

THE INVESTIGATION OF THE ADEQUATENESS OF THE MATHEMATICAL MODEL OF ¹³⁷Cs MIGRATION IN FOREST ECOSYSTEMS OF UKRAINIAN POLISSYA

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The mathematical model of ¹³⁷Cs migration in forest ecosystem of B₃ type is given. The results of the model adequacy analysis are described. The process of parameterization, numerical analysis and criteria is taking into account, while analyzing the model adequacy has been considered. The main aspects of the automation procedure of the mathematical model adequacy investigation are explained. It gives the possibility of the model application in forestry.