

Zambia's National Forest Monitoring System — Landsat-Based Deforestation Tracking

PES & Nature-Based Solutions · Good practice · Zambia

Quality score: 27/100

Evidence strength: Cautionary / limited

Summary

Zambia's Forestry Department built a national forest monitoring system with FAO's Open Foris and SEPAL satellite-processing tools, producing Landsat-based national forest-cover mosaics for 2000, 2010 and 2014 that feed its REDD+ reference level amid some of the world's highest de

Key dimensions

Dimension	Score
Carbon — sequestration / storage, evidenced	2/3
Biodiversity — conservation / improvement, evidenced	0/3
Water & soil — retention, infiltration, erosion control	0/3
Fire resilience — risk reduction, evidenced	0/3
Governance, certification & transferability	2/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-09-01

[Zambia Forestry Department, Ministry of Green Economy and Environment, with FAO and FCPF support](#) — accessed 2026-09-01

[FAO: Strengthening National Forest Monitoring Systems for REDD+ \(Zambia\)](#) — accessed 2026-09-01

[UNCCD: ILUA II Final Report for Zambia](#) — accessed 2026-09-01

[Global Forest Watch: Zambia deforestation dashboard](#) — accessed 2026-09-01

Cite this — Evidoria. *Zambia's National Forest Monitoring System — Landsat-Based Deforestation Tracking*. Persistent ID: c21d9e7f-1f0b-48fe-afd6-16998ed410b8.