

DROUGHT AND WATER CRISES

"This book represents a fundamental reference for those who, like me, work in regions predominantly prone to drought and water scarcity. Integrating science, management and policy is at the heart of all efforts we are making towards drought risk reduction."

—*Pasquale Steduto, Food and Agriculture Organization of the United Nations, Cairo, Egypt*

"... provides solid and fresh approaches on how to prepare for droughts. It is a one stop reference for recent developments in the drought management literature that advocates paradigm shift from reactive to proactive approaches. It is a must read for water managers, policy makers and scientists."

—*Dr. Daniel Tsegai, Bonn, Germany*

"Donald ('Dr. Drought') Wilhite and Roger Pulwarty, two of the world's most widely respected authorities on drought monitoring and management, make a strong case for the need to move away from reactive approaches in response to drought towards proactive policies and practices to reduce drought risk and minimize its impacts. They have assembled an extraordinary array of researchers and practitioners from various countries and disciplinary backgrounds to detail recent advances in the technical and policy aspects of drought prediction, early warning, decision support and management, and to present practical ways to improve drought management proactively in a range of contexts. This landmark book shows clearly and in detail how societies can reduce the social, economic, environmental and political impacts of drought by adopting new approaches centered on mitigation, preparedness and early warning."

—*Roberto Lenton, University of Nebraska-Lincoln, USA*

New and Updated in the Second Edition:

- Advances in the ability to monitor and detect drought, assess its severity and impacts, and communicate this information to decision makers at all levels.
- Advances in improving the reliability of drought forecasts at seasonal and other timescales.
- Use of economic, social, and environmental integrated information for risk mitigation in efforts to act ahead of potential water-related crises.
- Paradigm shift from the traditional crisis management reaction to proactive risk management.



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