Practical Research on Assets of Natural Resources: A Case Study of Water Resources in Wuhan

Jingdong Zhang\textsuperscript{1,2}, Chaoyang Liu\textsuperscript{1,2*}, Zhiguang Qu\textsuperscript{1,2}, Fei Li\textsuperscript{1,2}, Zhaofei Yang\textsuperscript{1,2}, Yanan Li\textsuperscript{1,2}, Ying Cai\textsuperscript{1,2}

\textsuperscript{1}Research Center for Environment and Health, Zhongnan University of Economics and Law, Wuhan 430073, China
\textsuperscript{2}School of Information and Safety Engineering, Zhongnan University of Economics and Law, Wuhan 430073, China

*Correspondence: lcy@zuel.edu.cn; Tel: +86 027 88385169; Fax: +86 027 88385169

Based on the researches for the assetization management of natural resources in China and abroad, this study established the overall framework of the research on the asset management of water resources in Wuhan with distinctive features. According to the data provided by Wuhan Statistical Yearbook, Water Bulletin and Remote Sensing Technology, the comprehensive evaluation of the water resources assets in Wuhan was made by comprehensively applying the methods of ecology and economics to analyze the supply value of urban water resources, adjusting the functional value, supporting the functional value and cultural functions and other aspects of the value of urban development positive benefits, in order to achieve the promotion of scientific utilization of urban water resources and management. The results showed that the value of water resources assets in Wuhan from 2014 to 2016 were 93.802 billion yuan, 113.776 billion yuan and 146.901 billion yuan respectively, accounting for 9.32%, 10.43% and 12.33% of the GDP of that year respectively.