

CONSEQUENCES OF WATER ENGINEERING PROJECTS IN THE MOKAŠNICA  
RIVER BASIN (BOSNIA AND HERZEGOVINA)

BOŽO SOLDIĆ, JOSIP MESEK, MLADEN ZELENKA

**Abstract:** The article deals with the state of utilization and protection of the water resources in the Mokašnica river basin (MRB) within the larger Mostarsko Blato catchment area (MBB). The authors present data on the Mostarsko Blato basin, provided through the analyses of the results of earlier research projects dealing with surface and groundwater flows, particularly related to the research carried out in the MRB. The previous water engineering works in the MRB have been analyzed for effects on the natural environment and the influence of such works on the regime of surface flow and groundwater aquifer geometry. In order to protect the area of the MRB from further devastation, the authors suggest some protective measures and due improvements. A special environmental protection study is necessary for better management of the MRB waters and the natural environment, including the analysis of the possibility of losing said water resources due to the implemented engineering interventions.