

Abstract

The bachelor thesis is built so that all chapters themselves freely followed up. The main pillar of work is first chapter, which deals generally with springs. Next follows typology of springs, which deals with different types of springs according to geology, temperature, and yield. The special part about artesian water follows. Next section deals with karst springs and thermal springs, where I present examples from the Czech Republic. The chapter of thermal springs includes also text about geysers. In the last part the thesis deals with the Mělník area and Mělnická Vrutice. The aim of this study was to document this issue, which appears in the literature. The main result of the thesis is gathering information that appear in the foreign literature only in parts, and almost never in the Czech books and papers.