

# **Hydrographic Control Measurements of Sediment in the Accumulation Basin of the HPP Salakovac using Multibeam Echosounder**

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**Key words:** Hydrography; hidrographic measurement; multibeam echosounder; Neretva river; HPP Salakovac

## **SUMMARY**

This paper describes the work of hydrographic surveying reservoir basin HPP Salakovac for control measurements of sediment. HPP Salakovac is located on the Neretva River in the Republic of Bosnia and Herzegovina. It was necessary to conduct hydrographic survey of the bottom of the reservoir and the coast from the HPP Grabovica to HPP Salakovac in total length of about 25 km, and the tributaries. The average width of the accumulation basin is 150 meters, with depths up to 40 m and the flow rate at the HPP Salakovac up to 860m<sup>3</sup>/s. Hydrographic survey performed by the Faculty of Geodesy, University of Zagreb. For hydrographic survey was used multibeam echosounder Odom ES3-M. Measurements performed by the multibeam echosounder are to be compared to the initial survey done before the establishment of the accumulation basin and should be used to create the recent model of the accumulation and as control measurement of the sediment in the accumulation.