

**DYNAMICS OF FACTOR OF ^{137}Cs ACCUMULATION BY FISHES
OF I – II TROPHIC LEVELS IN CASE OF RADIONUCLIDE CONCENTRATION
VARIATION IN WATER OF FRESHWATER BODIES**

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Behaviour value of factor of accumulation ^{137}Cs by non-predator species of fishes in case temporal increase of concentration of radionuclide in water of freshwater bodies was explored by the methods of mathematical modelling. It has been stated that probability of difference between instantaneous and equilibrium values of factor of accumulation in case of single increase concentration of ^{137}Cs in water.