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Descrizione fisica	1 online resource (XIX, 455 p. 42 illus., 30 illus. in color.)
Collana	Global Issues in Water Policy, , 2211-0631 ; ; 26
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Soggetti	Water-supply - Management - China Water resources development - China
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Chapter 1. Physical settings and water challenges -- Chapter 2. Water resources management framework -- Chapter 3. Water resources management institutions -- Chapter 4. River basin management -- Chapter 5. Water resources allocation and regulation -- Chapter 6. Water rights system -- Chapter 7. Water pricing -- Chapter 8. Groundwater management -- Chapter 9 Water quality management -- Chapter 10. Recycled water use management -- Chapter 11. The strictest water resources management strategy and three redlines -- Chapter 12 River and lake leadership system -- Chapter 13. Water resources asset management -- Chapter 14. Water resources allocation and regulation in Yellow River basin -- Chapter 15. Agricultural water management in northern China -- Chapter 16 Integrated urban and rural water affair management reform: Shanghai and Beijing -- Chapter 17 -- Environmental flow definition and management: a case study of Jiaojiang River -- Chapter 18. Climate change and water resources -- Chapter 19 Conclusions and outlook.
Sommario/riassunto	This book explores water resources management issues in China and possible solutions. It analyzes a wide range of general and specific topics, providing case studies and a balanced review of the past and present situation as well as future developments. The book begins with a general introduction and an overview of hydrology, water resources, and development issues in China. It then presents a management

framework, including a management system, management institutions, river basin management, water pricing, water rights, and groundwater management, and discusses its implementation, covering water resources allocation and regulation in the Yellow River, integrated water affair management reforms, and agricultural water management in northern China. The last section focuses on the current reforms and hot topics, with strong emphasis on stringent water resource strategies applied to the river and lake principle system, recycled water use and water resources asset management, as well as climate change impacts, and concludes with a summary of the many changes in the water sector in China and a look at the road ahead and the areas that still need to be reformed.

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