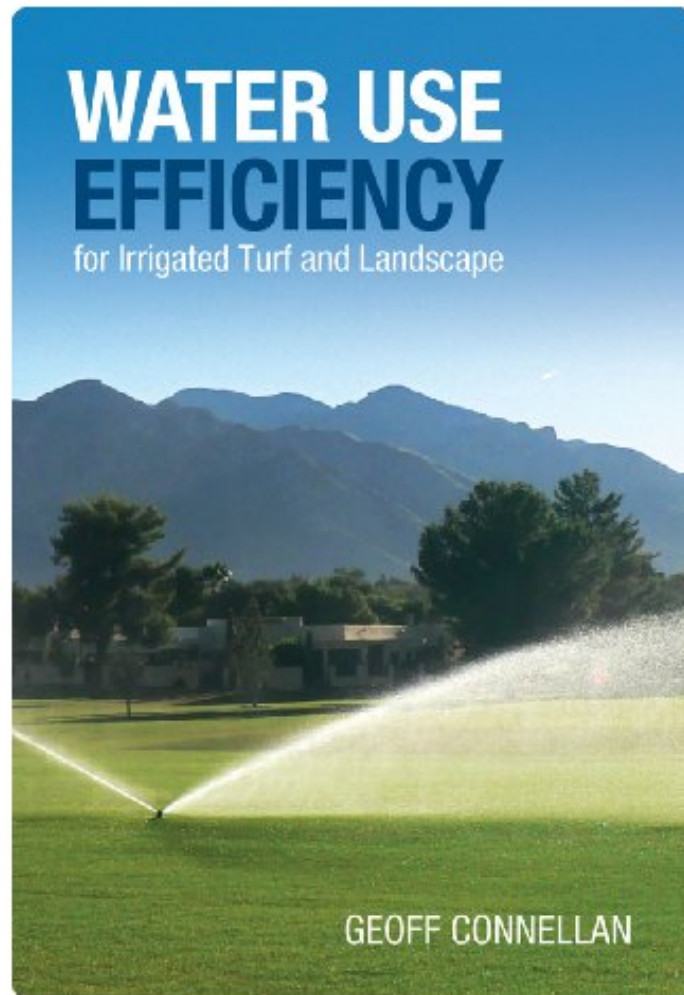


## Water Use Efficiency for Irrigated Turf and Landscape

*Geoff Connellan*

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**Geoff Connellan : Water Use Efficiency for Irrigated Turf and Landscape** before purchasing it in order to gage whether or not it would be worth my time, and all praised Water Use Efficiency for Irrigated Turf and Landscape:

0 of 0 people found the following review helpful. Good reference for landscape and turf water conservationBy M. HuckIt is a good reference for anyone working in the irrigation industry and concerned with landscape and turf water conservation.

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.

About the Author Geoff Connellan has 30 years' experience in urban horticultural water management, research and education. He has provided water management advice on numerous significant turf and landscape sites around Australia. His current position is Principal, G M Connellan Consulting.