



### **Elizabeth Burakowski**

Elizabeth Burakowski is a Research Assistant Professor in the Institute for the Study of Earth Oceans and Space and Affiliate Professor in the Department of Earth Sciences at the University of New Hampshire. Her work focuses primarily on winter climate change in the northeastern United States. Liz grew up in New Hampshire and has been skiing, riding and enjoying winter for 30 years. Liz's research tool kit includes climate modeling, remote sensing, ground and tower observations, K-12 education, and of course, citizen science. She uses these tools to answer questions about how winter climate is impacted by deforestation (and reforestation), how ecosystems respond to shorter snow seasons and longer mud seasons, and how snow properties can be measured using smartphones, drones, airplanes, and satellites. Liz also spends a good amount of her time with New Hampshire educators and their students, teaching them how to track changes in winter climate in their own schoolyards.