

## **Flood forecasting practice and new technology application in the Yishusi basin**

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**Abstract** The standard of flood control of the main streams in the Yishusi basin is so low with such poor flood control capacity that it can only fight against the 20-year flood. Non-structural measures such as basin flood forecasting and control operation have been becoming more and more important. This paper focuses on the flood forecasting practice in the past 20 years in the basin, and the research on the application of new technology for flood forecasting such as hydrological data collection and transmission, computer network and water information system integration.

**Key words** flood forecasting; network; water information system integration; Yishusi basin

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