图书基本信息

书名:《水资源的南北大调配》

13位ISBN编号: 9787508513546

10位ISBN编号:7508513541

出版时间:2008-9

出版社: 五洲传播出版社

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页数:162

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前言

Zhu Xi, a thinker of the Southern Song Dynast,once wrote: "Why is the water so clear inthe dyke, for the fresh water comes from thespringhead." Literally he meant that the water was clearthanks to a flowing headstream. The two lines aptly de-scribe China's South-to-North Water Diversion Projectcurrently under construction. The aim of the project isto divert running headwaters from southern China tothe north. The goal is to solve the chronic water short-age in northern China while cleaning up the rivers andlakes in the north. This sparkling goal is already under-way. Being the largest long-distance water diversion projectin China's history; the South-to-North Water DiversionProject has cost nearly RMBsoo million to date, twiceas much as the Three Gorges Project. The project isdivided into three water diversion routes: the EasternRoute Project (ERP), the Middle Route Project (MRP) and the Western Route Project (WRP). When all threeparts are completed, a total of 44.8 billion cubic metersof water will be diverted every year until 2050. That isabout equal to digging a new Yellow River along the ba-sin plains of the Yellow River, Huaihe River and HaiheRiver and the northwest part of China.

内容概要

《水资源的南北大调配(英文版)》介绍了"南水北调工程"的一些基本知识。《水资源的南北大调配(英文版)》为英文版。南水北调工程是中国最大的长距离输水工程,总计投资近5000亿元,比三峡工程投资还多两倍。南水北调工程共分东线、中线、西线三条调水线,这三条线工程最终建成后,到2050年调水总量规模为每年448亿立方米,接近于在黄淮海平原和西北部地区增加一条黄河的水量,可基本改变中国北方地区水资源严重短缺的状况。

书籍目录

Prefacel More Water Resources in the South, Less in the North () Three Basis Characteristics of Water
Resource Distribution in China () The Basins of the Yellow River, Huaihe River and Haihe River are the
Most Water-scarce Areas in China () The Advantage of Water Resources of the Yangtze River Basin (
) The South-to-North Water Diversion Project is an Inevitable Choice II A Decision Made for Half a Century
() The Proposal of the South-to-North Water Diversion Project () Democratic Verification and
Scientific Appraisal () Making Decisions III Layout: Three Water Transfer Projects () ERP
Planning () MRP Planning () WRP Planning IV East Route Project in Progress ()
Projects in Jiangsu () Projects in Shandong () Pollution Prevention V Phase I Middle Route
Project in Progress () Water Resource Projects () Projects in Henan () Projects in Hebei
() Projects in Beijing (V) Pollution Prevention and Environmental Protection VI Protection of
Cultural Relics and Archaeological Excavation () Jiangsu Section of the Eastern Route ()
Shandong Section of the Eastern Route () Water Source Areas in the Middle Route () Henan
Section of the Middle Route (V) Hebei Section of the Middle Route (VI) Beijing Section of the Middle
Route

章节摘录

插图: Following the principle of "making a unified planto take into consideration every aspect of a matterand implementing the plan step by step," in 2007, the local government of Hebei started construction of a series of supporting projects, so that parts of thecities will be able to handle emergencies by the timewhen the emergency water supply project of the MRP in Beijing was started in 2008. The main projects and key urban water supply projects will be finished by the time the MRP is ready for use in 2010, and all the supporting projects will be finished around 2015. Hutuo River Inverted Siphon Project The Hutuo River Inverted Siphon Project was started on December 30, 2003. It is the first phase of the MRP in Hebei. The construction of the projectmarks the start of the MRP of South-to-North Water Diversion Project in Hebei. The Hutuo River Inverted Siphon Project is on the Hutuo River in Zhengding, Shijiazhuang. It is an important part of the emergen-cy water supply project of the Beijing-Shijiazhuangsection project.

编辑推荐

《水资源的南北大调配(英文版)》是国情故事系列丛书之一,由水青山所编著,五洲传播出版社出版发行的。

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