
ENVIRONMENT QUALITY OF WATER ELEMENTS OF HERITAGE PROTECTED AREAS

**ROZKOSNY, M.¹; DZURAKOVA, M.¹; HUDCOVA, H.¹;
MLEJNKOVA, H.²; PETRANOVA, A.²; SEDLACEK, P.¹**

¹TGM Water Research Institute, p. r. i., Brno Branch

²TGM Water Research Institute, p. r. i., Prague

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Water elements represent a significant part of the environment of cultural heritage sites, conservation zones and areas. To fulfil the required functions, which may include social, historical, recreational and educational, but also environmental functions; it is necessary to ensure their corresponding target state. This state includes structural-technical state and qualitative state. The article presents results of a questionnaire evaluation of a threat of the negative changes for the elements. It also presents results of the phosphorus contamination of selected typical water elements and its systems and the course of the water trophic potential during the year 2017 of the mentioned water elements. The article brings information about possible solutions for the water elements environment quality enhancement, based on the nature friendly methods (biological enzymatic preparations, floating islands with ornamental wetland vegetation, wetland plants with floating leaves, changes in fish stock, etc.).