**Èññëåäîâàíèå çàãðÿçíåíèÿ äîííûõ îòëîæåíèé îçåð óðàëüñêîãî ðåãèîíà öåçèåì-137**

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Аннотация. Â ñòàòüå ïðåäñòàâëåíû ðåçóëüòàòû èññëåäîâàíèÿ çàãðÿçíåííîñòè ðàäèîíóêëèäîì Cs-137 ïîéì è äîííûõ îòëîæåíèé îçåð ×åëÿáèíñêîé è Êóðãàíñêîé îáëàñòåé. Ïî ðåçóëüòàòàì ãàììà-ñïåêòðîìåòðè÷åñêèõ èçìåðåíèé âûäåëåíû îçåðà ñ ìàêñèìàëüíîé âåëè÷èíîé èçîòîïà Cs-137.

Êëþ÷åâûå ñëîâà: äîííûå îòëîæåíèÿ, öåçèé-137, óäåëüíàÿ àêòèâíîñòü, ðàäèîàêòèâíîñòü, èë, îçåðà.

**The Research of Ural Làkes Bottom Sediments Pollution with Ñesium-137**

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Abstract. The article contains results of radionuclide contamination with cesium-137 banks and bottom sediments of the lakes of the Chelyabinsk and Kurgan regions. According to the results of gamma-spectrometry measurements allocated lake with a maximum magnitude of the isotope cesium-137.

Key words: bottom sediments, cesium-137, specific activity, radioactivity, silt, lake.