

## **PHYTOREMEDIATION TECHNOLOGY: DYNAMIC PECULIARITIES AND PERSPECTIVES OF FURTHER DEVELOPMENT**

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Dynamic peculiarities of soil phytoremediation have been investigated by means of mathematic models of radionuclide migration into system “soil - plant”, “soil- many years' crops”. Modern possibilities and efficiency of phytoremediation technology has been estimated. It is calculated that only the increase of annual radionuclide release to 2 - 3 % permit to avoid the pollutant delay into topsoil during the first 8 - 10 years after fallout.