

**STATISTICAL CHARACTERISTICS OF RADIONUCLIDES SOIL-TO-PLANT TRANSFER
FACTORS AND MINIMAL NECESSARY AMOUNT OF THE COUPLED SAMPLES
FOR THEIR RELIABLE ESTIMATION**

Yu. V. Khomutinin

Statistical characteristics of the observed ^{137}Cs and ^{90}Sr “soil-to-plant” transfer factors were estimated. The problems of coupled sampling of soil and plants for transfer factors estimation with needed uncertainty were considered. The methods are proposed for calculation of the minimal necessary amount of the coupled samples for the above purpose.