1. Record Nr. UNINA9910366634303321

Autore	Li Yiping
Titolo	Addressing the Uneven Distribution of Water Quantity and Quality Endowment : Physical and Virtual Water Transfer within China / / by Yiping Li, Harold Lyonel Feukam Nzudie, Xu Zhao, Hua Wang
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2020
ISBN	981-13-9163-7
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XIII, 76 p. 32 illus., 23 illus. in color.)
Collana	SpringerBriefs in Water Science and Technology, , 2194-7244
Disciplina	333.7
Soggetti	Environmental management Hydrology Environmental Management Hydrology/Water Resources Water Policy/Water Governance/Water Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Comparison between physical and virtual water transfer -- Pattern of physical and virtual water flows: the impact to water quantity stress among China’s provinces -- Physical water transfer and its impact on water quality: case of Yangtze River Diversions -- Water transfer to achieve environmental issues: waterfront body -- Case of physical water transfer from Yangtze River: different routes -- Virtual water transfer within China: case of Shanghai.
Sommario/riassunto	This book presents a selected literature review and case studies for both physical and virtual water transfer. It offers an overview to showcase the interprovincial physical and virtual water transfer within China, and then demonstrates the effects of both approaches in dealing with regional water scarcity; the three cases presented in the Yangtze River Basin demonstrate the role of physical water transfer in improving water quality and restoring water ecosystems; while a Shanghai case highlights the impact of Shanghai’s virtual water import on water quantity and quality stress to other regions. This book promotes systematic approaches combining both virtual and physical water transfer solutions to deal with water quantity and quality issues. The

book is intended for senior undergraduates, graduate students, lecturers and researchers in water management.