

Comprehensive Treatment and Control of Water Environment of City by System Engineering Method

Zhu Xiaoqin and Xu Ke

Institute of Environmental Science of Maanshan, Anbui Province, P.R. of China

This paper examines the lake and inland river Maanshan reach of the Yangtze River for an integrated system. On the basis of the three levels, substance flow (pollutant flow), economic flow and information flow of the system are studied to provide the requirements of objective control and management in different levels and to provide the objective of entire system based on the principle of conformity level, including:

- The system combination objective based on cost and profits;
- The control measures of combined great system on the analysis of cost and profits in different levels;
- Optimization;
- The guarantee of organization and policies.