

# 多種尺度遙測影像之應用

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## 摘要

The purpose of the study was to use the bilinear interpolation and the cubic convolution scale transferring techniques, converting high resolution Quick Bird image to 1, 2, 4, 10, 30, 100, and 250 m resolutions, respectively, and to examine the accuracy of the classified images, in order to find the most appropriate image scale for agricultural use in Taiwan. The results of the study indicated that it is not the higher the better for image scale. The scale should be in accordance with the ground characteristics. High resolution images usually denote high cost, smaller coverage, and longer processing time.

關鍵字：remote sensing、scale transfer、Error matrix