

Abstract

This bachelor's thesis focuses on winter climate change and its impact on vegetation. It examines the importance of snow cover in relation to soil temperature, moisture, and the degree of microbial activity and nutrient mineralization. That is followed by a discussion of the effects of these factors on plants, specifically changes of their phenology, physiology, and changes of plant communities. This thesis also includes a brief chapter on research methods for studying winter climate change on vegetation. The aim of this work is to try to summarize current knowledge in the aforementioned area and identify gaps in research of this topic.