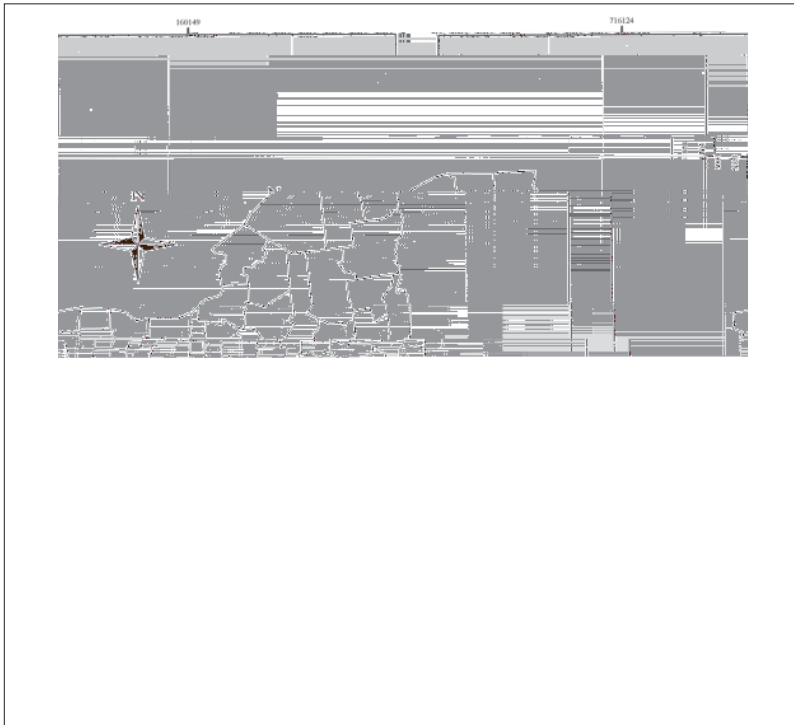


Description of the Study Area



The following table shows the results of the land cover classification scheme for the study area. The data is presented in a table with columns for the land cover class, the area in hectares, and the percentage of the total area. The total area is 1000 hectares.

Land cover class	Area (ha)	Percentage (%)
Water	150	15%
Forest	300	30%
Urban	100	10%
Barren	50	5%
Grassland	200	20%
Other	100	10%
Total	1000	100%

Landcover classification scheme

The land cover classification scheme is based on the following criteria:

- Water: Areas with high reflectance in the near-infrared band and low reflectance in the visible bands.
- Forest: Areas with high reflectance in the near-infrared band and low reflectance in the visible bands.
- Urban: Areas with high reflectance in the visible bands and low reflectance in the near-infrared band.
- Barren: Areas with low reflectance in both the visible and near-infrared bands.
- Grassland: Areas with high reflectance in the visible bands and low reflectance in the near-infrared band.
- Other: Areas that do not fit into any of the other categories.

