



SVEUČILIŠTE U SPLITU, FAKULTET GRAĐEVINARSTVA, ARHITEKTURE I
GEODEZIJE
UNIVERSITY OF SPLIT, FACULTY OF CIVIL ENGINEERING, ARCHITECTURE AND
GEODESY

PREGLED NAJNOVIJIH HIDROMORFOLOŠKIH ISTRAŽIVANJA CRVENOG JEZERA U IMOTSKOM

Ivo Andrić, Ognjen Bonacci, Branimir Jukić



Japan International Cooperation Agency

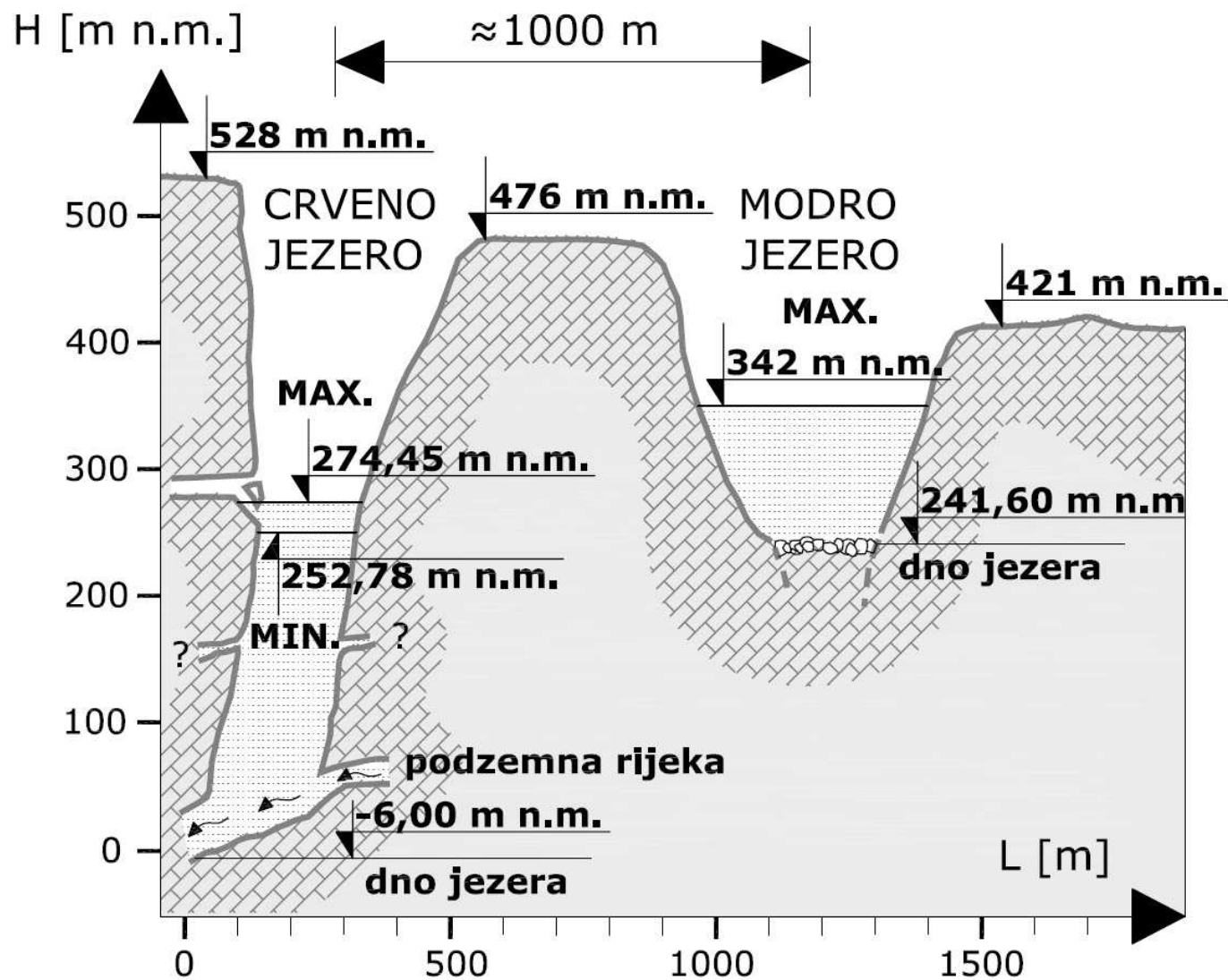


Japan Science and Technology Agency

NEPTUN-SUB

GEOGRAFSKA LOKACIJA

A - A PRESJEK



3D Scanner



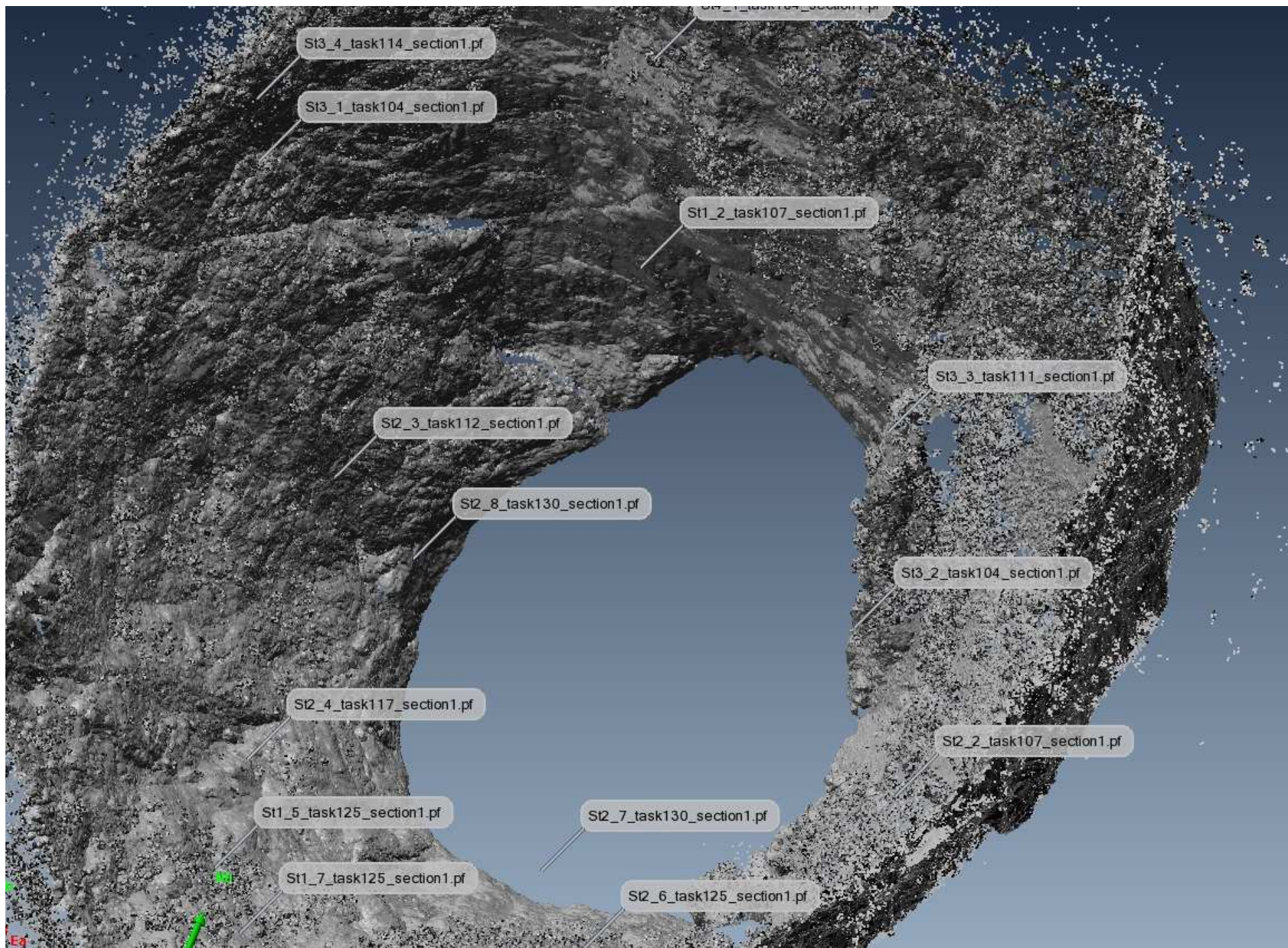
Japan International Cooperation Agency

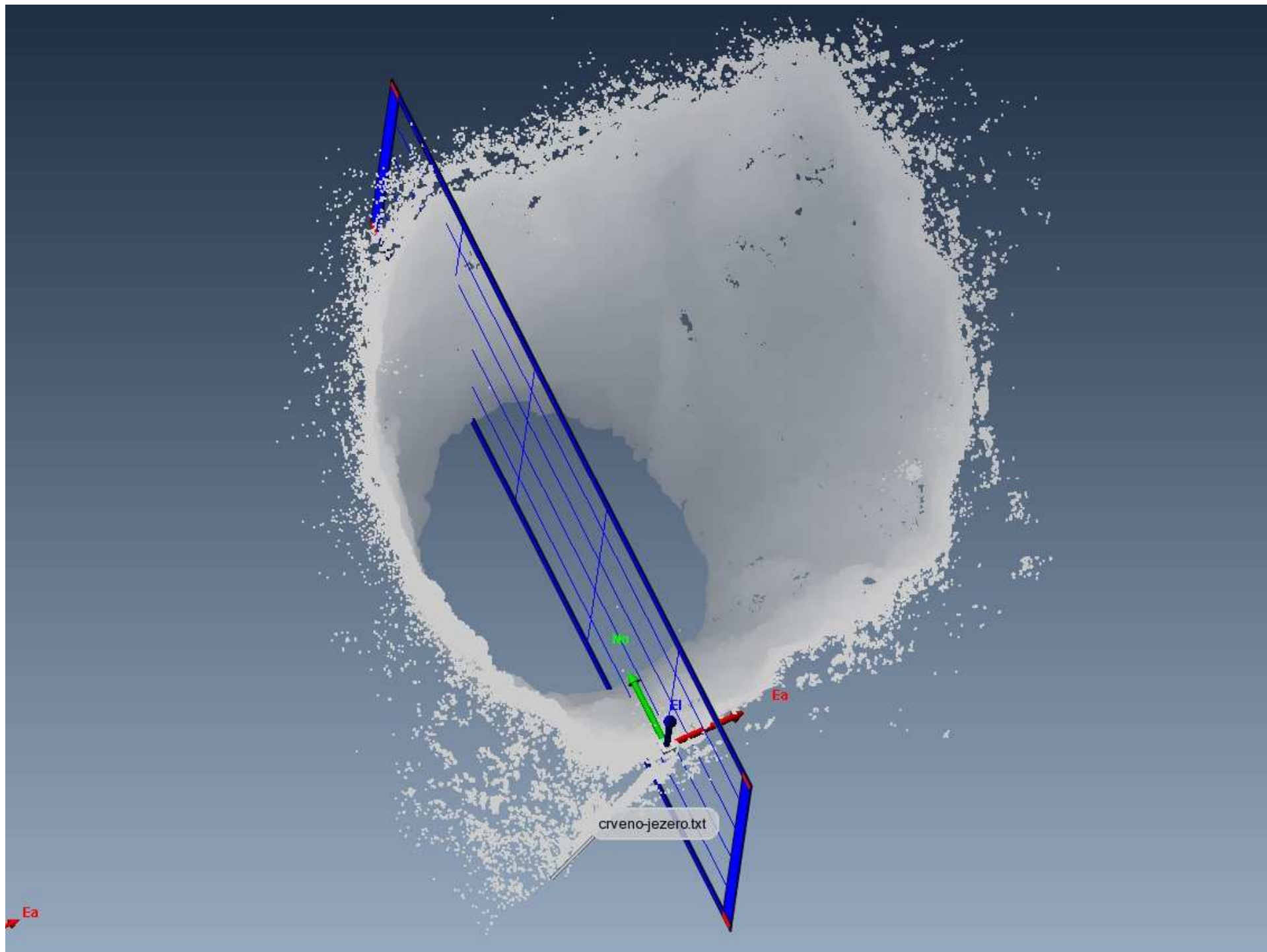


