
FIDINGS FROM TESTING OF SELECTED BIOCHEMICAL PRODUCTS TO THE HERITAGE SITES WATER ELEMENTS ENVIRONMENT ADJUSTMENT

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The article is focus on the presentation of knowledge from testing of selected biochemical preparations for the treatment of the environment of water elements of historical gardens and parks and cultural monuments. The aim of the study was experimentally evaluate the benefits and risks of application of these products with a view to improving water quality, reducing the development of algae and cyanobacteria in eutrophic conditions and reducing the volume of bottom sediment. A set of pilot models of ornamental basins was use for the study and with direct application on real water elements of the chateau garden in the Libochovice town. The findings show that by regularly applying selected and suitable biochemical products, preferably from the beginning of the season, it is possible to reach the appropriate quality of the aquatic environment. It is valid especially for small pools and reservoirs. Part of the work was also an analysis of a set of sediment samples to determine the potential use of preparations on a larger scale. The potential to improve organic sediment amount and content was confirm.