RESEARCH ON THE DIRECTIVITY OF THE HYDROLOGICAL STATISTICS ANALYSIS IN THE GROBAL CLIMATE CHANGE

Abstract : River improvement and water supply plans are considered and determined by hydrological statistics analysis under conditions that hydrological data such as rainfall data are constant in the long periods. However the value of hydrological data may increase or decrease by a climate change. In this research, while using the existing hydrological data and checking the existence of variation or trend for the annual and daily rainfall which are to the foundations of river improvement and water supply plans, it proposed about the future study plan.

Key words : climate change, hydrological frequency analysis, annual rainfall, maximum daily rainfall of year, generalized extreme value distribution