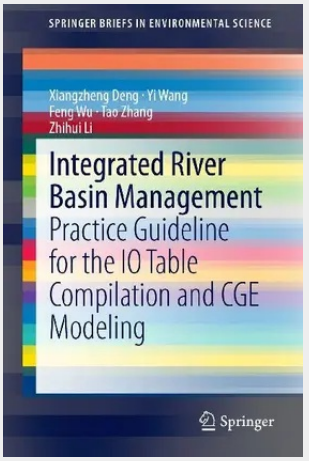
Deng / Wang / Wu

# Integrated River Basin Management

Practice Guideline for the IO Table Compilation and CGE Modeling




Establishing multi-scale optimal water allocation modes which takes the enhancement of utilization efficiency as core is a research hotspot for the international water resources management of river basins. This book aims to introduce how to compile the first set of county-level IO tables involving resources and environment accounts with integrated datasets which contains the spatio-temporal data of water and land resources, ecology and social economy in the river basin and to construct an integrated Computable General Equilibrium (CGE) model with resources and environment accounts embedded, which can be used to quantitatively depict the key process parameters of the water-ecology-social economy coupling system. Thus, this book can provide decision support for integrated river basin management, and scientific support for the sustainable development of social economy, eco-environment and water resources.

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