

Abstract

Climate change is currently one of the most discussed and burdensome global problems. One of its impacts is drought. The drought is already noticeable in the Czech Republic and its effects are supposed to increase. Hradec Králové and Pardubice Regions are also dealing with this danger. One of the possible measures to provide sufficient water for this area in the future is a construction of a new dam. However, the Pěčín dam creates many contradictory reactions. Most criticized is its location. The dam affects not only the first and second zone of the Protected Landscape Area, but also one of the Sites of Community Importance.

This thesis summarizes important information about the intended project and its alternatives and evaluates their pros and cons. The thesis is based on qualitative research. The research was conducted with semi-structured interviews with interested specialists from two opinion sites - for and against the intent. The conclusion of this thesis is that there is no need to build a dam or any other alternative in the present, because there is enough water in the examined area. According to the analysis, it is even possible that the predicted future deficit will not even occur. If the deficit occurs after all, it is necessary to proceed with the evaluation of the alternatives and to realize the dam only when it really proves to be the best suitable option.

Key words

Dam, adaptation to drought, climate change, Pěčín.