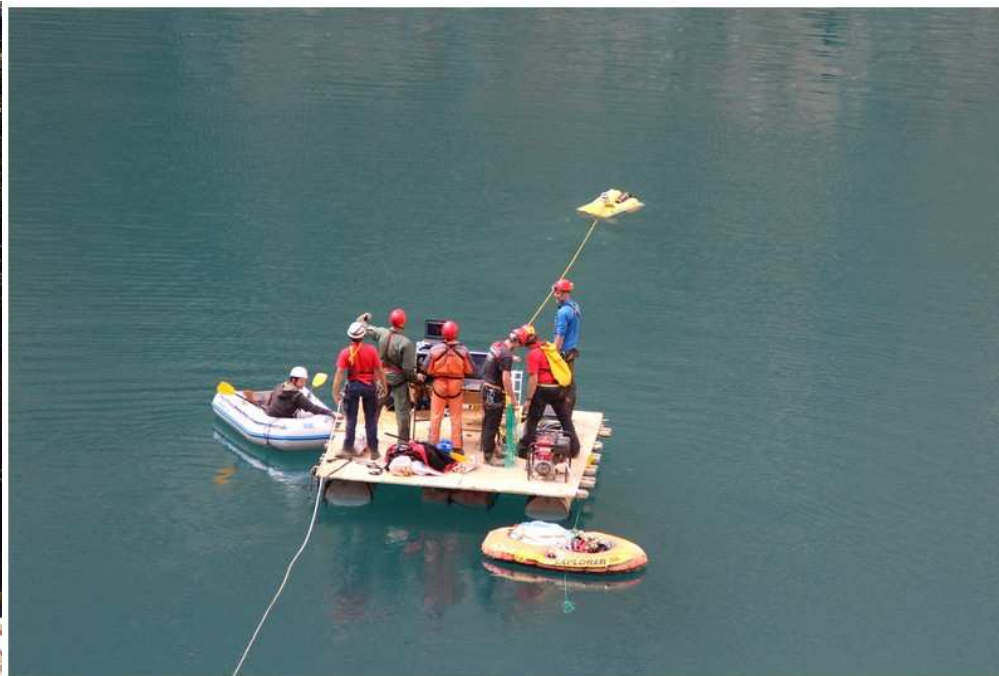
Japan Science and Technology Agency



Kreiranje preciznog 3D geometrijskog modela površinskog dijela jezera







**HPD SO Imotski
TZ Imotski**





Znanstveno istražni radovi na Crvenom jezeru izvedeni uz svesrdnu potporu NEPTUN – SUB d.o.o. bez naplate.



