

MODERN PROBLEMS OF RADIOECOLOGY IN KANEV RESERVOIR

O. L. Zarubin, E. N. Volkova, V. V. Belyaev, Z. O. Shirokaya, V. A. Karapysh

Results of the radioactive contamination of Kanev reservoir ecosystem studies were presented. Data of ^{90}Sr and ^{137}Cs content in abiotic and biotic components were analysed. ^{137}Cs content in aquatic plant depending on space of contact of this hydrobionts with water were analysed. In 2000 ^{137}Cs content in fish of Kanev reservoir exceeded in 11 times the contents before Chernobyl accident.