

CORRELATION ANALYSIS DEMOGRAPHIC-ECONOMIC VARIABLES AND LAND USE/LAND COVER VARIABLES OF CENTRAL LIKA

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Land use/land cover characteristics are the result of demographic-economic processes. The aim of this research was to define and explain the direction and degree of correlation chosen demographic-economic variables and land use/land cover variables of Central Lika. The correlations were determined by using the Spearman's rank correlation coefficient, with the computer program IBM SPSS Statistics 20. For that purpose the demographic and economic data of the year 2011 and the land use/land cover data of the year 2013 were used. Research results have shown existence of a correlation of all observed pairs of variables. The complete and strong correlations that were found between many of the variables correspond to the geographical reality in the study area.

Key words: Correlation Analysis, Spearman's rank correlation coefficient, IBM SPSS Statistics 20, Central Lika