

Abstract

Title: The Environmental Impact of Cycling

Objectives: The aim of this thesis is to integrate information on the environmental impact of cycling using research summaries and to evaluate the use of bicycle in contemporary Czech Republic.

Methods: Information on the concept of bicycle utilization was acquired by analysis of research papers and studies from information sources. Available international scientific studies were used in research summaries as a source of information on the environmental impact of cycling.

Results: Research summaries demonstrate that cycling on unpaved roads does not have significantly more negative environmental impact in comparison to other means of transport. In the Czech Republic, bicycle is mostly used for recreational purposes. The reason behind its non-use by the residents of the Czech Republic lies in low road safety.

Keywords: bicycle, road, environment.