

## **Abstract**

The diploma thesis deals with the teaching of the issue of drought, which in recent years has significantly affected the territory of the Czechia. With the ongoing climate change, it is necessary to prepare for more significant extremes of weather, which will be demonstrated by the longer periods of droughts, whose consequences will be highlighted by inappropriate anthropogenic interventions and improper water management. Therefore, it is important to include this issue in school education, so that students realize that our territory is also endangered by this problem, what are its causes and that they themselves can contribute to their mitigation. The main aim of this thesis is to create a model teaching dealing with the issue of drought. The questionnaire survey found out that a major part of teachers devotes at least part of the lessons to the topic and that the main cause of non-devotion is lack of time and fear of incorrect grasping of the topic. A number of respondents were contacted based on the questionnaire survey, with whom semi-structured interviews were organized in order to obtain more detailed information and obtain examples of good practice. Within the questionnaires and interviews was investigated the issue of the occurrence of misconceptions among pupils and work with them. Based on all the obtained data, a model teaching was created, which was applied in four different classes. The success of the model teaching was tested by means of a pre-test and post-test, when the pupils showed a positive trend acting response and an overall increase in their relevance.

Key words: drought, education, geography, model teaching, misconception