



Impacts of climate change on the Volta Lake of Ghana, and its implications on socio-economic development of communities of the Volta Basin of West Africa.

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The Volta Lake is the biggest man-made lake in the world and provides the relevant power for the socio-economic development of Ghana and neighboring countries of West Africa. Changes in the precipitation patterns and amounts have in the past affected power generation, livelihoods of rural communities and socio-economic development of Ghana. In this study, we discuss trends in current and future climates of the Volta Basin and how climate change would impact on future Lake levels, and its implications for hydro-power generation and socio-economic development of Ghana.