

**ABOUT CHEMICAL AND BIOLOGICAL STIMULATION OF BIOLEACHING OF <sup>90</sup>Sr  
FROM DIFFERENT TYPES OF SOIL**

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The results of investigation carried out in the frame of international cooperation between the NASU and KOSEF on the creation of effective methods of purification of radioactively polluted soil were performed. The influence of methanogenic, sulfate-reducing, nitrifying and thiobacilli and also their joint activity with different chemical ingredients on bioleaching of <sup>90</sup>Sr from typical South Korea red soil, artificially radioactively polluted by <sup>90</sup>Sr, and technogenically polluted by the radionuclides from influenced zone of ChPP was studied. The presence of the largest effect of thiobacilli on soil was shown.