

Bay of Jiquilisco Community-Based Ecological Mangrove Restoration — Hydrological Restoration Without Planting (El Salvador)

PES & Nature-Based Solutions · Good practice · El Salvador

Quality score: 53/100

Evidence strength: Moderate

Summary

Since 2011, Asociación Mangle and coastal communities reopened over 10 km of silted tidal channels in Jiquilisco Bay, letting hundreds of hectares of mangrove regrow naturally with no planting — a 12-year follow-up in 2023 confirmed the recovery held.

Key dimensions

Dimension	Score
Carbon — sequestration / storage, evidenced	1/3
Biodiversity — conservation / improvement, evidenced	2/3
Water & soil — retention, infiltration, erosion control	3/3
Fire resilience — risk reduction, evidenced	0/3
Governance, certification & transferability	2/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-09-24

[Asociación Mangle; Mangrove Action Project \(MAP\); EcoViva](#) — accessed 2026-09-24

[Mangrove Action Project — MAP in El Salvador](#) — accessed 2026-09-24

[Mongabay — Lessons from successful mangrove forest restoration in El Salvador \(analysis\)](#) — accessed 2026-09-24

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