Nav Specifications

Compass Accuracy $\pm 1^\circ$

Depth Sensor Accuracy $\pm 0.5\%$ of FSD

Gyro $0.1^\circ/\text{s}$

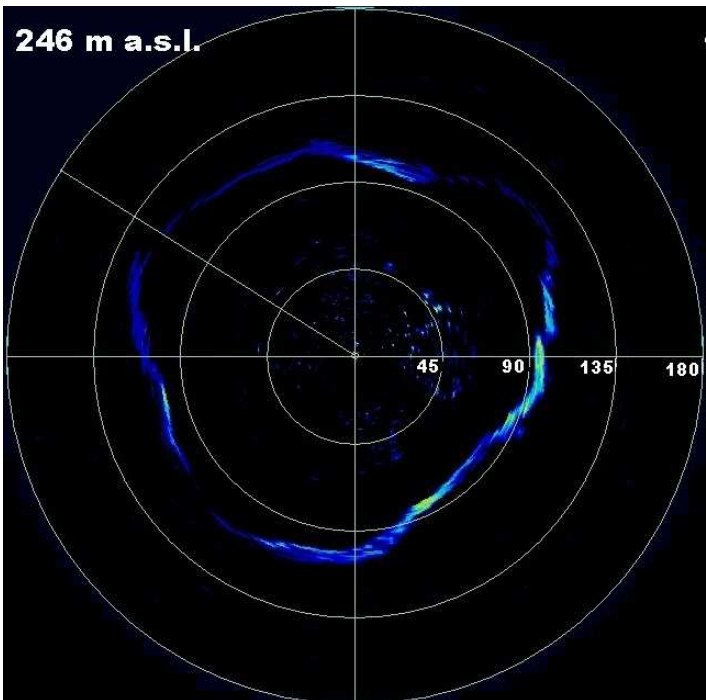
Surface Update Rate $< 100 \text{ ms}$

SONAR:
23 dB
670 kHz

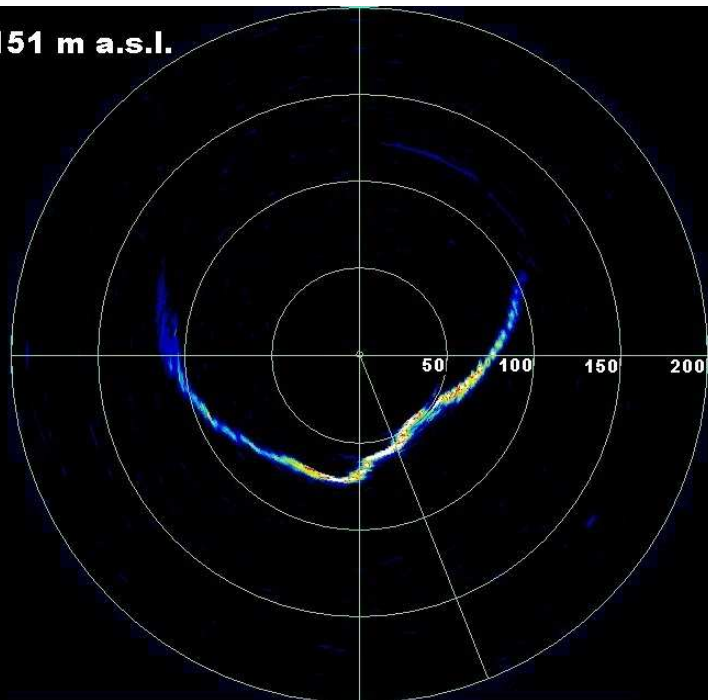


Kreiranje 3D geometrijskog modela podpovršinskog dijela jezera

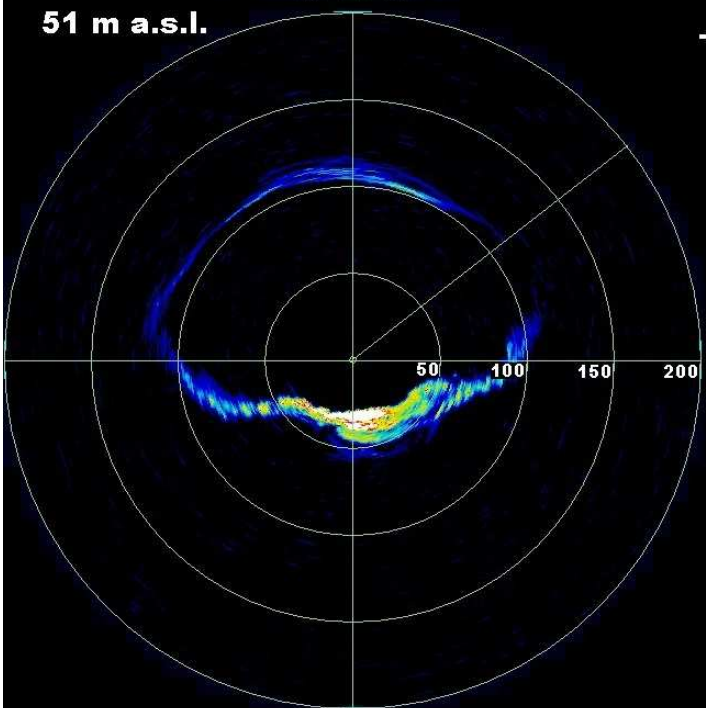
246 m a.s.l.



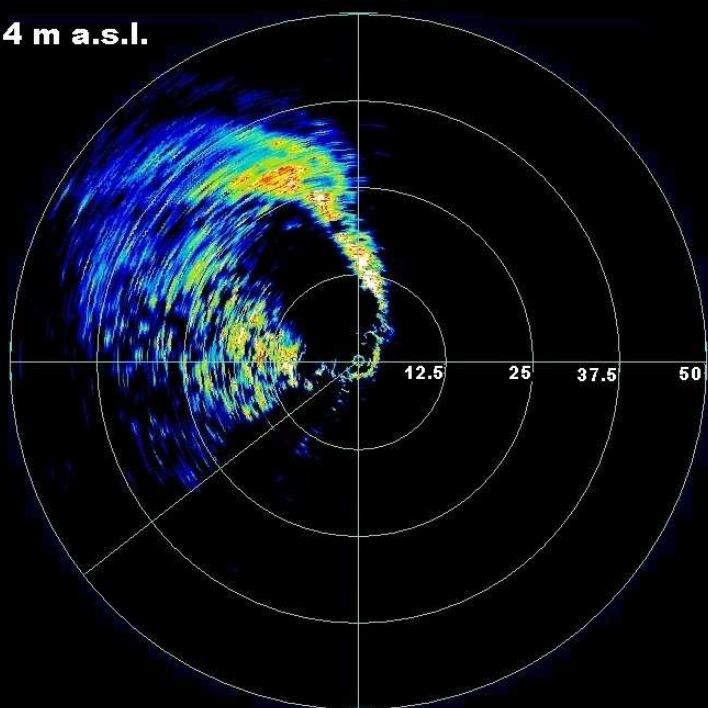
151 m a.s.l.



51 m a.s.l.