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Digital classification

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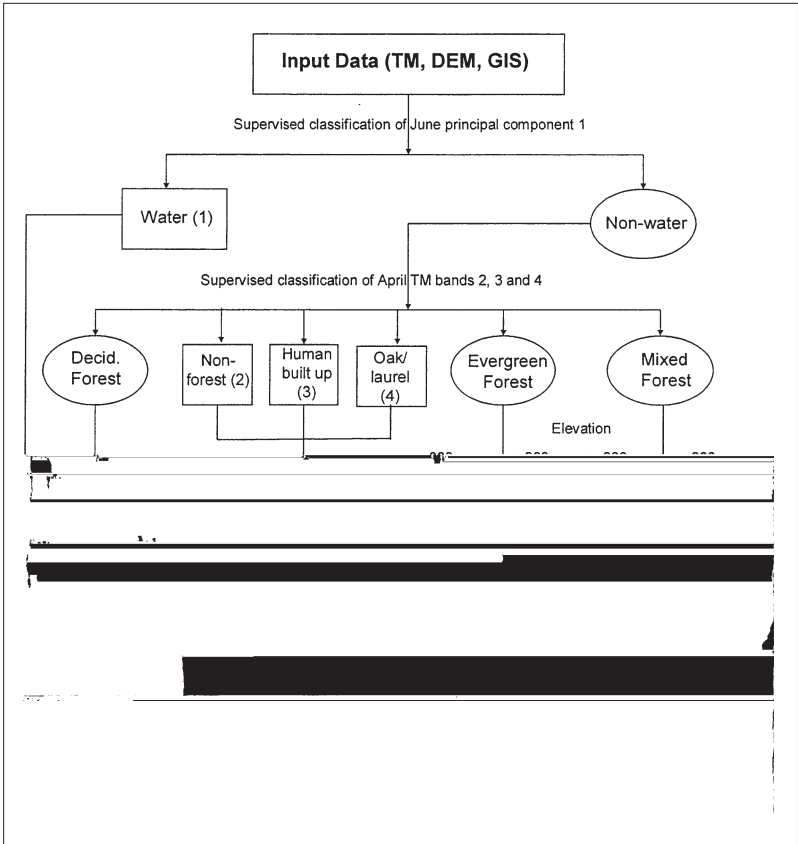
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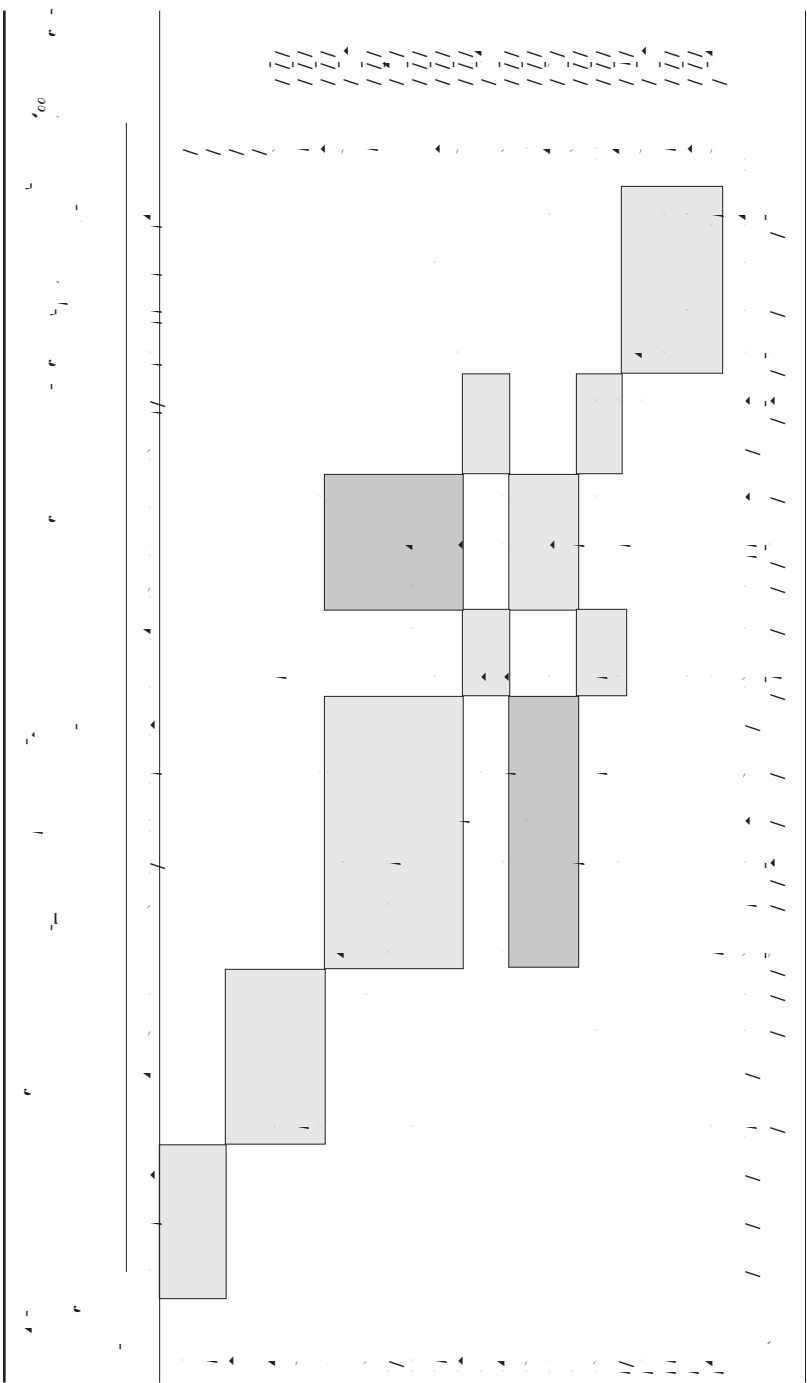




