



# Seminar Series

## Winter 2023

Hybrid  
**Alex 265**

Thursday,  
**March 30**

**3 – 4pm**

## Dr. Catherine Dieleman

School of Environmental Sciences, University of Guelph

Boreal Forests Under Environmental Change - Building a Resilient Future



Light refreshments  
will be served

Dr. Catherine Dieleman is an Assistant Professor in **Boreal Forest Ecology**, with expertise in biogeochemical cycling across a range of northern ecosystems. Accordingly, Dr. Dieleman integrates trends found within the soil, water, vegetation, and surface gas chemistry to identify emergent patterns at the ecosystem level. She is particularly fascinated with **novel disturbance regimes impacting northern environments, including climate change, permafrost thaw, wildfire, anthropogenic development, and resource extraction.** Working in tandem with community members, governmental partners, NGO's, and fellow academics, Dr. Dieleman's program strives to understand the resilience of the boreal to these evolving stressors and develop tools and strategies urgently needed now to navigate foreseeable trade-offs scenarios and mitigate negative environmental impacts.

UNIVERSITY  
of GUELPH

ONTARIO  
AGRICULTURAL COLLEGE  
SCHOOL OF ENVIRONMENTAL SCIENCES

More information on our website:  
[www.uoguelph.ca/ses](http://www.uoguelph.ca/ses)