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## IDENTIFICATION OF PONDS IN THE BLANICE CATCHMENT AREA ON MAPS OF 1<sup>ST</sup> AUSTRIAN MILITARY SURVEY

**DAVID, V.; CERNOCHOVA, K.**

Department of Hydromelioration and Landscape Engineering,  
Faculty of Civil Engineering, Czech Technical University in Prague

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The article focuses on the identification of fishponds drawn on the maps of the 1<sup>st</sup> Austrian Military Survey. The presented analyses are based mainly on manual work with old maps, because the maps used for the study lack the precision and detail needed for automated processing in the GIS environment. The study was carried out for the Blanice River basin with an area of 543.3 km<sup>2</sup> located in the Central Bohemian Region 50 km southeast of Prague. Within the analyses, the location of each pond drawn on the maps of the 1<sup>st</sup> Austrian Military Survey over the current maps was identified. A total of 818 ponds have been identified in the catchment area, of which 430 have been preserved to the present day. The result of the processing is a point layer of fishponds drawn on maps of 1<sup>st</sup> Austrian Military Survey in ESRI shapefile format with attributes of accuracy of position determination and preservation of the dam body.