

## ECONOMY OF ENVIRONMENTAL MANAGEMENT AND ENVIRONMENTAL DEFENCE

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### **IMPROVEMENT OF PROGRAM APPROACH TO SMALL HYDRO MULTI-PURPOSE OPERATION MANAGEMENT**

One of the most pressing challenges facing the economies of Ukraine is the implementation of a solution to the issue of renewable energy. Considering the untapped energy potential of small rivers, one of the most promising ways of increasing the share of alternative and renewable sources of electric energy in the total energy balance of the state is the development of small hydropower.

Provided a definition of territorial natural and economic complex multi-operation on of small hydropower stations, substantiated the necessity of their use. Defined the interest vectors between the region and the business entity.

With the aim of linking the interests, generating additional income and increasing in level of environmental safety in the region, as an additional resource function it is suggested recreational potential as the development direction of this resource function of the water body.

Clearly identified the main opportunities and improving the conditions of management software development of natural and economic systems for the implementation of strict coordination and monitoring of the various constructive in substance, scope and content of the measures can be achieved using software approach. The obtained results made it possible to understand the direction of further development and improvement of the target programming techniques that are common in the practice of management in the field of small hydropower.

Formed problem of software tasks to meet the common goal, which is to increase the market value of the property, and fully meet the required sequential action script to create a sound network of small hydropower facilities and effectively manage their development.