

Peat bog revitalizing measures and their effect on runoff dynamics in the Otava River headstream area

Abstract

This bachelor thesis summarizes knowledges about hydrological function of peat bogs, which at present there is a little consensus. The main focus is concentrated to evaluation revitalizing measures of drained bogs. I follow this to further ongoing researches in the Otava River headstream area. Thesis is divided to three main parts – literary review, physical-geographic characteristic and my own research. Thesis is based on data by Faculty of Science, Department of Physical Geography and Geoecology and data by Management of National Park and Protected Landscape area Šumava.

Key words: hydrology, peat bog, revitalization, Šumava mountains, experimental catchment