

Lake Sevan Ecosystem Restoration — Water-Level Recovery & Endemic Trout Conservation

PES & Nature-Based Solutions · Good practice · Armenia

Quality score: 27/100

Evidence strength: Observational / pre–post

Summary

Armenia's state programme raised Lake Sevan 380cm between 2001–2011 (against a 216cm legal target) via water-transfer tunnels and funded hatchery releases of 5,000–10,000 endangered Sevan trout fry a year — though the rise has since stalled and pollution persists.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-08-05

["Sevan" National Park SNCO / GEF Small Grants Programme / UNDP Armenia / ADB](#) — accessed 2026-08-05

[EVN Report — The Ups and Downs of Lake Sevan](#) — accessed 2026-08-05

[GEF — Sevan trout reproduction support](#) — accessed 2026-08-05

[ARMENPRESS — Lake Sevan water-level gain](#) — accessed 2026-08-05

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