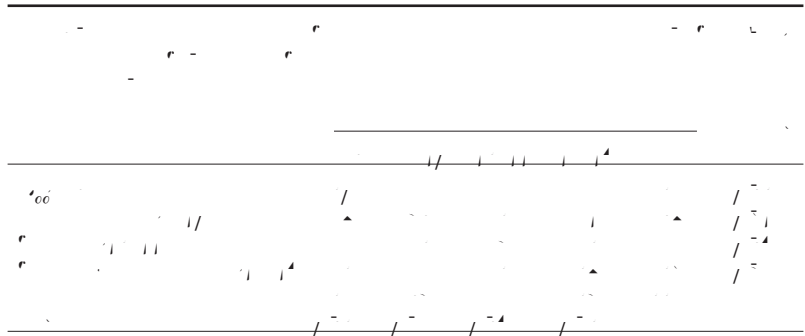
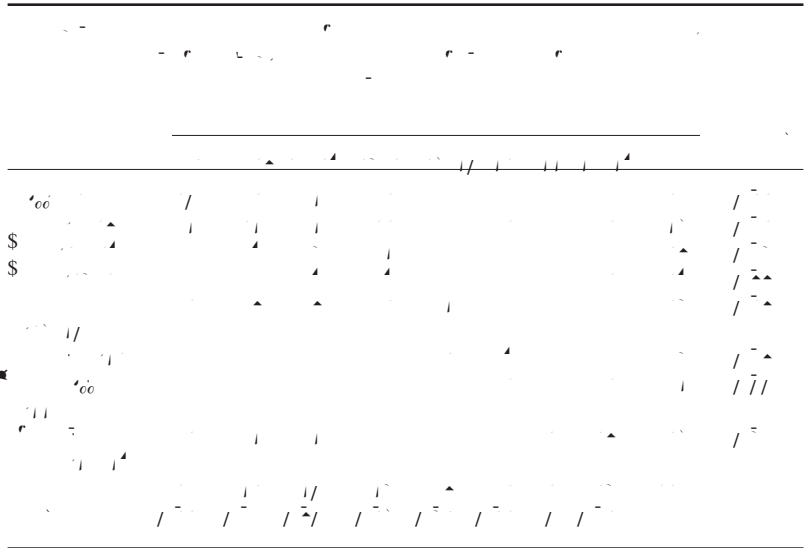
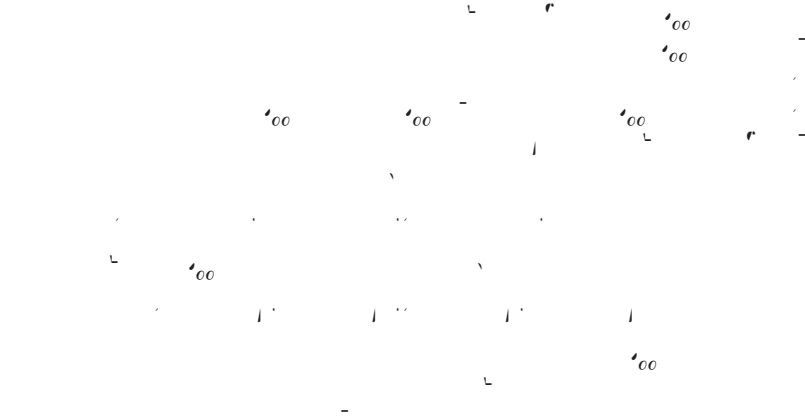
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Map accuracy assessment

