

REVEALING THE PAST WITH HUMANITEIS AND DIGITAL TECHNOLOGIES KAPAYUWANAN, INDIGENOUS SETTLEMENTS, TAIWAN

Huei-Min Lu¹, Liang-Chu Yao², Jun-Tin Lin², Susan Siru Liu³

¹National Pingtung University of Science and Technology, Taiwan - hueimin6288@gmail.com

²RST Ltd., Taiwan – (ed54321, nokilin)@gmail.com

³Virginia Technology, USA. - siruliu.1996@gmail.com

KEY WORDS: archaeology, cultural heritage, UAV, photogrammetry, LiDAR, Indigenous Settlements, Digital Heritage, Mapping

1. ABSTRACT

Shaping the future is from revealing the Past. That is crucial to document, understand, and preserve the precious cultural heritage. Documenting with immediacy and high resolution become possible for rapid grow of digital technologies. It's astonishing, in the case of Taiwanese indigenous archaeological sites, UAV photogrammetry and Lidar successfully reveal the relics of stone slab houses in steep slope under dense forestry. The reveal of settlements with reclaimed landscape verifies oral transmission. Digital technologies support the contention of archaeology, anthropology, heritage preservation, and cultural landscape, indispensable for revealing the past and shaping the future.