

Integration of Remotely Sensed Data with GIS Technology for Classification of One Crop of Rice

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SUMMARY

This article presents the results of the integration of GIS data with the supervised classification results of one-time data of Remote Sensing to classify a land of growing rice. Based on the ecological characteristics of rice crop, the authors have defined the GIS data for the integration process. Authors also use statistics area of rice for comparison with the calculated area from the integrated results in order to evaluate the accuracy and the ability of methods. The study result shows that the accuracy depends heavily on factors identification that influence most strongly to the object need to classify as well as the accuracy of available GIS data.

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