

## Rural land use changes around Surakarta minicipality

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20408798&lokasi=lokal>

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### Abstrak

Land use competition in areas surrounding the urban area is the major factor influencing rural land use changes. Land use for agricultural activities is being changed into urban use. The rural land cover can be identified on the SPOT and Landsat imagery. The trend of urban development toward the rural area can be studied sing SPOT and Landsat imagery. The aims of this study are to know the rural land use changes and to know the urban development pattern in Surakarta. The SPOT and Landsat imagery are the main data sources and the interpretation is used in getting the data. The land cover is identified and classified based on the pixel value. The object of land use is classified into four classes. Using the temporal and spatial approach, the changes of rural land use to urban one can be known.