

METHODS OF SUBMITTING MODELS IN PROJECT-ORIENTED MANAGEMENT OF TRANSBOUNDARY RESCUE SUBDIVISIONS

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Objective: Analysis, design, research and practical use of modeling methods of processes of project-oriented management of transboundary systems and operational and rescue subdivisions of emergency response/situations liquidation.

Methods: Geometric research method of intercommunication of programs and projects in international integration field and management of transboundary systems and operational rescue subdivisions.

Results: Results of scientific research based on the analysis, selection, improving of the element from the set of models of applied geometry permit to offer effective geometric research method of processes of dynamics and optimization of individual elements at the office projects management, programs and portfolios of projects by achieving sufficient mobility of forces and means of operational rescue subdivisions, ensuring at the proper ratio of parameters for the purposes of general system of project-oriented control ensuring high efficiency of interaction of added formations of neighboring countries at extinguishing fires and mitigation of accidents and natural disasters.

Conclusions: The studies allowed to offer effective geometric models that take into account sufficient number of parameters of parametric process in the state space of management system of programs and projects in the field of international integration and implementation of cross-border system and operational rescue subdivisions. The application of proposed models using methods of applied multidimensional geometry in the parameter space formed by a number of different dimensions, allows figuratively and graphically by simple geometric operations to explore general and partial cases of interactions of forces and means in the process of office project organizational management added by rescue groups. Geometric means/tools enable to assess the degree of mobility of forces and means of rescue formations and effectiveness of the action liquidation of emergency situation.