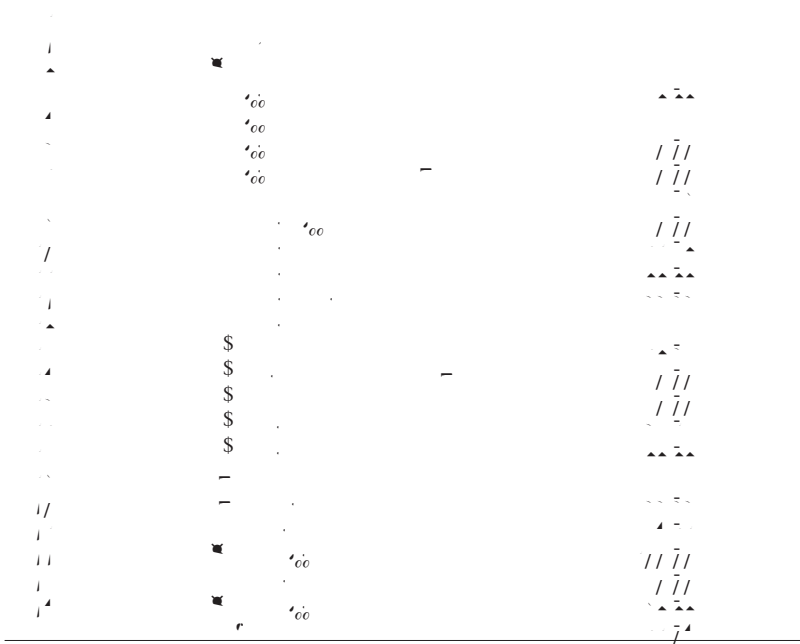
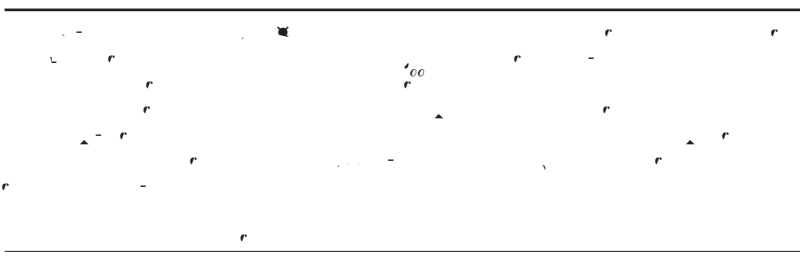
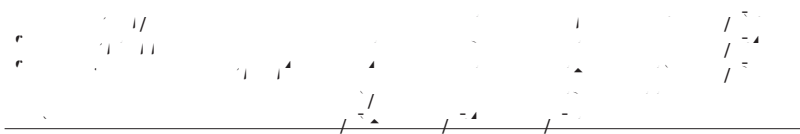
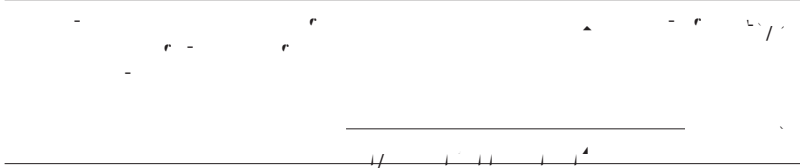




Spectral and temporal indices



Map accuracy assessment



Discussion

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Literature Cited

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