Food and Agriculture Organization of the United Nations

2001 land cover map of Alto Hama, Angola

The 2001 land cover map of Alto Hama, Angola has been developed as part of the process of land degradation assessment in the area from 2001 to 2021. A stratified random sampling by land cover class was used for training data collection in Collect Earth Online (CEO). Land cover legend classes are prepared using LCML/LCCS v3. A temporal segmentation has been applied to Landsat image collections over the area of interest using the continuous change detection and classification (CCDC) algorithm in SEPAL platform. CCDC slice for 1 July 2001 has been used to generate the 2001 land cover map of Alto Hama by using a random forest classification algorithm in Google Earth Engine (GEE).

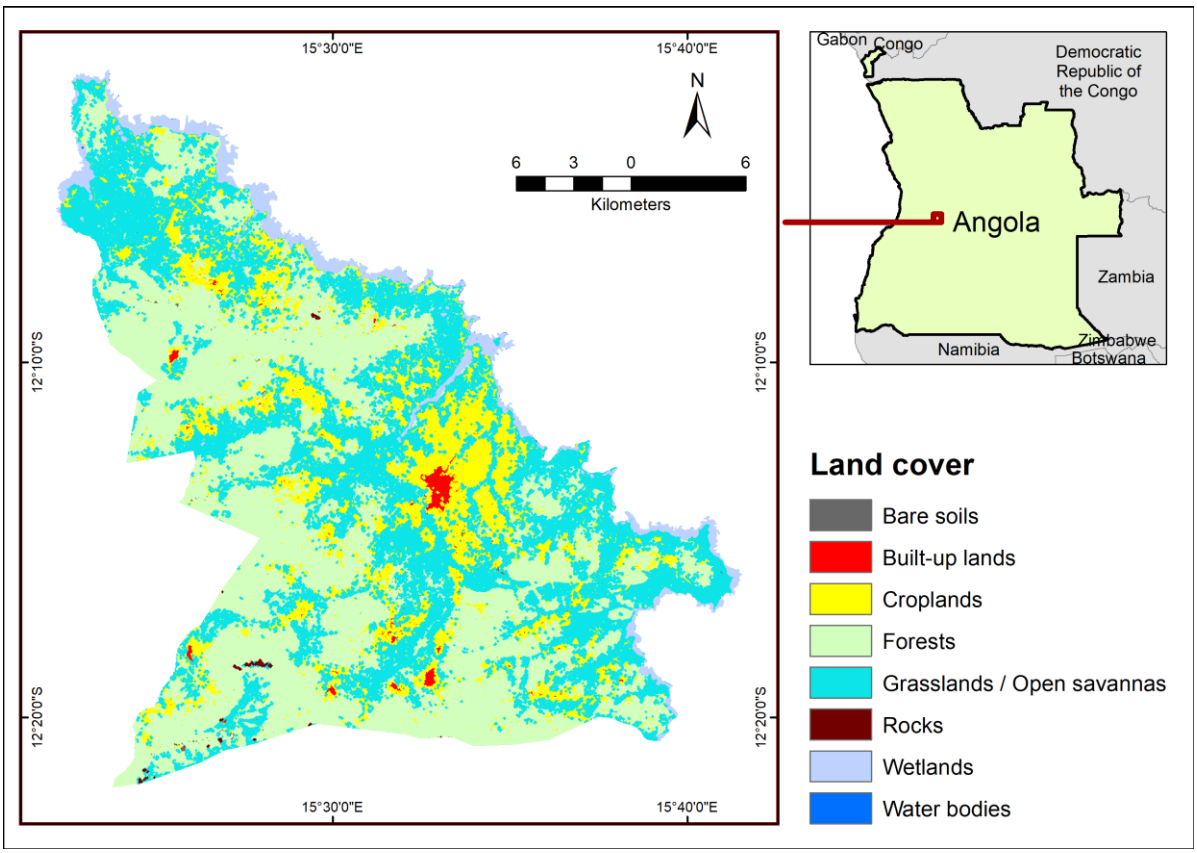

Figure 1: 2001 land cover map of Alto Hama, Angola[1]

Table 1: 2001 land cover area statistics

Land cover class	Area (km²)	Area (%)
Bare soils	1	0.10
Built-up lands	4	1
Croplands	92	15
Forests	261	42
Grasslands / Open savannas	235	38
Rocks	1	0.12
Wetlands	27	4
Water bodies	0.16	0.03
Total	**620**	**100**

Key Findings

Dominant land cover classes observed in 2001 (top three) are:

1. Forests (42%),
2. Grasslands / Open savannas (38%),
3. Croplands (15%).

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[1] GAUL 2015. The boundaries and names shown, and the designations used on these map(s) do not express any opinion whatsoever on the part of FAO concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers and boundaries. Dashed lines on maps represent approximate border lines for which there may not yet be full agreement.