Coupling Land Cover/Land Use Change and Ecological Processes in Southern Central Africa's Miombo Woodlands
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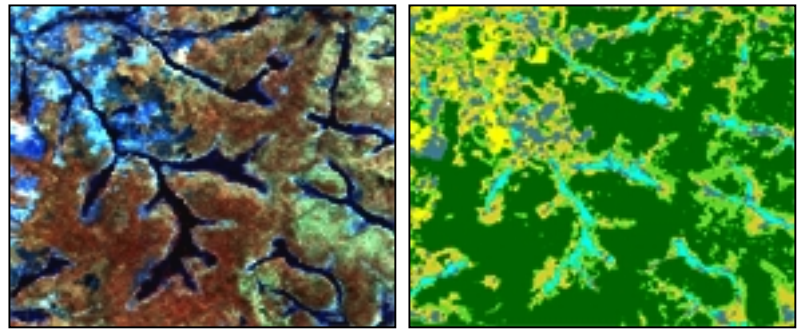
- To model land cover changes in Miombo ecosystems by an integrated analysis of remotely sensed data, field measurements, and socio-economic drivers.

- Harmonize national products of land cover/land use Landsat TM, field maps and aerial photos into a regional map.
- Apply hierarchical levels from individual household to global scale drivers to land use model.

- Landuse and land cover change varies among nations and is influenced by socio-economic variables such as war, disease, infestation, migration and shifts between subsistence and cash-crop agriculture.

- IPCC non-Annex 1countries, national policy management
- Regional scale forestry integrated assessment and land use
- Domestic land and trade control policies



Landsat TM False color composite of Miombo Landscape showing Dambos and Burn Scars on left, classified image on right woodland, grassland, water, scars, cultivated/bare