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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Sustainable water use and efficiency -- 2. The urban water scene -- 3. Water sources for irrigated turf and landscape sites -- 4. Irrigation methods -- 5. Plant water use and irrigation budgets -- 6. Managing soil water and irrigation scheduling -- 7. Best management practice (water management and irrigation) -- 8. Designing irrigation systems -- 9. Achieving best practice: site studies -- 10. Strategies and technologies to achieve high efficiency -- 11. Evaluating and benchmarking irrigation system performance -- 12. Water management planning.
Sommario/riassunto	Achieving high water use efficiency in maintaining turf, trees and landscape areas is a core responsibility of open space managers. Water Use Efficiency for Irrigated Turf and Landscape provides a logical and scientifically sound approach to irrigation in urban areas in Australia. It is based on green space delivering defined outcomes using the principles of water sensitive urban design and irrigation efficiency. The

book covers all stages of the water pathway – from the source to delivery into the plant root zone. Major topics include system planning, estimating water demand, water quality, irrigation systems, soil management and irrigation performance evaluation. Clearly presented explanations are included, as well as line drawings and worked examples, and a plant water use database covering more than 250 plant species. A Water Management Planning template is included to guide water managers and operators through a process that will deliver a sound plan to achieve sustainable turf, urban trees and landscapes. Best Management Practice Irrigation principles are outlined and their implementation in open space turf and landscape situations is explained. The benefits and limitations of the various methods of delivering water to plants are covered, together with case studies and guidelines for specific horticultural situations. Methodologies to evaluate irrigated sites are included along with recommended benchmark values. The book presents the latest irrigation technology, including developments in water application, control technology and environmental sensors such as weather stations, soil moisture sensors and rain sensors.