

An assessment of land degradation was carried out following the UNCCD’s Good Practice Guidance (GPG) version 2 for the SDG Indicator 15.3.1 (Proportion of land that is degraded over total land area) for Sennar state in Sudan for the period of 2016 - 2022. Using the default parameters in the SEPAL SDG 15.3.1 module, one out all out statistical principle was used to combine all the sub-indicators of productivity, land cover and soil organic carbon. Percentages of land degraded within the water sheds located in the state were computed.

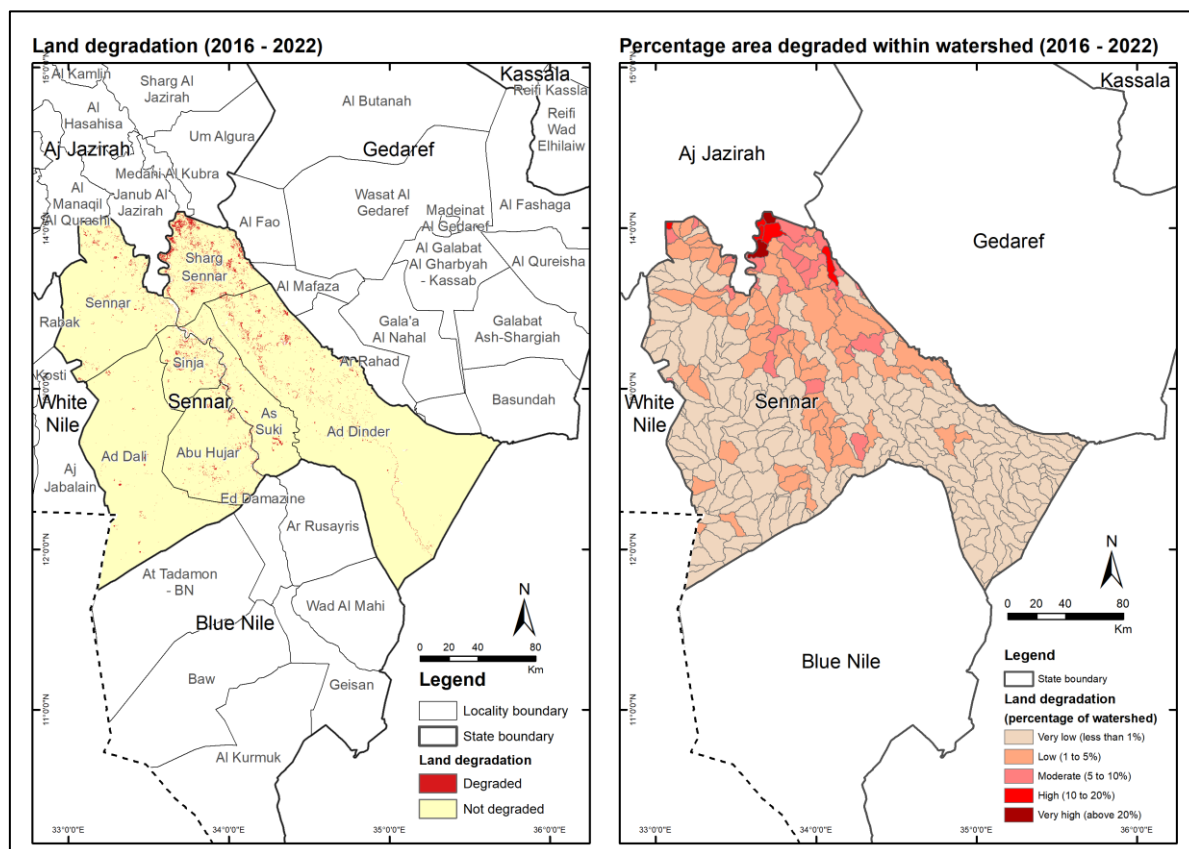


Figure 1: Status of land degradation in during 2016 to 2022¹

Table 1: Land degradation statistics

Degradation level	Number of watershed	Total area (km ²)	Degraded area	
			km ²	% of total
Very low (less than 1% area degraded)	236	33 150	65	0.2
Low (1 to 5% area degraded)	78	11 467	260	2.3
Moderate (5 to 10% area degraded)	23	2 862	199	7.0
High (10 to 20% area degraded)	7	1 195	147	12.3
Very high (above 20% area degraded)	3	642	195	30.4
Total	347	49 315	866	1.8

Key Findings

- From 2016 to 2022, total 866 km² of land were degraded in Sennar state.
- Three watersheds were found to experience very high land degradation where more than 20% of the area were degraded during 2016 to 2022.

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¹ Source: Administrative boundaries from HDX and watershed boundaries from HydroSHEDS. 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. Final boundary between the Republic of Sudan and the Republic of South Sudan has not yet been determined. Dashed lines on maps represent approximate border lines for which there may not yet be full agreement.