

„Thermal Waters of Georgia and Their Distribution Prospects“

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This presentation focuses on the study of thermal waters in Georgia, their distribution, origin, and development prospects. It provides a detailed overview of the distribution of thermal waters in both Georgia and various regions abroad. The presentation describes the physical and chemical characteristics of thermal waters, including temperature, mineralization, and chemical composition, as well as their classification. Special attention is given to well-known thermal resorts, their historical significance, and modern practices of utilization.

To illustrate the energy potential of thermal resources, international experience is also discussed, particularly the Iceland Deep Drilling Project, which aims to access supercritical geothermal fluids and significantly increase the efficiency of geothermal energy production. This example is used to assess the development prospects of geothermal resources in Georgia.

The presentation also examines the main directions of thermal water utilization—balneological and therapeutic use, tourism, and geothermal energy—and evaluates the prospects for the distribution and rational use of thermal waters in Georgia, taking into account the principles of natural resource protection and sustainable development. The study highlights the importance of Georgia's thermal waters in the context of the country's socio-economic development.