Abstract

This bachelor thesis deals with the issue of air pollution in small settlements caused by local sources such as home stoves. It is focused on the situation in a small village Vlastějovice, which lies in the Kutná Hora region. The main aim of this thesis was to detect if local stoves are the main air pollution sources in the village. This should be proved by the calculation of all emissions released by domestic stoves for the duration of one year. Input data were obtained from questionnaires and were compared with the data from the population and housing census of 2001. The calculations of these two sources differ. These differences are probably caused by inaccuracies in the questionnaires. The bachelor thesis was compared with a similar publication: the Bachelor thesis of Petr Dvorščík (2009). I found out that the year emissions from one flat in a family house in Vlastějovice are higher than the year emissions from one model flat, whose area has a size of an average flat in a family house. However, it would be better to make a long-term emission monitoring in order to get more exact data and results.