

ASSESSING THE STATE OF SUDAN'S FORESTS



In Sudan, forests are considered among the most important natural resources. Their crucial role in supporting agriculture through ameliorating the otherwise harsh conditions of a desert climate, combating soil erosion and conserving water is well recognized by both government circles and rural societies. Their environmental role in making the first and last defense line against the southward creep of the desert, protecting the Nile watershed system and contributing to carbon sequestration give their importance a regional and global dimension. Forests in Sudan are under threat from natural and anthropogenic factors, including drought, charcoal production, timber for construction, over-exploitation for agriculture and other socio-economic factors such as local population unrest in some of the regions of the country.

To protect Sudan's natural wealth and at the same time fulfill national and international commitments, the country is taking significant steps to implement actions to reduce emissions from deforestation and forest degradation while fostering conservation (REDD+).

Under the project "Support for the design of the MRV System in the framework of REDD+ Readiness in the Sudan" and with financial support of the Forest Carbon Partnership Facility (FCPF), Food and Agriculture Organization of the United Nations (FAO) has been supporting the Government of Sudan, particularly the Forests National Corporation (FNC) of the Ministry of Agriculture and Forestry, in the development of a robust National Forest Monitoring System (NFMS) to obtain up-to-date, reliable, transparent and accessible information about the state of the country's forests and guide decision and policymaking for sustainable management of Sudan's forest resources.

National forest inventory (NFI)

The project supported Sudan in developing its first NFI in 20 years to monitor forest cover within the country. The activities included the most in-depth survey carried out on Sudan's woodland and trees to date. The NFI provided an extensive and unique record of key information about forests and woodlands.

Satellite land monitoring system (SLMS)

The use of satellite images for monitoring forest dynamics is of utmost importance for planning and managing forests in a sustainable manner. Moreover, better access to precise and timely data supports Sudan in combating deforestation and forest degradation helps the country meetnational and international climate targets.

Greenhouse gas inventory and forest reference levels

Through the project, Sudan has significantly improved its greenhouse gas (GHG) reporting system. Now the country can more accurately estimate the levels of GHG emissions and compare REDD+ results against the reference level, essential steps to support Sudan's climate actions.

Strengthening forest monitoring systems

the forest for their livelihoods and wellbeing. It will also enhance the country's



Managing wildfires

information has provided the basis for integrated



Involving academia



Innovating



Mapping forest change



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