

Discussion of socio-geographic aspects of renewable energy sources in Czechia

Abstract

Modern society is completely dependent on electricity supplies in every aspect of life and the economy. The task of every developed country is protection and ensuring sufficient energy in the required quality. Otherwise, the lack or interruption of supply may paralyze the country's life and economy. The current energy problem lies on the fact that it is based on non-renewable energy sources with limited quantity. In addition, they have a negative impact on the environment. Renewable energy sources also provide limited solutions to the situation. This bachelor's thesis therefore analyses the assumptions, possibilities and potential of the development of renewable sources in Czech electricity, in relation to the energy position, environment, electricity, society and economy. The aim of the thesis is critical evaluation of the pros and cons of the implementation of alternative energy sources in the energy mix.

Key words: renewable energy sources, alternative sources of energy, energy mix, solar energy, wind energy, water energy