Technical requirements and practical analysis in the field of hydrology and water resources

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Objectives

Water is an indispensable part of people's daily work and life, and hydrological water sources management is not only the basic work of social development and national economy, but also plays a vital role in social public services, government decision-making and water resources management, so it is very important to do a good job in hydrological water resources management. This paper will nalyze the technical needs in the field of hydrological water resources, and explore the existing problems and practical application effects, so as to lay a good foundation for promoting the development of China's water conservancy.

Methods

The main method is to analyze the technical requirements and problems in the field of hydrology and water resources. It is necessary to conduct a comprehensive and systematic analysis of the technical requirements in the field of hydrology and water resources from the actual situation, and then focus on practical analysis. Through the practical application of different new technologies and the application of information sharing platforms, Ensure that more and more new technologies are applied to the field of hydrology and water resources, thereby laying a good foundation for promoting the development of my country's water conservancy.

Results

Through scientific and reasonable calculation and analysis of the ecological water demand of each river basin, with the help of modern hydrological technology to evaluate the carrying capacity of water resources by new methods and new ways of water resources. Strengthen the research on the formation mechanism of drought disasters and flood disasters and forecasting and monitoring technologies, and realize the sharing of hydrological and water resources information with the help of the shared nformation platform, and provide efficient and accurate technical support for alleviating floods and droughts. Analyze and study the formation and evolution mechanism of water resources, water resources protection and development and utilization technology, and lay a good foundation for the development of hydrological water resources in China.

Conclusions

Water is not only the source of life, but also the basis of ecology, so it is imperative to do a good job in hydrology and water resources.Due to the influence of various factors, there are various problems in the application process of the existing technology in the field of hydrology and water resources, which leads to the failure of relevant technology to play its role in application, and the lack of authenticity and accuracy of test results.At this time, it is necessary to conduct a comprehensive and systematic analysis of technical needs in the field of hydrology and water resources from the actual situation, and then focus on practical analysis to ensure that more and more new technologies are applied to the field of hydrology and water resources, and then lay a good foundation for promoting the development of water resources in our country.