

1. Record Nr.	UNINA9910963729703321
Titolo	Climate change and water : international perspectives on mitigation and adaptation / / [edited by Joel Smith, Carol Howe]
Pubbl/distr/stampa	Denver, Colo., : American Water Works Association, c2009
ISBN	1-61300-151-7
Edizione	[1st ed.]
Descrizione fisica	1 online resource (296 p.)
Altri autori (Persone)	SmithJoel B HoweCarol
Disciplina	363.6/1
Soggetti	Water-supply - Environmental aspects Water resources development - Environmental aspects Water utilities - Management Climatic changes - Government policy - International cooperation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Intro -- Contents -- No Doubt About Climate Change and Its Implications for Water Suppliers -- How Should Water Utilities Prepare for Climate Change? -- Mountain Water and Climate Change -- Prevailing Water Demand Forecasting Practices and Implications for Evaluating the Effects of Climate Change -- Impacts of Climate Change and Variability on Source Water Quality of Lake Cachuma, California -- The Climate Footprint and the Practical Application at Water Companies in the Netherlands -- Climate Footprint and Mitigation Measures in the Dutch Water Sector -- The Water Footprint of Bio- Energy -- The Water- Energy- Climate Nexus- Systems Thinking and Virtuous Circles -- Energy Use in Urban Water -- WATERGY: Energy and Water Efficiency in Municipal Water Supply and Wastewater Treatment -- Station Efficiency Reduces Greenhouse Gas Emissions -- Climate Change- Mitigation Policy Issues -- Climate Change Mitigation Strategies in the Water Sector in Developing Countries -- Incorporating Climate Change in Water Planning -- Climate Change and Water Utilities -- Half Full or Half Empty? Either Way It's Time to Plan -- Climate Change Is Real: How Can Utilities Cope With Potential Risks? -- Planning Strategy in a Changing Climate -- Climate Change: Charting a Water Course in an

Uncertain Future -- Implementation of Climate Adaptation and Mitigation Strategies for Drinking Water Production in the Netherlands -- Meeting the Challenges of Climate Change: Singapore -- Climate Change and Adaptation in Southern California -- Melbourne Water Climate Change Study -- Climate Change Impacts on Urban Drainage Systems in Scandinavia.

#### Sommario/riassunto

Understand the effects of climate change on urban water and wastewater utilities with this collection of international scientific papers. This book offers the latest scientific findings on climate change and its increasingly important impacts on fresh water resources and water quality. Additionally, case studies provide actual examples of how climate change and global warming are beginning to impact water resources and water utilities.