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**THE HISTORY OF LAKE BALKHASH (KHAZAKHSTAN) BASED ON HIGH-RESOLUTION SEISMIC PROFILES**

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The article deals with the history of Lake Balkhash. The aim of the study was to obtain preliminary materials on the structure of the lake’s basin, the thickness and nature of the bottom sediments and their genesis and evolution according to seismic data. High-resolution seismic profiles were obtained for the first time. A seismic stratigraphy analysis showed that there were several stages in the evolution of the lake. Sections of high and low lake levels were identified on the seismic profiles.

**Keywords:** acoustic research, bottom sediments of modern lakes, seismic stratigraphy, Lake Balkhash.

**References**


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