

**The characteristics and protection measures of water environment
in the system of rivers and lakes in Beijing**

LI Zhen-hai, ZOU Xiao-wen, ZHOU Xiao

(China Institute of Water Resources and Hydropower Research, Beijing 100038, China)

Abstract: The water environmental problems of rivers and lakes in Beijing have been investigated in this paper. The shortage of water resources, the pollution of river and the excessive exploitation of groundwater were the main problems in Beijing. Many water environmental protection measures have been taken in recent years in Beijing, and the practical results in water environmental protection have been discussed. The main protection measures have been described. They are mainly, establishing the legal and management system, reducing the pollution, promoting water saving and recycled water using, constructing the South to North Water Diversion Project, etc. The further work in the water environmental protection in Beijing has been illustrated. This paper has some values to the water environment protection work.

Key words: Beijing; lake and river system; water environment; pollution control