

都市公園綠地喬木維護管理之研究

中文摘要

都市中的公園綠地具有生態價值以及提升都市生活品質的功能。為使都市公園得以永續經營並且同時維護其生態價值，維護管理的工作將成為重要的關鍵因素。

都市環境與喬木之原始自然生育地有著極大的差異，因為缺乏大量的植栽與水體緩和氣候，使得都市中的氣候變化較為極端，且因大量不透水性鋪面的使用，造成了土壤透氣性不佳以及地下水的枯竭，加上都市活動產生的大量有毒廢棄物與污染物都對喬木的生長形成阻力。此外，臺灣所位處的氣候帶每年都會發生不可避免的颱風災害，這些環境條件增加都市公園喬木維護管理的成本與困難度。

因此，本研究藉由現地調查與文獻回顧探討喬木生長之環境影響因素與目前都市公園綠地所面臨之維護管理課題，彙整提出對策，期望能有效改善現今都市中喬木之生育地條件與健康情況，以利都市環境品質之提升。

關鍵字：維護管理、公園綠地

The Study of Tree Maintenance Issues on Urban Parks and Green Lands

Abstract

The parks and green lands in the urban area have ecological value and may improve the living quality. Maintenance is one of the most important tasks to protect the ecological value and sustainably manage the parks and green lands in the city.

The environment in the urban area is different from that in nature. Due to less vegetation and water bodies, extreme climate conditions are happened in the urban area. Mass hard pavement causes poor soil transparency and loss of groundwater. Poison litter and pollution worsen the tree growth. Besides that, typhoon will create some unavoidable disaster loss, this also increase the cost and difficulties of maintenance.

We studied the environment factors of the tree growth and maintenance issues of the urban parks and green lands by field investigation and document review. In this study, we proposed some strategies to improve the physical environment in parks and health of the trees in order to enhance the environmental qualities of the urban area.

Keyword : Maintenance, Parks and Green Lands