

Abstract

The bachelor thesis presented below targets on the issue of the environmental aspect of sustainable development. The key matter of this paper is to find out which spatial consequences the human consumption has or might have. Possible changes of this consumption and its changed spatial effects on the environment were especially examined. Ecological footprint index was used for this purpose. After defining this assessing tool, there were created twelve consumption scenarios in total. The scenarios represent three main categories of consumption which were identified as the most affecting the environment. These are food consumption, consumption related with transport and energy consumption in households. Using a combination of methods, the value and structure of ecological footprint of each scenario were assessed. All the calculations, as well as the spatial outcomes, took place in a model area of Hradec Králové, one of the regional capitals of Czechia.

Key words: ecological footprint, sustainability, consumption, scenario, modelling, Hradec Králové