

**Study on the index system of water-ecological civilization city construction  
and its application in Jilin City**

XIE Ying<sup>1</sup>, ZHANG Jing<sup>2</sup>, QU Xiao-dong<sup>1</sup>, PENG Wen-qi<sup>1</sup>,  
LIU Xiao-bo<sup>1</sup>, YU Yang<sup>1</sup>

(1. Department of Water Environment, IWHR, Beijing 100038, China;

2. Water Conservancy Bureau of Jilin City, Jilin 132011, China)

**Abstract:** Construction of water-ecological civilization city is needed to water reform and development, is an inevitable requirement of modern urban development, and also is an important carrier of water culture. Based on the essence of water-ecological civilization city, an introduction was made on the urgency of water-ecological civilization city construction. Papers and reports at home and abroad were systematically collected and studied, the construction principle of index system for water-ecological civilization city was established and the index system framework was built, and the index system was applied to evaluate the extent of water-ecological civilization of example city—Jilin. The suggestion on the implementation of water-ecological civilization city was proposed based on the evaluation results.

**Key words:** water-ecological civilization; city; index system; suggestion; Jilin