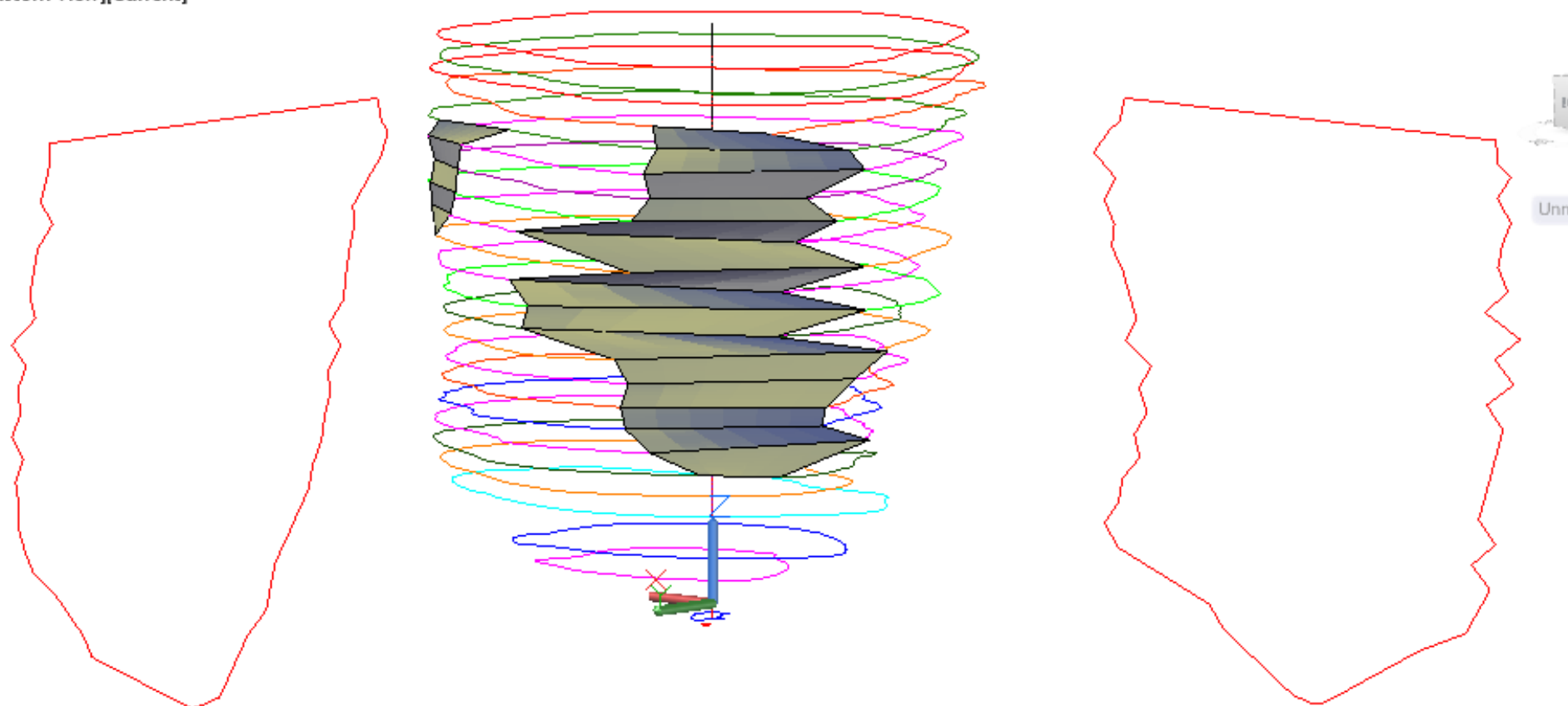


- 4 m a.s.l.

