Record Nr. UNINA9910815268503321 Adaptation and resilience: the economics of climate, water, and energy Titolo challenges in the American Southwest / / edited by Bonnie G. Colby and George B. Frisvold [New York], : Routledge, 2012 Pubbl/distr/stampa **ISBN** 1-280-87299-3 9786613714305 1-136-52193-3 1-136-52192-5 1-936331-89-6 Edizione [1st ed.] Descrizione fisica 1 online resource (289 p.) Altri autori (Persone) ColbyBonnie G FrisvoldGeorge B Disciplina 333.9100979 Soggetti Water resources development - Environmental aspects - Southwestern States Water-supply - Southwestern States - Management Climatic changes - Southwestern States Water-supply - Economic aspects - Southwestern States Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Originally published: Washington, D.C.: RFF Press, 2011. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Adaptation and ResilienceThe Economics of Climate, Water, and Energy Challenges in the American Southwest; Copyright; Contents; List of Figures: Contributors: Acknowledgments: Foreword: Acronyms and Abbreviations; CHAPTER 1The Climate-Water-Energy Nexus in the Arid Southwest; Part IVoluntary Water Transfers as Adaptation Mechanisms; CHAPTER 2Temporary Water Transactions and Climate Change

Adaptation; CHAPTER 3Applying Bargaining Theory to Western Water Transfers; CHAPTER 4Economic Tools for Climate Adaptation: Informing

CHAPTER 5Water Shortages in the Southern Mountain States: Economic Impacts on AgricultureCHAPTER 6Climate, Water Availability, Energy Costs, and National Park Visitation; CHAPTER 7Climate, Changing Snowpack, and the Future of Winter Recreation; Part IIIInformation,

Water Price Negotiations; Part IISector Impacts of Climate Change

Technology, and Adaptation; CHAPTER 8Irrigator Demand for Information, Management Practices, and Water Conservation Program Participation: The Role of Farm Size.; CHAPTER 9Irrigation Technology Choice: The Role of Climate, Farm Size, Energy Costs, and Soils CHAPTER 10Using Climate Information to Improve Electric Utility Load Forecasting. CHAPTER 11Use of Climate and Weather Information in Agricultural Decisionmaking; Part IVConclusion; CHAPTER 12Modes of Adaptation and Regional Resilience to Climate Change; Index

Sommario/riassunto

In America?s arid southwest, climate change will occur in the context of already-keen competition for water for agriculture, urban growth, electricity generation, water-based recreation, and environmental protections. This book explores the challenges that climate change and variability pose for water and energy managers and users, communities, and policy makers in the arid Southwest and demonstrates the application of economic methods to address these challenges. It provides valuable tools for both those interested in resource management and climate change, and those seeking to understand how