adjunct Professor, Environmental & Life Sciences Graduate Program, Trent University, Co-Chair, Terrestrial Mammal Subcommittee, Committee on the Status of Endangered Wildlife in Canada (COSEWIC), Research Associate, Center for Biodiversity & Conservation Biology, Royal Ontario Museum

Education

University of Florida
PhD Wildlife Ecology & Conservation

Stanford University
Master of Science Biology

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