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Airborne Remote Sensing Survey for Bamboo Distribution Area of Kanazawa City

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Abstract

In this report, we acquired hyper spectrum data, LiDAR data and data by airborne survey to investigate the distribution/the expansion situation of bamboo in the Satoyama area of Kakuma campus of Kanazawa University in Ishikawa Pref.

Precision of classification became higher by using the “standardized”

spectral data. In addition, the precision was improved more by adding height of vegetation by the LiDAR data.

We also found that other trees surviving in the bamboo expansion a bamboo stands. In conclusion, by the high-resolution investigation l sensing, we could investigate distribution of bamboo stand and the e

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