

遙測影像最大概似分類方法之研究

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摘要

The Chutung Working Station of Irrigation Association was selected as the study area.

This study is aimed at imagery classification by the maximum-likelihood classification. The training procedure are comparing between the cultivation area calculated by ground survey and by image classification in the paddy-majority area. This supervised classification method has high accuracy. Furthermore, this method could assist us to calculate the water requirement for each crop, based on the area of each crop derives from image classification and the growing and cropping pattern.

關鍵字：Remote Sensing、Maximum-likelihood Classification、Imagery Classification