

BATHYMETRIC SURVEY AND DATA PROCESSING OF IRON GATE I STILLING BASIN

Client:

HE Đerdap

Country:

Serbia

Duration:

July, 2014

Services:

Bathymetric survey

Project objectives

Bathymetric survey with multibeam echo sounder of an area, 400mx200m, where erosion occurred.

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

Project description

Erosion of the Iron Gate I stilling basin was detected earlier and the client wanted to determine the real scale of the damage and to decide if construction works for recovery should be executed.

Client wants to monitor the area in order to determine if the erosion has stopped or is still in progress.

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

Project data

Bathymetric survey of area 400m x 400m.

Project specifics

Multibeam bathymetric survey was intended to determine damage caused by erosion

Services

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

