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STUDY “in situ” of the natural Uranium, ^{60}Co and ^{137}Cs bioaccumulation factor in fish (cyprinus carpio)

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The paper presents the results of the “in situ” research, aiming to determine the bioaccumulation factor of natural uranium, ^{60}Co and ^{137}Cs in fish (Cyprinus carpio)

- the food link in aquatic ecosystems.

The work performed is a part of a radioecological study achieved in the experimental pool of SCN Pitesti.

The objective of the research was to evaluate the release of the radioactive materials in the environment as well as to establish the transfer mechanisms of the radionuclides in the trophic chains from the aquatic ecosystem.