

# 學習空間中不同植栽對情緒影響之研究

楊蕙如, 曾慈慧, 蔡靜嫻

景觀建築學系

建築與規劃學院

sylvia@chu.edu.tw

## 摘要

Many studies have pointed out that plant has positive effect on human' s body and mind. Shibata & Suzuki(2004) have developed a scale to survey whether the students' creative performance and emotiona were affected by indoor plant, and try to compare if foliage plants and flowering plants has different affection on participant' s emotion and sensory. The 90 participants(33 males, 57 females) were the students of landscape architecture department from Chung-Hua University(CHU). Three same size room were arranged as: (1) no plant; (2) evergreen foliage plants; (3) flowering plants. In this study, 30 participator were randomly selected to attend this experiment and were aked to fill out the questionnaire. The results showed that: in the flowering plant room participants have higher self-confident and feeling simple, spacious and bright for a positive impact of space. Put flowering plants is positive to help; when the participants emotional response to happy, the evergreen foliage plants is better than flowering plants. Therefore, the flowering plants of the positive response are higher than the evergreen foliage plants. The results from this study, we suggested three types of space for special purpose in the university school, which can be the reference as indoor space creation to enhance student learning mood and effectiveness.

關鍵字 : Plants, School indoor space, Emotion