

1. Record Nr.	UNINA9910299457303321
Titolo	Managing Water Resources under Climate Uncertainty : Examples from Asia, Europe, Latin America, and Australia / / edited by Sangam Shrestha, Anil K. Anal, P. Abdul Salam, Michael van der Valk
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-10467-5
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (468 p.)
Collana	Springer Water, , 2364-6934
Disciplina	333.9114
Soggetti	Climatic changes Hydrology Environmental management Climate Change Hydrology/Water Resources Climate Change/Climate Change Impacts Water Policy/Water Governance/Water Management
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 at the end of each chapters.
Nota di contenuto	Climate Change Adaptation in the Netherlands - Policies and Perceptions -- Climate Change and its Impact on Water Sector -- Current Status of the Socio-Economic Development and Transboundary Water Issues in the Sesan and Srepok (2S) Basin of the Lower Mekong: A Literature Review -- Climate Adaptation through Sustainable Urban Development: Case study on Urban Water Systems in Can Tho city, Vietnam -- Climate Risks and Adaptation Strategies in Flood Management in the Phil: Case Study on River Basin Flood Risk and Management Measures.
Sommario/riassunto	The availability of clean water is a major global challenge for the future due to a rapidly growing population and urbanization where further stress in water resources is expected due to the impact of climate change. The wide range of impacts includes for example changes in hydrology, moisture availability, spatial and temporal variations in magnitude of stream flow, and dwindling of water levels with adverse

effect on wetlands and ecosystems. As a consequence, water management has become a serious issue and was identified as a global societal challenge. Climate change forecasting is one of the key issues in recent research on sustainable water resources management. This book aims to come up with views to address the queries of planners, policymakers, and general people for water resources management under uncertainty of climate change, including examples from Asia and Europe with successful adaptive measures to change the challenge of climate change into opportunities.
