

# Floating Wetlands

Fytagreens floating wetlands ( sometimes called floating gardens) are designed to vegetate ponds, waterways, dams, quarries and water bodies requiring either an aesthetic treatment, habitat production or water processing/rehabilitation to reduce pollutants and nutrient loads.

Floating wetlands utilize the concept of phytoremediation to act upon water. Through plant species selection the objective is to seek a mixture of rhizosphere biodegradation, photodegradation, phytovolatilization and phytoextraction process as a consequence of floating wetland plant growth.

These technologies have been widely adopted for many years for treating various kinds of polluted water including agricultural runoff, storm water, industry effluents, algae blooms etc. The benefits for nurseries, golf courses, parkland, botanic gardens and allied industries is immense.

## Key Benefits of Fytagreen's Floating Wetlands

Aids absorption of dissolved heavy metals.

Provides safe habitat and nesting sites for aquatic fauna and birds.

Aesthetically pleasing effect of floating gardens

Reduced evaporation through the shading effect on the water.

Clarification of water through the flocculating effect of bacteria.

Aids removal of dissolved organic matter and nutrients.



Provides Safe Habitat



Moonee Valley, Vic



Victorian Desalination Plant, Wonthaggi, Vic

