2018 land cover map of Chongoroi, Angola

The 2018 land cover map of Chongoroi, 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 2018 has been used to generate the 2018 land cover map of Chongoroi by using a random forest classification algorithm in Google Earth Engine (GEE).
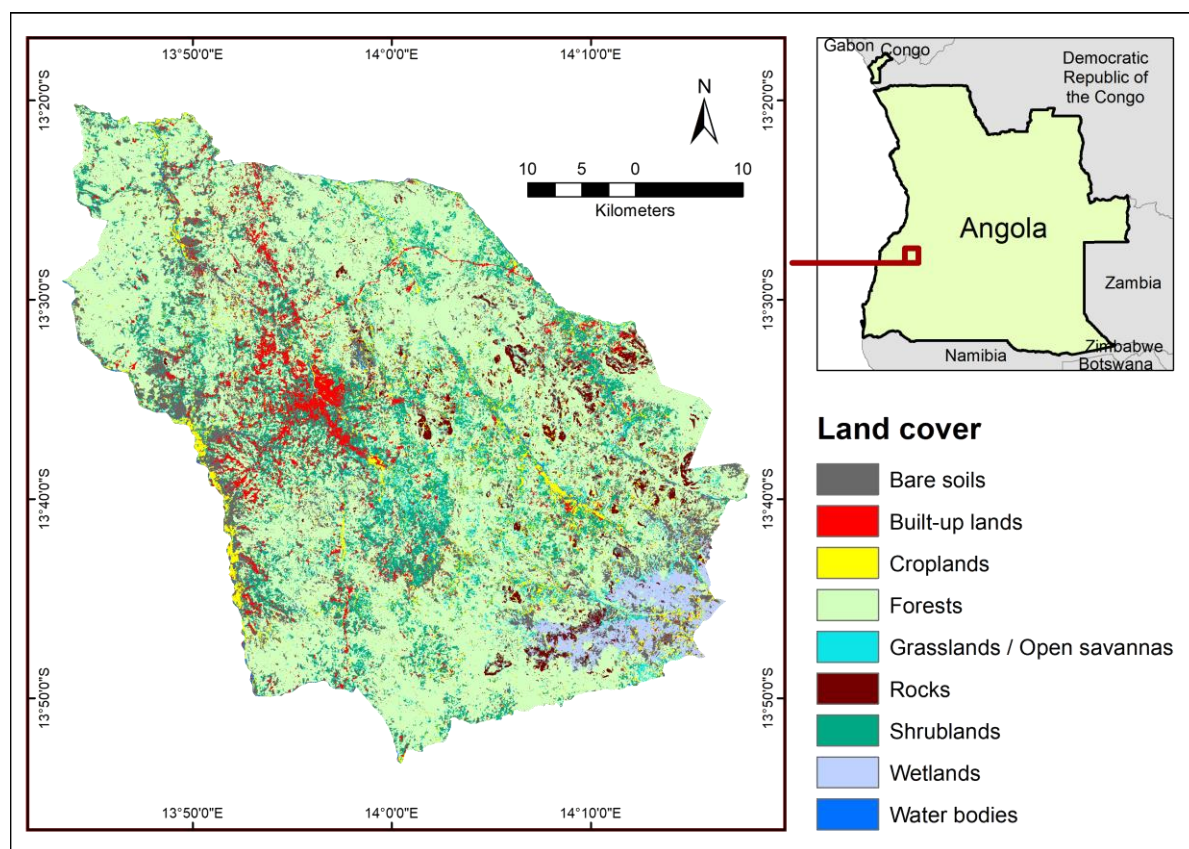

Figure 1: 2018 land cover map of Chongoroi, Angola[1]

Table 1: 2018 land cover area statistics

Land cover class	Area (km²)	Area (%)
Bare soils	227	10
Built-up lands	116	5
Croplands	106	5
Forests	1 278	58
Grasslands / Open savannas	74	3
Rocks	42	2
Shrublands	274	13
Wetlands	52	2
Water bodies	19	1
Total	**2 187**	**100**

Key Findings

Dominant land cover classes observed in 2018 (top three) are:

1. Forests (58%),
2. Shrublands (13%),
3. Bare soils (10%).

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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.