

# Non-Reforestation Area Project in Kyushu Island, Japan: Role of Multi-Temporal LANDSAT/TM Data (Understanding for each and integrated ecosystem using remote sensing, 6th International Symposium on Integrated Field Science)

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## **Non-Reforestation Area Project in Kyushu Island, Japan: Role of Multi-Temporal LANDSAT/TM Data**

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Non-reforestation area means plantation stands without re-plantation after clear cutting. Recently, the non-reforestation area (NRA) has been increasing. Under such a situation, the project for NRA has started and some sub-projects have proceeded with the program. One of the sub-projects is about monitoring of actual condition of NRA. For detecting clear-cuts at broad scale, multi-temporal remote sensing played very important role. The percentage of NRA to whole clear-cutting plantation was 25%. The number of NRA points and ratio were different between each prefecture. Moreover, some hotspots were recognized on the Kernel density mapping of NRA.