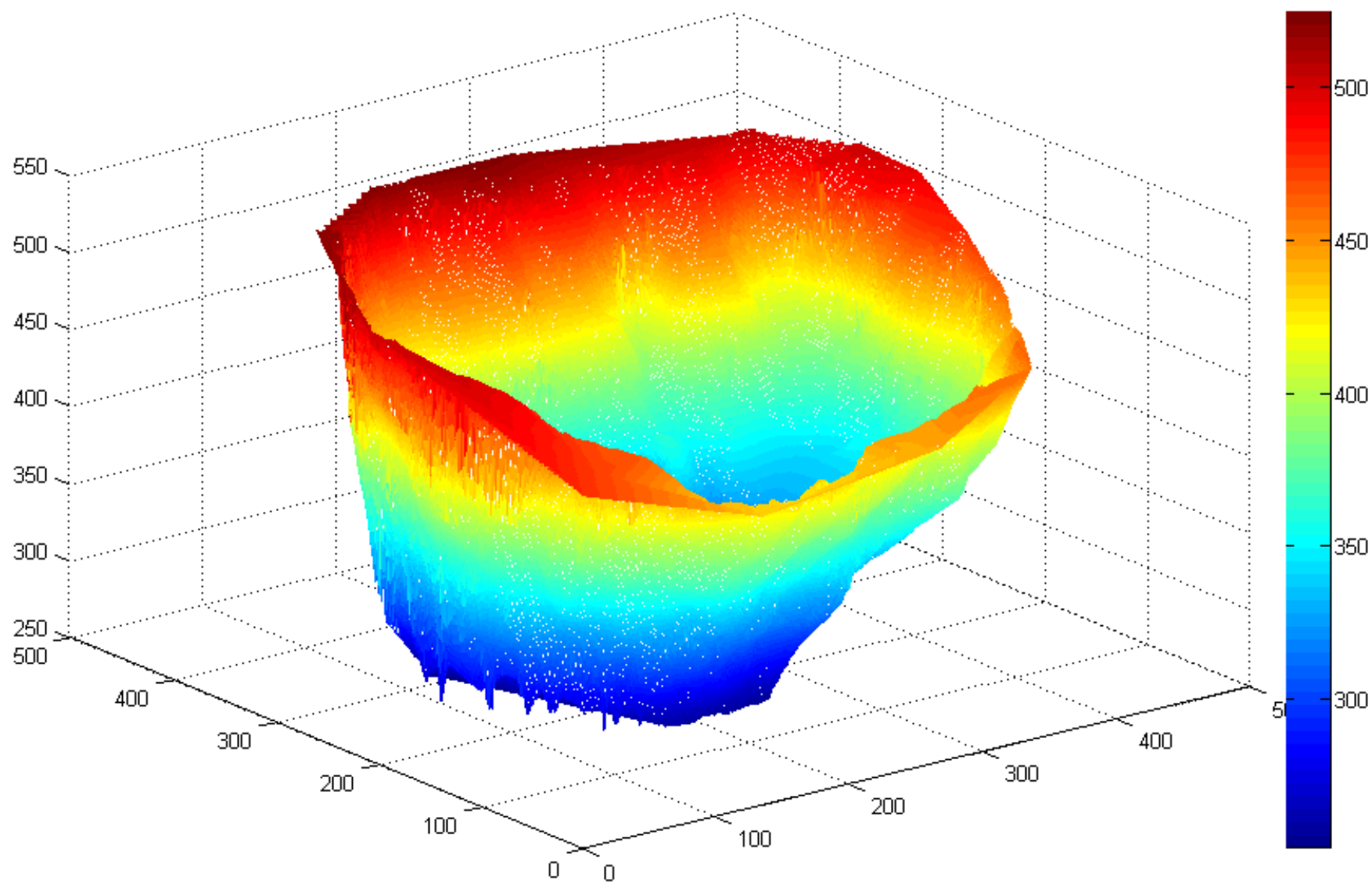


SONAR:
23 dB
670 kHz

