

Abstract

This bachelor's thesis deals with the effect of drainage on ecosystems and the possibilities of their revitalization. Drainage, as a process that aims to regulate the water regime in the landscape, can have major impacts on water quality, biodiversity and soil processes. The thesis analyzes the historical development of drainage systems in Bohemia and their influence on the natural environment. It also focuses on biological and technical drainage methods and their consequences on local ecosystems. In the conclusion, possible revitalization strategies are proposed that could contribute to the restoration of the ecological balance in the affected areas.