

Chilika Lake (India) — New Sea Mouth and Salinity Restoration of a Ramsar Lagoon

PES & Nature-Based Solutions · Good practice · India

Quality score: 40/100

Evidence strength: Moderate

Summary

A new sea mouth opened in Sept 2000 restored Chilika's salinity; reported fish and prawn landings rose from ~1,600 t/yr to ~14,000 t, seagrass grew to 152 km², and the site left Ramsar's Montreux Record in 2002.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-10-21

[Chilika Development Authority \(Government of Odisha\)](#) — accessed 2026-10-21

[Pattnaik \(CDA\), Chilika Lake restoration report \(ILEC\)](#) — accessed 2026-10-21

[IIT Madras — Chilika restoration](#) — accessed 2026-10-21

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