

# **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

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## **Description**

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.

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## **Industry Expertise**

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

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## **Topics**

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

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## **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

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## **Education**

**University of Florida**

PhD Wildlife Ecology & Conservation

**Stanford University**

Master of Science Biology

**Stanford University**

Bachelor of Science Biology

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