

Takara Tabu Marine Reserve, Vanuatu — Trochus Density Rises Locally, Reserve-Wide Gains Not Yet Significant After Three Years

PES & Nature-Based Solutions · Good practice · Vanuatu

Quality score: 27/100

Evidence strength: Cautionary / limited

Summary

Three years after Takara village (North Efate, Vanuatu) closed a 0.2km² reef as a customary tabu reserve, harvestable trochus density was ten-fold higher in the reserve's southern zone, but the reserve-wide difference was not statistically significant.

Key dimensions

Dimension	Score
Carbon — sequestration / storage, evidenced	0/3
Biodiversity — conservation / improvement, evidenced	2/3
Water & soil — retention, infiltration, erosion control	0/3
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

[Vanuatu Fisheries Department; Institut de Recherche pour le Developpement \(IRD\); Takara Village Community](#) — accessed 2026-09-24

[Dumas et al. 2010, Environmental Conservation - Emau tabu reserves](#) — accessed 2026-09-24

[Dumas et al. 2017, PLOS ONE - Takara reserve trochus survey](#) — accessed 2026-09-24

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