



Restoring Tree and Ecosystem Health

Throughout our urban parks, reserves and rural areas, native trees and vegetation are in decline and are being removed prematurely. Dead and dying trees and plants are becoming a common sight as one drives through the suburbs. With correct diagnosis and management many trees and areas of bushland can be restored, reducing expensive tree removal and replanting costs. Many of the ancient icons that are being removed can be saved and their health improved if managed properly.

Who are we?

Arbor Carbon is the only consulting company in Perth qualified to accurately and comprehensively diagnose, and manage tree and bushland/woodland health disorders. All of our principal consultants have a minimum of PhD level qualifications in Tree Pathology and Ecosystem Science. We have published numerous scientific articles on tree diseases and are invited to give presentations all over the world on many aspects of tree health in urban and rural settings. We use cutting edge techniques and equipment and have a vast knowledge of tree health disorders based upon years of scientific research. Many tree consulting companies do not carry out scientific tests at all and others are only qualified to test for *Phytophthora cinnamomi*, the most common form of Dieback. Arbor Carbon experts consider all possible factors contributing to a decline in tree health. We use both traditional and molecular tools when undertaking diagnostics.

Why use Arbor Carbon?

Principally, Arbor Carbon will ensure the maximum retainment of your trees and will save you money. We are the most qualified consultants to save precious trees and restore bushland and ecosystem health. We are losing many very old specimens due to poor diagnosis and premature felling. These specimens cannot be replaced in our lifetime. In most cases the correct diagnosis and appropriate management of trees will cost far less than the annual expenses from pruning.

Services

- Accurate diagnosis of tree health disorders of trees in urban, bushland and plantations using traditional and molecular techniques
- Consultation and implementation of management strategies
- Ecosystem restoration and rehabilitation
- Workshops for training staff to identify and manage tree health disorders
- Provision of and analysis of high resolution remote sensing products
- Survey, monitoring and mapping of trees using highly accurate and specialised techniques
- Arboricultural consultancy

Where are we needed?

One square acre of bushland can harbour a multitude of pathogens, such as various species of *Phytophthora* (Dieback). Other health issues include, insect attack, herbicide related poisoning, salinity, excessive irrigation or drought, nutrient deficiencies, and fertilizer toxicity. Getting the correct scientific advice saves time, money and further unnecessary decline. Arbor Carbon consults on all matters relating to tree health in National Parks, private land, rural areas, urban parks and reserves, city street trees, schools or individual trees of significance throughout Australia and south-east Asia.

About Dieback

Dieback (*Phytophthora*) is the single biggest threat to our environment and biodiversity. It is bigger than salinity, drought, rabbits, foxes and cane toads all put together. 30% of our remaining National Parks have been decimated already. Dieback affects over 40% of all native plant species in the south-west of Western Australia and many introduced exotic plant species. This group of pathogens amongst others is contributing to the decline of many of our urban tree species. Dieback can be treated. Once diagnosed most trees and bush land can be saved, through various simple treatments and procedures.

For more information Contact:-

Dr Paul Barber (BSc PhD)

Co-Director

Email: p.barber@arborcarbon.com.au