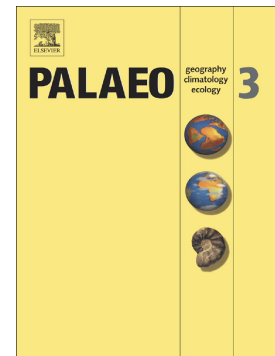


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Tracking human impact in a mining landscape using lake sediments: a multi-proxy palaeolimnological study

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Abstract

Mining and metallurgy have caused vast devastation of the landscape in the past and left its legacy on terrestrial and aquatic ecosystems all over the world. Lake sediments provide a continuous record for tracking and better understanding of human-environment interactions related to historical mining and metallurgical activities. Here, we present the analysis of pollen, diatom, cladoceran and chironomid record combined with ²¹⁰Pb dating, lithology and organic content of the sediments of Velka Richnava reservoir, located in an area intensively mined for polymetallic ores since the end of the 11th century

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