

VYUŽITIE HODNOTENIA HETEROGENITY ABIOTICKÉHO KOMPLEXU PRI STANOVENÍ DIMENZIE KRAJINY NA PRÍKLADE CHKO – BR POĽANA

Igor GALLAY

Katedra aplikovanej ekológie, Fakulta ekológie a environmentalistiky, Technická univerzita vo Zvolene, T. G. Masaryka 24, 960 53 Zvolen, e-mail: gallay@pobox.sk

ABSTRACT

Gallay, I.: Abiotic Heterogeneity Evaluation in Detection of Landscape Dimensions (Model Area: Poľana Biosphere Reserve)

The paper deals with detection of landscape's dimensions with used square's multidimensional analyse. Heterogeneity of abiotic characteristic's was computed for detectioned dimension. Model of abiotic complex comprise of: geology properties, soil properties (type os soil, depth, grain size), relief properties (vertical dissection of relief, horizontal dissection of relief, landforms, slope declination, slope aspect, etc.), hydrological properties (flow accumulation, catchment areas), mezzo-climatic condition (base on vegetation as indicator). In general, the heterogeneity of landscape's abiotic characteristics increase markedly from south to north and from west to east, but weakly.

Key words: heterogeneity, abiotic characteristics, multidimensional analyse, Poľana Biosphere Reserve