

Abstract

The North Bohemian Basin represents important and high valued brown coal resources. Remove coal from the ground in surface mines is an impairment of nature and landscape. Reclamation work aims to identify changes, analyse them and restore the impacted area. The analysed dump (Radovesice dump) was used as an outsider dump of the Bílina mine. Reclamation works are in process on this area - especially forest and agricultural reclamation. In the first part of this bachelor thesis pedological and vegetation research are done. Therefore, two areas of the Radovesice site were analysed. Forest reclamation area , which is labeled Radovesice I and succession area labeled Radovesice XVII A. The second part deals with the influence on the vegetation overlay caused by the area's location and soil substrate. In the conclusion of the thesis suggestions are given how to support succession on relamation areas, based on the awareness of the analysed site and current scientific knowledge.

Keywords

reclamation, soil, vegetation, Radovesice