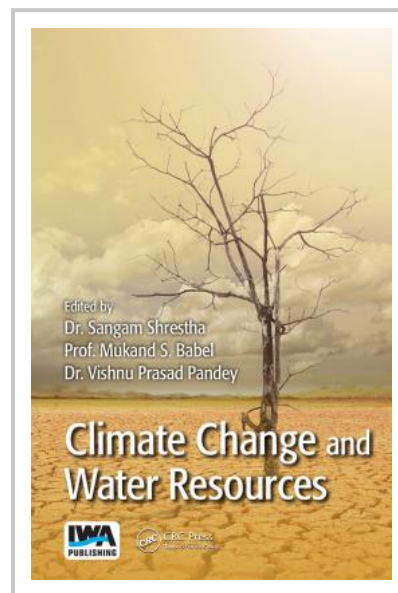


# Climate Change and Water Resources

*Climate Change and Water Resources* is written by expert authors from around the world and examines the full scope of climate change science, the impacts on the water sector, and all available mitigation and adaptation strategies. Each chapter provides an analysis of the issues raised and is supported by appropriate examples and case studies.

- Provides modelling tools for climate change projections and the impact on the water sector
- Covers fundamental issues in water resources management
- Examines current policies, laws, and international debate on climate change, with regard to water availability
- Balances theoretical background with numerous practical examples and case studies from around the world
- Includes leading experts from around the world



## Table of Contents

Climate change science and climate information tools. Climate system and hydrological cycle. Climate variability and climate change. Climate information tools and their application for climate change impact and vulnerability assessment. Climate change impacts. Impact of climate change on water resources sector. Environmental implications of climate change. Economics and social implications of climate change. Adaptation to climate change. Managing water under current climatic variability. Climate change adaptation and mitigation options and strategies. Trans-boundary river systems, International water laws, water conventions, water treaties and climate change. Global, regional and state efforts to address climate change relating to water resources. Case studies.

**This title is co-published with CRC Press.**

**Authors: Sangam Shrestha, Mukand S. Babel and Vishnu Prasad Pandey, all at the Asian Institute of Technology (AIT), Thailand,**

**Publication Date:** 14/05/2014  
**ISBN13:** 9781780405902  
**Pages:** 376

**Print:**  
**Standard price:** £110 / €138 / \$165  
**Member price:** £83 / €103 / \$124

**eBook:**  
**Standard price:** £110 / €138 / \$165  
**Member price:** £83 / €103 / \$124