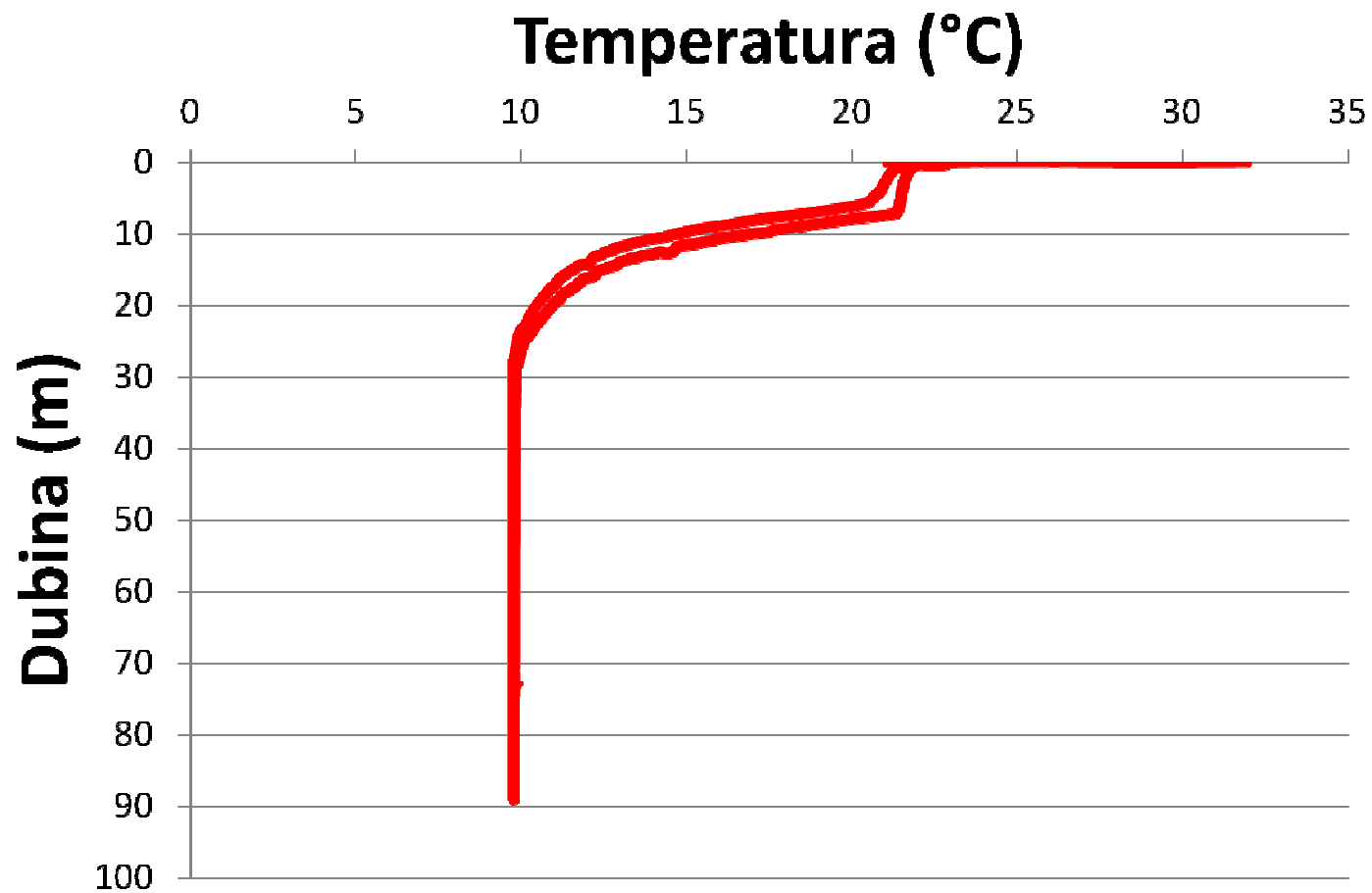
Custom View][Current]



