

## ANNOTATION

**for the dissertation of Khudoynazarov Dilshod Ashurovich on the topic:  
“Using the natural economic potential of the Pyanj River Basin (problems and prospects)”**

**Key words:** *spatial economy, regional investment projects, problems of rational use, regional natural resources, material and technical base, human capital, spatial investment projects, basin approach, bioclimatic and social factors, energy, mining, and environmental potential.*

**The purpose of the dissertation research** is to develop the theory of basin management of natural resources and to develop practical recommendations on the use of the natural-economic potential of the Pyanj River basin.

The fundamental position of economic theory, the theory of resource use, the science of the development and location of productive forces in the conditions of mountain regions, as well as the theory of a transition economy served as the theoretical and methodological basis of the research. To perform the tasks, such methods as comparative analysis, economic and statistical analysis, scientific abstraction, and synthesis were used.

The thesis discloses the essence of the basin principle of natural and economic potential, taking into account the fact that the transition from the territorial to the basin principle of natural and economic resources development allows their more rational use, which corresponds to the strategic goals of the state. In addition, political problems of the transboundary use of the natural-economic potential of river basins, which are influenced by the state of interstate relations of countries located within the basin, have been identified. The constituent parts of the natural and economic potential of the Pyanj river basin are identified and described in detail, and the sequence and priority of involving the relevant resources in the economic turnover is justified. At the same time, special attention is paid to the level of research, the state of development and operation of natural and economic basins of the named river basin. The characteristic features and performance indicators of the use of water-energy, bioclimatic, mining and human potentials of the Pyanj River Basin are defined and priority directions for their use are justified taking into account the need to preserve the most important natural ecosystems and the vulnerability of resource use in high-altitude areas. The most serious problems of attracting investment resources for the development of the natural and economic potential of the Pyanj river basin are identified, the role of investment design for the acceleration of the construction of the most significant facilities that have a decisive influence on the export potential of the Republic of Tajikistan is substantiated.

These provisions suggest that this thesis has elements of scientific novelty and is a complete study on a relevant topic.