

**Study on the impact evaluation indicator system of River and Lake System  
Interconnection II: impact evaluation of “Project of Water Diversion  
From the Yangtze River to Taihu Lake”**

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**Abstract:** “Project of Water Diversion From the Yangtze River to Taihu Lake”(the Project) is a typical case of improving water resources allocation, restoring water environment and ensuring water safety of the Taihu Basin by the method of river and lake system interconnection, and the effects of the water diversion have gained widely attention. In this paper, we applied the impact evaluation indicator system and the evaluation method on the Project and checked the applicability of the indicator system. The results indicated that the indicator system had good applicability and could reflect and evaluate those major impacts of river and lake system interconnection. The impacts of the Project were overall positive, mainly expressing in those aspects like improving urban water supply guarantee rate, recharging deep groundwater, improving water quality and landscape and so on, because that the Project just connected part of the Yangtze River and the Taihu Basin, the comprehensive impacts of water diversion on economy, society and ecological environment were relatively small.

**Key words:** river and lake system interconnection; impact; evaluation indicator system; Project of Water Diversion From the Yangtze River to Taihu Lake