

BATHYMETRIC SURVEY OF SELECTED LOCATIONS ON THE DANUBE RIVERBANK IN THE AREA OF “DJERDAP I” ACCUMULATION

Client:

HE Đerdap

Country:

Serbia

Duration:

September, 2015

Services:

Bathymetric survey

Project objectives

Bathymetric survey with multibeam echo sounder on three locations close to right bank of Danube river.

Post processing of the survey data and detailed 3D model creation in order to define real conditions of riverbank.

Project description

During exploitation of hydropower of Djerdap I accumulation in the last decades the erosion of riverbank has occurred. The client wants to determine the real scale of the erosion on three selected location.

First location was close to the Old fortress Golubac, second was in the village Tekija and the last location was close to the Đerdap I dam at the river Kosovica confluence.

A detailed multibeam survey was performed in order to get as much detail model as it can be achieved.

Project data

Bathymetric survey of three areas close to the riverbank.

Project specifics

Multibeam bathymetric survey was intended to determine damage caused by erosion

Services

- Bathymetric survey
- Data acquisition
- Post processing
- 3D model creation

