

Developing a tool for quick assessment of climate change impacts on exploitation effect of reservoirs in central provinces of Vietnam

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ABSTRACT

Climate changes have impacted to many sectors including water resources in Vietnam. Vietnam is agricultural development country having a lot of reservoirs. These reservoirs play a very important role in flow regulation for water supply to economic sectors. In the context of undesirable impacts of climate change such as increasing temperature, evaporation, changing rainfall and rainfall pattern, water demands and inflow to reservoirs also are being influenced. This leads to changes of reservoir exploitation effects that needs to be assessed for adaptation solutions. This article summaries the development of a tool for quick assesment of climate change impacts on exploitation effect of reservoir in central provinces of Vietnam.

Key words: Central provinces, Climate change, Database, Reservoir, Vh

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