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Titolo	Modelling the impact of climate change on water resources [[electronic resource] /] / edited by Fai Fung, Ana Lopez, Mark New
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Descrizione fisica	1 online resource (216 p.)
Altri autori (Persone)	FungFai LopezAna NewMark
Disciplina	553.7
Soggetti	Water-supply - Forecasting Climatic changes - Forecasting Climatic changes - Environmental aspects - Simulation methods Watershed management Droughts - Risk assessment Long-range weather forecasting
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Modelling the Impact of Climate Change on Water Resources; Contents; Contributors; Preface; 1 Introduction; 2 Weather and Climate; 3 Regional Climate Downscaling; 4 Water for People: Climate Change and Water Availability; 5 Emerging Approaches to Climate Risk Management; 6 The Case Studies; 6.1 Introduction; 6.2 Case 1: Climate Change Impacts on Water Resources in the Quarai River Basin; 6.3 Case 2: Impact of Climate Change on Hydropower: Ariege, France; 6.4 Case 3: A Case Study of Water Resource Management in the South West of England; Index; Colour Plates
Sommario/riassunto	The quantitative assessment of the impact of climate change on water availability and water resources management requires knowledge of

climate, hydro(geo)logical and water resources models, and particularly the relationships between each of them. This book brings together world experts on each of these aspects, distilling each complex topic into concise and easy to understand chapters, in which both the uses and limitations of modelling are explored. The book concludes with a set of case studies using real-life examples to illustrate the steps required and the problems that can be faced in ass
