

The integrated exploration of Raifa lake sediments and dendrochronological analysis of Raifa forestry pines

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Abstract

© 2006-2017 Asian Research Publishing Network (ARPN). All rights reserved. The article presents some results of comprehensive research on the properties of Raifa lake bottom sediments and dendrochronological study of Raifa forestry pines (Russia). A preliminary seismic acoustic investigations have been carried out, which allowed to select the sampling site (E 48 ° 43'40.6" N 55 ° 54'21.7"). The length of core sample was 32 cm. Laboratory studies of the core, including the study of the elemental composition, magneto-mineralogical and carcinologic analysis revealed the features of sedimentation mass formation.

Keywords

Carcinologic analysis, Dendrochronological analysis, Elemental composition, Lacustrine sediments, Magnetic properties, Paleoclimate, Paleolimnology, Seismic acoustic studies

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