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Autore	Loucks Daniel P
Titolo	Water Resource Systems Planning and Management [[electronic resource]] : An Introduction to Methods, Models, and Applications // by Daniel P. Loucks, Eelco van Beek
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Soggetti	Civil engineering Water-supply Hydrology Water pollution Environmental engineering Biotechnology Climate change Civil Engineering Water Industry/Water Technologies Hydrology/Water Resources Waste Water Technology / Water Pollution Control / Water Management / Aquatic Pollution Environmental Engineering/Biotechnology Climate Change
Lingua di pubblicazione	Inglese
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Nota di contenuto	Water Resources Planning and Management: An Overview -- Water Resource Systems Modeling: Its Role in Planning and Management -- Models for Identifying and Evaluating Alternatives -- An Introduction to Optimization Models and Methods -- Data-Fitting, Evolutionary and Qualitative Modeling -- An Introduction to Probability, Statistics and Uncertainty -- Modeling Uncertainty -- System Sensitivity and

Sommario/riassunto

This book is open access under a CC BY-NC 4.0 license. This revised, updated textbook presents a systems approach to the planning, management, and operation of water resources infrastructure in the environment. Previously published in 2005 by UNESCO and Deltires (Delft Hydraulics at the time), this new edition, written again with contributions from Jery R. Stedinger, Jozef P. M. Dijkman, and Monique T. Villars, is aimed equally at students and professionals. It introduces readers to the concept of viewing issues involving water resources as a system of multiple interacting components and scales. It offers guidelines for initiating and carrying out water resource system planning and management projects. It introduces alternative optimization, simulation, and statistical methods useful for project identification, design, siting, operation and evaluation and for studying post-planning issues. The authors cover both basin-wide and urban water issues and present ways of identifying and evaluating alternatives for addressing multiple-purpose and multi-objective water quantity and quality management challenges. Reinforced with cases studies, exercises, and media supplements throughout, the text is ideal for upper-level undergraduate and graduate courses in water resource planning and management as well as for practicing planners and engineers in the field.

2. Record Nr.	UNISALENT0991001184219707536
Autore	Ogdin, Carol Anne
Titolo	Il progetto dei microcomputer : software / C.A. Ogdin
Pubbl/distr/stampa	Padova : Muzzio, 1981
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Lingua di pubblicazione	Italiano
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