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## Satellite Image Analysis along the Kuala Selangor to Sabak Bernam Rural Tourism Routes

(Conference Paper)
([Open Access](#))
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### Abstract

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This research focuses on the analysis of land cover map using satellite imagery along the rural routes. The aim of this research is to study the landscape features that can be seen by the tourists around the rural routes. The objectives of the study are twofold: (i) to analyse the land cover types along the rural routes and (ii) to create a tourist map along the rural routes. The method adopted was to use Supervised Classification by creating multiple polygons to ensure that each information is sufficient to create appropriate spectral signatures. The finding shows that 80% of the landscape features along the Point of Interest (POI) are paddy field. According to the analysis using the indicators criteria for choosing the rural routes, this research shows that this area has the potential to be part of a tourism area because it has many historical and cultural elements that can be exposed to tourists. Future research will be a factor analysis on the significance of the criteria to rural tourism attraction. © Published under licence by IOP Publishing Ltd.

### Indexed keywords

Engineering controlled terms:

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Compendex keywords

[Land-cover types](#)
[Landscape feature](#)
[Point of interest](#)
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[Satellite image analysis](#)
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