عنوان فارسی مقاله:
مدیریت و کنترل سیل برای رودخانه گذرا هواهی در چین

عنوان انگلیسی مقاله:
Flood control and management for the transitional Huaihe River in China
5. Achievements in Flood Control

5.1. Experiences in flood management

Flood disaster, which occurred suddenly and inevitably, is different from the general emergency disasters. It is determined by the natural conditions of the Huaihe Basin. By review of the Huaihe River flood regulation, it is found that the keys of success are still dependent on the following factors:

1) The complete flood control structural system is the foundation of flood regulation and management. The standard and quality of the flood control works are directly related to flood management and projects operation. Although the standard of the flood control system in Huaihe Basin is not high enough, it is compounded by a wide range of works with high correlation. Their operation is very flexible, especially the flood regulation of detention basins and diversion channels like Huaihongxinhe canal and Ruhaishuidao canal (floodway to the sea), plays a vital role in flood control. In future we should strengthen the construction of structural system for flood prevention and increase the flood control standard appropriately.