

INVESTIGATION OF RADIOACTIVE CONTAMINATION IN NATURAL ENVIRONMENTS: CASE STUDY FOR THE AREA OF CHELYABINSK REGION

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*In loving memory of our teacher
Vladimir I. Utkin*

The article provides results from gamma-spectrometry investigation of radionuclide contamination of banks and bottom sediments by cesium-137 in the lakes within Chelyabinsk region. The investigation allowed the authors to reveal lakes with maximum cesium-137 isotope value.

Keywords: bottom sediments, cesium-137, specific activity, silt, lake.