Some Features in the Formulation and Solution of Regional Problems of Sustainable Development. Part III

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Abstract: At the present stage of development of society, management of large infrastructural objects of the regional economy is an important national economic task. The complexity of its solution is primarily associated with the need to take into account in the long-term perspective the needs of yet unborn generations of people and qualitative changes in the control object that arise in the process of its operation.

In this paper, control objects are considered on a universal scientific platform of natural-industrial systems, and the control process itself is presented as a multi-step one. Introduced and formalized the concept of "problematic situation", which prevents the system from advancing towards the goals of sustainable development, a method for reducing the number of indicators for assessing the state of the system is proposed. The management strategy uses the "principle of foresight" and the scheme of making compromise decisions due to the presence of contradictions in the indicators of development.