

WATER

**Reference - University of Ostrava
GeoSwath 4R - GeoAcoustics Ltd.**

Ekotechnika delivered a full turnkey Side Scan solution to **University of Ostrava, Department Physical Geography and Geoecology**. We delivered Side Scan scanner **GeoSwath 4R** from **Geoacoustics Ltd.** company, which is located in UK. This unique system / solution enables side scan monitoring – bathymetry and sub bottom profiling. (wide range monitoring, utilising multi beam sonar). This solution enables also measurements in shallow waters. Proposed solution is **very effective and fast** – it is determined for side scan and bathymetry because area signal coverage corresponds to 12x multiple of water depth. It also fully complies with IHO SP-44 standards. Together with the vendor, Ekotechnika performed for the University also the installation, commissioning and all necessary trainings (both theoretical and practical parts). The practical part took place in Davle, city on the Vltava river.

