

摘要

近年來，國內有不少公私立大專校院相繼進行圖書館的新建或改建工程，反應出學校對於圖書資訊資源的重視性。大學圖書館於規劃時應注意空間的配置，如各區域的設計；注意空間中物理因素的規劃，如燈光、聲音、溫濕度、地點的選擇與其他考量因素，且大學圖書館的空間規劃應視每一所大學的教育目標、藏書量或座位數，再作彈性的調整。為了讓大學圖書館發揮更完善的功能，更符合使用者需求，必須以用後評估（Post Occupancy Evaluation）的觀點探討大學圖書館建築設計與規劃之實行成效，並檢視大學圖書館建築與使用者需求間的落差，如能結合圖書館使用者行為之調查結果，將可以幫助圖書館及建築師，日後在規劃設計做出最佳之判斷。

本研究旨在瞭解成功大學圖書館近年來努力的成果，可藉由用後評估來探討成功大學圖書館的建築空間與設施使用成效的各種因素，並發現問題、提出建議，以供現在及未來圖書館的管理者在建築規劃與設計工作的參考，作為未來設計者與研究者在規劃大學圖書館建築與設計之參考。

本研究首先透過文獻分析法，探討目前國內外圖書館建築及用後評估相關理論，並輔以個案探討。透過問卷調查法，探討目前成功大學圖書館的空間使用情況與滿意度。接著進行深度訪談法，以進一步瞭解成功大學圖書館，並探討相關人員對用後評估結果的看法及建議。最後結合文獻分析與上述研究發現進行分析與歸納，提出成功大學圖書館實施用後評估之具體建議。

研究發現：一、成功大學圖書館規劃乃依人文、科學及藝術不同空間需求設計；二、成功大學圖書館特色為模矩式設計、動線規劃清楚、多元化閱覽空間及設置電動密集書架；三、成功大學圖書館歷經長久研究、多方參與及審慎整合而成；四、藝文空間滿意度最高；五、服務空間滿意度最低；六、公共空間完整體現成功大學圖書館建築規劃設計理念；七、討論空間有效整合教學與研究需求；八、物理環境及設備尚待加強；九、具傳統與現代之美的圖書館建築；十、成功大學精神與象徵意義之建築。

最後，提出下列建議：一、建築規劃書是圖書館加強監督設計、管理和發展的資料；二、圖書館建築規劃設計應循專業與合理原則並告知限制條件；三、成立建築規劃小組與諮詢顧問；四、圖書館建築需配合校園整體發展；五、審慎評估物理環境；六、建立指標系統識別空間；七、空間規劃及管理應具有彈性；八、定期進行用後評估工作。

關鍵字：用後評估、圖書館建築規劃、圖書館建築設計

Abstract

In the past years, there have been a number of new college library buildings or reconstructing current libraries. This reflect the emphasis of these schools on the library and information resources. When mapping out college libraries, space allocation such as design of each area has to be focused on. One also has to pay attention to planning of physical elements in space such as lighting, sounds, temperature, moisture, selection of locations and others. Moreover, space planning has to be adjusted in accordance with education goals, size of collection and seats of each college. To fully develop the functions of college libraries to meet users' needs, we need to adopt post occupancy evaluation to discuss the architecture design and practice performances of college libraries as well as reviewing the gap between college library construction and users' needs. The combination of survey on library users' behaviors will assist libraries and architects in making the best judgment in planning.

The study aims to understand the results of the efforts of National Cheng Kung University Library in the past years. Post Occupancy Evaluation is adopted to discuss the elements such as architecture space and facilities performances of National Cheng Kung University Library, give questions and offer suggestions to serve as reference for library manager in construction planning and researchers when planning and designing college libraries.

Literature is reviewed used with case study to discuss theories on architecture and post occupancy of domestic and foreign libraries. With questionnaire survey, space occupancy satisfaction is explored. In-depth interview serves to further understand National Cheng Kung University Library and explore comments and suggestions of related personnel after occupancy. At last, analysis and generalization is made to offer concrete suggestions to National Cheng Kung University Library on post occupancy evaluation.

Based on the research findings, the conclusions include planning of National Cheng Kung University Library is based on the different needs of humanist, scientist and artists; 2) characteristics of National Cheng Kung University Library are matrix design, clear route arrangements, diverse reading space and establishment of compact bookshelves; 3) National Cheng Kung University Library is considered under long study, full participation and careful integration; 4) the art space enjoys the highest satisfaction; 5) the service space

experiences the lowest satisfaction; 6) the public space completely expresses the design concept of National Cheng Kung University Library; 7) the discussion space effectively integrates the needs of education and research; 8) physical environment and facilities require improvement; 9) National Cheng Kung University Library has the building of beauty of modernity and tradition; and 10) the building expresses the spiritual and symbolic meanings of National Cheng Kung University.

Based on the above results, we offer the suggestions: 1) Construction Planning is the material for the Library to enhance supervision on design, management and development; 2) Planning and design of the Library shall be made in the principle of professionalism and rationality with information of limitation conditions; 3) Construction Planning and Consultation Team shall be established; 4) Construction of the Library shall be in line with overall campus development; 5) Physical environment has to be cautiously evaluated; 6) Indicator system identification space has to be established; 7) Space planning and management shall be flexible and 8) Post occupancy evaluation has to be conducted periodically.

Keyword : Post Occupancy Evaluation , Library building planning ,
Library building designing