

ABSTRACT

This diploma thesis is focused on phenomenon of geodiversity in the area of Broumovsko protected landscape area using digital data. It compares results of this abiotic diversity to biotic diversity of the area. Diploma thesis consists of four parts. The first one is a brief description of physical geographic characterization. The second one presents definition of geodiversity and its assesment. The third one describes the process of elaboration of geodiversity and its comparing to the biotic diversity in the study area. The last one is devoted to the study results. Spatial data have been worked up mostly in GIS softwares (ArcMap 9.2, ArcCatalog 9.2, Grass GIS 6.3.0, Turboveg 2.0).