

# 空間資訊擷取技術及應用

# Geoinformatic data acquisition and application

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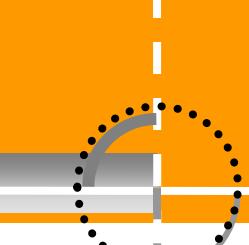
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- ❖ 台北科技大學 副教授 2011/08~2019/07
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# Publications 2017-2019

- ❖ Deffontaines B, Chang K.J.\*, Lee C.T., Chen R.F., Hu J-C, Magalhaes S., Serries, G., (2019). Neotectonics of the Southern Hengchun Peninsula (Taiwan):Inputs from high resolution UAS Digital Terrain Model, updated geological mapping and PSInSAR techniques. *Tectonophysics*, 767, 128-143. (SCI)
- ❖ 王星為、江晉霆、彭德熙、鄭鈺雯、余翠紋、陳立邦、謝有忠、費立沅、張國楨\* (2019) Riegl VUX-1無人機光達點雲資料處理及精度評估. *中國土木水利工程學刊*, 31 (1), 29-39. (EI)
- ❖ Chang H.H.\*, Chang K.J., Li C.P., (2018). Construction of Period qp PGISs With Degrees Equal to or Larger Than Four. *IEEE Access*, 6, 64790-64800. (SCI)
- ❖ Li C.P.\*, Chang K.J., Chang H.H., Chen Y.M, (2018). Perfect Sequences of Odd Prime Length. *IEEE Signal Processing Letters*, 17(4), 966-969. (SCI)
- ❖ Chang K.J.\*, Chan Y.C., Chen R.F. Hsieh Y.C., (2018). Geomorphological evolution of landslides near an active normal fault in Northern Taiwan, as revealed by LiDAR and unmanned aircraft system data. *Nat. Hazards Earth Syst. Sci. (NHESS)*, 18,709–727. (SCI)
- ❖ Deffontaines B, Chang K.J.\*, Champenois J., Lin K.C., Lee C.T., Chen R.F., Hu J-C, Magalhaes S., (2018). Active tectonics of the onshore Hengchun Fault using UAS DTM combined with ALOS PS-InSAR time series (Southern Taiwan). *Nat. Hazards Earth Syst. Sci. (NHESS)*, 18, 829–845. (SCI)
- ❖ Jeng F.S., Huang K.P., Chang K.J.\*, (2018), Analytical Solution of Folding Behaviors of Multi-layer Viscous Strata, *Terrestrial Atmospheric and Oceanic Sciences*, 29,3, 1-16. (SCI)
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- ❖ Deffontaines B, Chang K.J.\*, Champenois J., Fruneau B., Pathier E., Hu J-C, Lu S-T., Liu Y.C., (2017). Active interseismic shallow deformation of the Pingting terraces (Longitudinal Valley- Eastern Taiwan) from UAV high-resolution topographic data combined with InSAR time series Remote sensing, *Geomatics, Natural Hazards and Risk*, 8(1), 120-136. (SCI).
- ❖ Yen C.H., Lin M.L., Chan Y.C.\*, Chang K.J., Hsieh Y.C. (2017). Dip-slope mapping of sedimentary terrain using polygon auto-tracing and airborne LiDAR topographic data. *Engineering Geology*, 222, 236-249. (SCI)