

Abstract

Title: Analysis of diving locations in north-eastern Bohemia and creation of a web application

Objective: The main objective of this bachelor's thesis is to create an open web application of diving sites situated in north-eastern Bohemia, using the map software called Mapotic. Operation goal is creating a description of the areas themselves from a diver's point of view, cultural-historical or geographical-bathymetric description.

Methods: Study of current and historical sources of the issue, a survey for different locations. After analysing the information of the locations, the method of summarizing key data was used to create a web application of diving areas. In order to create high-quality bathymetric maps – the consultations with map experts also took place.

Results: There are clear documents of individual areas and an online open web application mapping selected diving locations in north-eastern Bohemia.

Keywords: diving, diving locations, Mapotic, map software, web application, bathymetric maps