

**Название публикации:**

Modeling the management of innovational processes in regional economy

**Авторы:**

Ragulina, Y.V.a, Bogoviz, A.V.a, Alekseev, A.N.b

- a. Federal State Budgetary Scientific Institution “Federal Research Center of Agrarian Economy and Social Development of Rural Areas—All Russian Research Institute of Agricultural Economics”, Moscow, Russian Federation
- b. G.V. Plekhanov Russian University of Economics, Moscow, Russian Federation

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**Аннотация:**

The purpose of the article is optimization modeling of management of innovational processes in regional economy of modern Russia. The authors use the method of problem and systemic analysis, plan-fact analysis, and method of modeling of socio-economic processes and systems, as well as the optimization method. The authors study the course of execution of the Strategy of innovational development of the Russian Federation until 2020, determine the existing model of managing innovational processes in regional economy of modern Russia, and substantiate perspectives and develop recommendations for optimization of this model. Based on studying the practice of managing innovational processes in regional economy of modern Russia, the authors determine the key problems of the applied model. It is determines that effectiveness of managing the innovational processes at the level of regional economy is at a low level due to founding on financial support for innovative activity, implementation of which is not possible due to deficit of the regional budget. The authors offer recommendations for optimization of this model, which are aimed at development of non-financial measures for stimulation of innovative activity in the region, and develop the optimization model of managing innovational processes in regional economy of modern Russia.

**Ключевые слова:**

Innovational processes, Regional economy, State management, Budget control, Optimization, Regional planning, Innovational development, Innovative activities, Non-financial measures, Optimization method, Optimization modeling, Regional economy, Russian federation, State management, Economics