

|                         |  |
|-------------------------|--|
| 1. Record Nr.           | UNINA9910370058103321  |
| Autore                  | Brears Robert C  |
| Titolo                  | Developing the Circular Water Economy // by Robert C. Brears   |
| Pubbl/distr/stampa      | Cham : , : Springer International Publishing : , : Imprint : Palgrave Pivot, , 2020  |
| ISBN                    | 9783030325756<br>303032575X  |
| Edizione                | [1st ed. 2020.]  |
| Descrizione fisica      | 1 online resource (x, 221 pages) : illustrations   |
| Collana                 | Palgrave Studies in Climate Resilient Societies, , 2523-8132   |
| Disciplina              | 333.91<br>628.162  |
| Soggetti                | Ecology<br>Power resources<br>Environmental management<br>Water<br>Hydrology<br>Physical geography<br>Economic geography<br>Environmental Sciences<br>Natural Resource and Energy Economics<br>Environmental Management<br>Physical Geography<br>Economic Geography  |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Nota di contenuto       | Chapter 1: Introduction -- Chapter 2: Climatic Challenges to Water in the Linear Economy -- Chapter 3: Non-Climatic Challenges to Water in the Linear Economy -- Chapter 4: The Circular Water Economy -- Chapter 5: Developing the Circular Water Economy: Reduce -- Chapter 6: Developing the Circular Water Economy: Reuse and Recycle -- Chapter 7: Developing the Circular Water Economy: Recover -- Chapter 8: Anglian Water Developing the Circular Water Economy -- Chapter 9: Austin Water Developing the Circular Water Economy -- Chapter 10: New York City Department of Environmental Protection Developing the |

Circular Water Economy -- Chapter 11: South Australia Water Corporation Developing the Circular Water Economy -- Chapter 12: San Francisco Public Utilities Commission Developing the Circular Water Economy -- Chapter 13: Singapore's Public Utilities Board Developing the Circular Water Economy -- Chapter 14: Waternet Developing the Circular Water Economy -- Chapter 15: Best Practices -- Chapter 16: Conclusions.

---

## Sommario/riassunto

This book presents new research on policy innovations that promote the development of the circular water economy. In contrast to the linear economy, the circular water economy promotes the reduction of water consumption, reuse of water, and recovery of resources from wastewater to not only increase resilience to climate change but also to reduce greenhouse gas emissions resulting from the provision of water and wastewater-related services. Providing a series of in-depth case studies of important locations in differing climates around the globe that have implemented a variety of policy innovations to develop the circular water economy, this book is a valuable resource for water and resource conservation managers, policymakers, international companies and organisations interested in the circular economy, environmental NGOs, researchers, as well as graduate and undergraduate students. · Systematically reviews policy innovations to develop the circular water economy · Illustrates how leading locations from around the world have developed the circular water economy to increase resilience to climate change while reducing emissions · Provides 'best practices' for other locations around the world aiming to implement the circular water economy Robert C. Brears is the author of Urban Water Security, The Green Economy and the Water-Energy-Food Nexus, Blue and Green Cities, Natural Resource Management and the Circular Economy, and Climate Resilient Water Resources Management. Robert is the founder of Our Future Water, Mark and Focus, and Mitidaption.

---