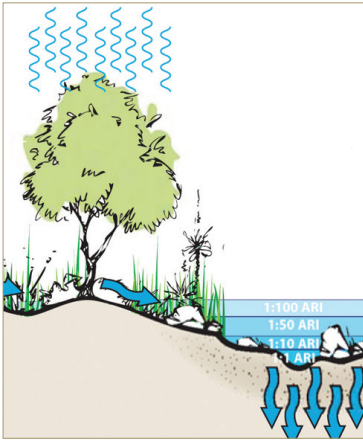




ecoscape

## water sensitive urban design



Water Sensitive Urban Design (WSUD) integrates urban planning with the management, protection and conservation of the urban water cycle. It ensures that urban water management is sensitive to natural hydrological and ecological cycles.

The integration of WSUD principles into the urban landscape is essential to create sustainable developments. WSUD is particularly important in Western Australia which is experiencing a decline in annual rainfall and the increasing demands of a growing population. Successful water sensitive design reduces the reliance on groundwater and scheme water for irrigation while maintaining natural ecological processes.

### Our Services

- analysis and mapping of existing site conditions and processes
- design of landscape treatments based on WSUD principles
- selection of appropriate plant stock to complement WSUD landscapes
- liaison with consultants to achieve an inter-disciplinary approach to WSUD development

### Our Approach

Ecoscape identifies water as a key philosophy as it integrates all landscapes and is essential to the welfare of humans and the environment. We aim to apply the principles of WSUD to the design and management of all urban development projects. We work collaboratively with engineers to detain or retain water on site to capitalise it as resource for irrigation. We create innovative solutions to reduce velocity and volumes entering natural waterway systems. Our inter-disciplinary approach ensures the appropriate selection of flora to improve water infiltration and quality via transpiration and ionic bonds.

### Our Experience

- Beachridge Estate, Ardross Estates
- West Road Retail Precinct, Erceg Management
- Brookdale Wungong Water Project, Stockland
- East Landsdale Subdivision, Stockland
- Brookleigh Estate Caversham, QUBE Developments
- Hammond Park, QUBE Developments
- Clarkson TAFE New Workshops, DET / DHW

