Pantanos de Villa Wildlife Refuge — Lima's Last Large Urban Wetland, Protected Since 1989 Yet Still Losing Vegetated Cover (Peru)

PES & Nature-Based Solutions · Good practice · Peru

Quality score: 33/100

Evidence strength: Cautionary / limited

Summary

A 263-ha Ramsar wetland inside Lima, protected since 1989 and co-managed by SERNANP and the city's PROHVILLA, records ~210 bird species — but satellite analysis shows its vegetated cover fell 18% (–41.8 ha) in 2002–2019 under urban pressure.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

C-NAPSE web research — accessed 2026-11-23

SERNANP with PROHVILLA (Municipality of Lima) — accessed 2026-11-23

Wikipedia — Pantanos de Villa Wildlife Refuge — accessed 2026-11-23

Urbina, Rivera-Cáceda & Aponte (2022), Rev. Acad. Colomb. Cienc. 46(181) — Lima wetland change 2002–2019 — accessed 2026-11-23

Ramsar Sites Information Service — Los Pantanos de Villa (site 884) — accessed 2026-11-23

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