

Where Wild Boars Go

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Abstract

Multicriteria analysis in GIS was applied on the example of detecting suitable life possibilities for wild boar in the Zadar County, Croatia. The procedure is explained in details, from setting goals, determining criteria, standardizing factors, determining weights for each factor, aggregating criteria to validating results. The research goal was to define multicriteria analysis and explain their utility and applicability in everyday life. It is necessary to point out imperfections of applying some models (e.g. buffers), when not all geographic specificities are taken into account and when the researched area is strictly bound by administrative borders.

Keywords: multicriteria analysis, GIS, determination of territory, multicriteria analysis in GIS