????????, ??????, ?????????????, ?????? ???????? (??????, 27. VII 1971). ??????????? 1997. ?? ????????? ?? ??????? ?????? ? ????????, ??? ?? ? ???????????? 2002. ? ??????????? 2005. ?? ??????? ??????????? ? ????????? ??????. ???? ?? ????????? ? ???????????? (1998--2000), ? ????????? ?? ??????? ????????? ???????? (2000--2013), ? ?? ???????? 2013. ???? ? ????????? ?? ????????? ????? „?????". ? ????? ??????? ????????? ???????? ?? 2013. ????????? ????????? ? ???????????? ???????????? ? ?????? ?????? ? ???????? ??????? ? ???? ?? ???????????? ????????? ?? ?????? ?????????????? ??????? (? N. Mihailovi?, B. Gaji?, „Heavy Metals in Soils: Distribution, Relationship With Soil Characteristics and Radionuclides and Multivariate Assessment of Contamination Sources", *Chemosphere*, 2008, 491). ???? ??? ? ?????? ????????? ???????? ????????? ????? ?? ???????????? ???????????????? ?????? ??????????????????? ???????. ? ?????? ?????????????? ????????? ??????? ?? ??????????? ????????????, ???????? ? ???? ?????? ?? ???????????? ? ?????????? (?????? ?????????, 2006). ??? ???? ????? ????? ??????????? ???????? ?? ??????? ???????? ??????????? ?? ? ?????? ?????????? *Handbook of Parameter Values for the Prediction of Radionuclide Transfer in Wildlife* (Vienna 2014). ??????????? ?? ?/??? ?????? ??????????? ? ?????? ????????? ?? ?????? ???????????, ?????????????? ? ??????? ??????? ???????. ??????? ?? ???????? „The Influence of Edaphic Factors on Spatial and Vertical Distribution of Radionuclides in Soil", ?: C. Walther, D. K. Gupta (??.), *Radionuclides in the Environment* (Cham -- Heidelberg -- New York -- Dordrecht -- London 2015). ?????????? ?? ? ??? ????????? ?? ??????? ?????????????? ?? ?????????? ????????? ?? ????????? ?? ??????? ?????? ? ????????. ???????? ?? ?????????? ???????????? ???????? ? ?????? ????????? ?????? ? ??????? ????????? ??????? ?? ???????? ????? ? ???? ?? ????????? ? ??????? ?????????.

????: ? A. Onjia, G. Ba?i?, „Simplex Optimization of Artificial Neural Networks for the Prediction of the Minimum Detectable Activity in Gamma-Ray Spectrometry", *Nuclear Instruments and Methods in Physics Research A*, 2006, 308; ???????, „Inter-Comparison of Dynamic Models for Radionuclide Transfer to Marine Biota in a Fukushima Accident Scenario", *Journal of Environmental Radioactivity*, 2016, 153.

?????: ?????? ????????? ?? ????????? ????? „?????".

?. ?. ?????

*????? ?? ???????? ? 2. ????? III ???? ?????? ????????????? (2021)