

# CANADA WARBLER RESPONSE TO VEGETATION STRUCTURE ON RECOVERING ENERGY SECTOR DISTURBANCES

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This multi-year project is focused on understanding the dynamic response of the Canada Warbler to energy sector disturbance as one step in this process. Understanding how Canada Warbler populations respond to intensity of energy development and how they behave locally when near energy sector sites is essential for informing critical habitat and what warrants its destruction versus enhancement. Specifically, this proposal is intended to document how vegetation recovery after energy sector features are reclaimed influences Canada Warbler.

## **Policy Issue**

Biodiversity; species conservation; migratory birds;  
Canada warbler

## **Knowledge Gap**

Canada warbler use and response to disturbed and

restored habitat

## **Project Links**

Boreal Avian Modelling Project [www.borealbirds.ca](http://www.borealbirds.ca)

Boreal Ecosystem Recovery and Assessment  
[www.bera-project.org](http://www.bera-project.org)

The Bioacoustic Unit <http://bioacoustic.abmi.ca/>

Reports:

Blackbirds in the Lower Athabasca Watershed

Common Nighthawk

Regional habitat needs of a nationally listed species,  
Canada Warbler (*Cardellina canadensis*), in Alberta,  
Canada

Factors driving territory size and breeding success in  
a threatened migratory songbird, the Canada Warbler

Ovenbird (*Seiurus aurocapilla*) Territory Placement  
Near Seismic Lines is Influenced by Forest  
Regeneration and Conspecific Density