

# 圖像資訊數位化協助聚落保存可能性初探： 以中興新村藍晒圖為例

謝澤業<sup>\*</sup>

本研究要透過藍晒圖進行數位化後，將產生的圖像資訊用在協助聚落保存範圍劃定、建物指認，並利用 GPS 等數位技術，建構確切的保存範圍，確立其保存的價值。

在現今數位化以及相關對應技術的日趨發達，文化資產除了數位化所得資訊越趨豐富與多元外，數位化應用於其他研究上也持續推廣。有形文化資產的保存方面，也逐漸開始運用數位化資訊以及技術以協助研究，例如：建物現況測繪，古地圖與現在地圖疊合分析等，確定文化資產時空背景下的資訊以及其保存的價值，更透過數位應用以及數位增值進行文化資產保存以及再利用。現今聚落保存調查與評估大多是地圖分析以及田野調查，或是古蹟歷史資料文獻的對照，推導出空間與歷時性內發展演變，找出其保存價值。

本研究及透過藍晒圖數位化及 GPS 等數位技術，強化圖像資訊對於聚落保存的調查與研究上的幫助以確立其數位化圖像資訊運用的可行性與限制，以及往後此研究方式再發展的可能性。

**關鍵字：**數位化、文化資產、聚落保存、中興新村、圖像資訊、藍晒圖

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# **Digital Image Information to Help Preserve the Possibility of Settlement: A Case Study Figure of Blueprint Chung Hsing New Village**

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This research should be carried out through the blue-blueprint of Chung-Hsing New Village digitized; the images will produce information to assist with the delineation of the scope of historic preservation, building identified, and the use of GPS and other digital technologies, the preservation of the exact scope of construction to establish its preservation value.

In today's digital technology, and related correspondence become developed, the cultural assets in addition to an increasingly digital information from the richness and diversity, the digital is also used in other studies continue to promote. Tangible cultural asset preservation, but also gradually open the use of digital information and technology to assist in research, such as: building the status of mapping, ancient maps and current maps superimposed analysis, against cultural assets, space-time context information and its preservation value, but also through the digital applications and digital preservation of cultural assets and the value-added for reuse.

This research of blueprint digital, GPS and other digital technologies, and strengthen the image of a preservation of information for investigation and research to help to establish its use of digital image information the feasibility and limitations, and future research methods and further development of this possibilities.

**Keywords: Digitization, Cultural Heritage, Historic Preservation, Chung Hsing New Village, the Image Information of Blueprint**

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