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Autore	Li Yiping
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Altri autori (Persone)	ChaudhuriHirok Corrêa Rotunno FilhoOtto GusevaNatalia BuxFaizal
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Integrated River Restoration Protocol – The Restoration of Lower Order Streams in Large River Networks -- China: paths to clean water under increasingly dynamic environment -- Sustainable Management of Water Resources in a Semi-Arid River Basin Under Climate Change: A Case Study in South Africa -- Behaviour theories to understand perception of public towards acceptance of recycled wastewater -- Wastewater-Based Epidemiology for Early Warning and Surveillance Of Covid-19.

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Sommario/riassunto

This book provides a detailed study and assessment of water resources management and pollution control in different BRICS countries. The regions involved are Brazil, Russia, India, China and South Africa. This book gives important insight into how future sustainability depends on the development of effective water governance mechanisms at the level of countries. According to the regional characteristics from different aspects it cuts into the water environment problems and studies in different ways, which is multifaceted and targeted. Using case studies that include environmentally integrated basin experiments (eibex) of Brazil, groundwater overflow zone of India, semi-arid river basin of South Africa and so on, this volume provides critical information for researchers and policymakers.

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