

綠覆率與地表溫度關係之研究-以龍潭地區為例

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摘要

The study utilizes the remote sensing technologies to investigate the percentage of greenery coverage and surface temperature. The Landsat 7, SPOT satellite, and the digital images of 1/5000 air-photo were used and the land cover were classified using ERDAS IMAGINE. The percentage of greenery coverage was calculated using land parcels and digital images of air-photo. The study area was located in Longtan, Taoyuan County. The surface temperature and Normalized Difference Vegetation Index (NDVI) of the study area were also calculated.

關鍵字：Percentage of Greenery Coverage, Vegetation Index, Surface Temperature