

Use of GIS for analysis of cycling in the district of Příbram

Abstract

This work is focused to analyze communications in the district of Příbram in terms of suitability for bicycle transportation and to create a basis for designing the optimal guidance of cycle routes. First part is dedicated to recherche legislation in sphere of Other sections are devoted to an analysis options and functions of geoinformation systems and design a proper solution. The conclusion is devoted to the application obtained data and to the design of new cycle routes.

Keywords: cycling, geoinformatics, slope analysis, distance analysis, cost surfaces, network analysis, cycle routes designing