

Abstract

The study deals with the evaluation of land cover changes and analyses agriculture land take after the Slapy Dam construction in a model area. It contains research about land cover changes and its driving forces, about land cover changes after the dam constructions in the world and in Czechia as well. Land cover changes and landscape structure changes are analysed in the practical part of the study using aerial photographs from 50s' and using data from RÚIAN (Registry of Territorial Identification, Addresses and Real Estate) database, which was corrected by latest available aerial photograph from ČÚZK (State Administration of Land Surveying and Cadastre, 2017), and impact of these changes on agriculture land was evaluated in this study. BPEJ (Valuated Soil Ecological Unit – the basic mapping and evaluation unit of the soil system) data are used in the thesis to evaluate the qualitative changes of agricultural land.