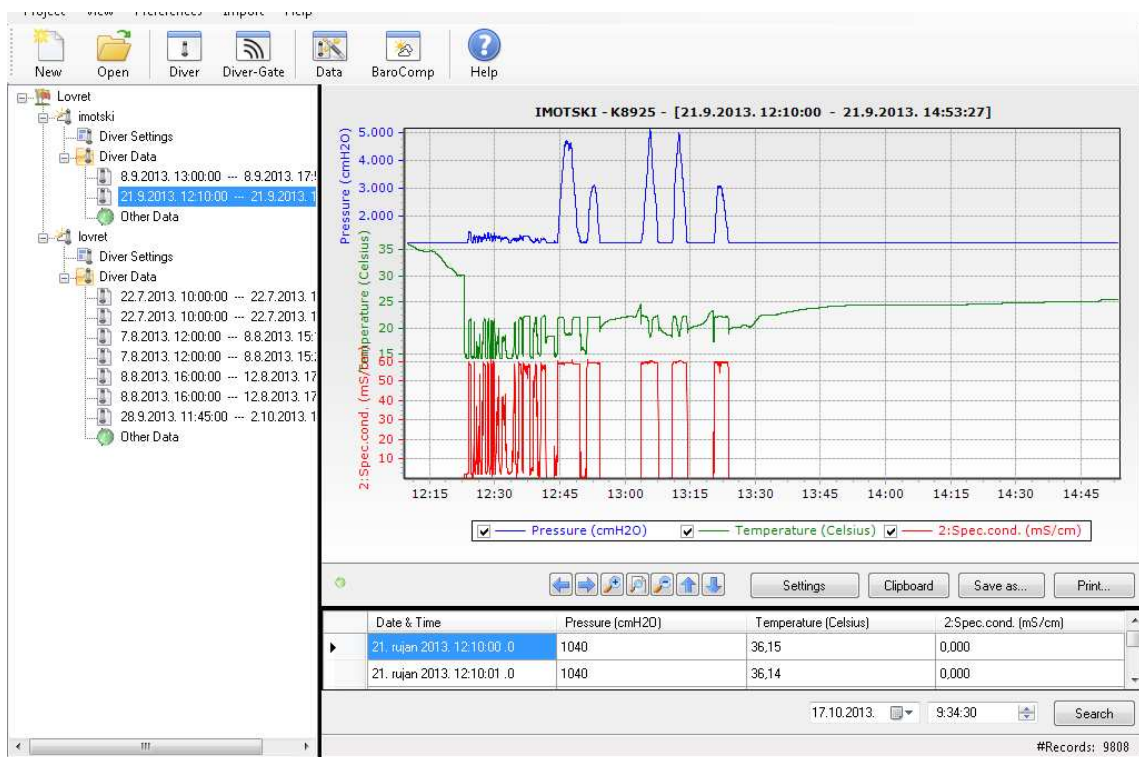
Kreiranje 3D geometrijskog modela podpovršinskog dijela jezera



Kreiranje 3D geometrijskog modela površinskog dijela jezera



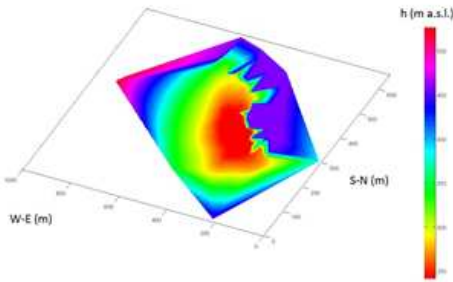
Temperaturni profil Crvenog jezera



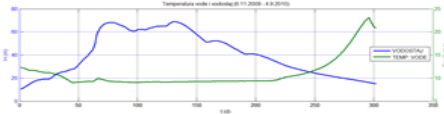
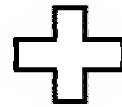
CTD diver



Kontinuirano praćenje vodostaja u jezeru



GEOMETRIJA



VODOSTAJI



ZAPREMINE JEZERA U SVAKOM PROMATRANOM TRENUTKU

Fotografije s dna Crvenog jezera





Hvala na pažnji.