

安全氣候與安全績效之相關研究——以我國大學院校實驗室等場所為例
A Correlational Study between Safety Climate and Safety Performance in Labs
within Universities and Colleges in Taiwan

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中文摘要

本研究旨在探討組織安全氣候與安全績效之相關性。我國 100 所大學院校進出實驗室等場所的 780 名教職員工於 91 年完成自陳式問卷調查，回覆率為 78.00%。皮爾森相關及典型相關分析結果，發現安全氣候與安全績效呈顯著正相關。此外，逐步回歸分析結果，發現決策高層的安全承諾與行動乃安全績效的最佳預測因子；本研究結果不支持吳聰智（民 90）、王啟溫（民 91）、吳聰智及蘇光偉（民 91）的研究結果。顯然，不同行業的安全績效，其最佳預測因子有所不同。

關鍵字：安全氣候；安全文化；安全績效

Abstract

The main purpose of this study is to explore the correlation between safety climate and safety performance in organizations. A self-administered questionnaire survey was conducted among employees who frequent the labs within 100 universities and colleges in Taiwan in 2002. The number of respondent was 780, and response rate was 78.00%. Pearson correlation and Canonical correlation analysis showed that there is a significant positive correlation between safety climate and safety performance. And stepwise regression analysis demonstrated that the top management's safety commitment and actions is the most significant predictor of safety performance. This result doesn't support the findings of Wu (2001), Wang (2002) and Wu & Su (2002). Evidently, the best predictor of safety performance depends on the organizational property.

Key words : Safety climate; Safety culture; Safety performance