

Sukhomajri Hill Resource Management Society — Watershed PES for Sukhna Lake (India)

PES & Nature-Based Solutions · Good practice · India

Quality score: 27/100

Evidence strength: Cautionary / limited

Summary

From the late 1970s, the Haryana village of Sukhomajri built check dams and a community water-rights institution (HRMS) that cut siltation into Chandigarh's Sukhna Lake by ~95%, saving ~US\$200,000/year in dredging. The model has since deteriorated: dams have silted up and the soc

Key dimensions

Dimension	Score
Carbon — sequestration / storage, evidenced	0/3
Biodiversity — conservation / improvement, evidenced	0/3
Water & soil — retention, infiltration, erosion control	3/3
Fire resilience — risk reduction, evidenced	0/3
Governance, certification & transferability	1/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-07-04

[Hill Resource Management Society \(HRMS\) / Central Soil & Water Conservation Research and Training Institute \(CSWCRTI\)](#) — accessed 2026-07-04

[Watershed Markets: India Sukhomajri case study](#) — accessed 2026-07-04

[Down To Earth: Sukhomajri falls apart](#) — accessed 2026-07-04

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