TRANSPORT OF RADIONUCLIDE THROUGH THE SOIL

NAME/S/ AND AFFILIATION/S/ OF AUTHOR/S/
Ljiljana Knežević, Živorad Vuković
Boris Kidrič Institute of Nuclear Sciences

PRINCIPAL AUTHOR'S ADDRESS Boris Kidrič Institute of Nuclear Sciences
P.O. Box 522, 11001 Beograd COUNTRY Yugoslavia

Session: 7 Type of Presentation: Poster

Parameters of movement of radionuclide through soil using one-dimensional model and experimental data of characteristics of soil were estimated.

Characteristics of soil from locality near the Danube were investigated. A solution for the problem of transport enables utilization of the data from column breakthrough experiments.

The transport parameters are obtained by means of computer code using numerical method. The numerical accuracy is verified by comparing computational results with analytical solutions.