

Redonda Ecosystem Reserve — Rat and Goat Eradication (Antigua and Barbuda)

PES & Nature-Based Solutions · Good practice · Antigua and Barbuda

Quality score: 53/100

Evidence strength: Observational / pre–post

Summary

Goat and rat eradication (2016–2018) on the barren islet of Redonda triggered a peer-reviewed sixfold+ rebound in an endemic ground lizard and a >2,000% rise in vegetation biomass, leading Antigua and Barbuda to designate a 30,000-hectare land-and-sea reserve in 2023.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

[Re:wild: rejuvenated Caribbean 'moonscape' island granted protected area status](#) — accessed 2026-07-05

[Integrative Zoology \(peer-reviewed, NIH PMC\)](#) — accessed 2026-07-05

[Mongabay: From rat-ridden to reserve, Redonda is an island restoration role model](#) — accessed 2026-07-05

[Antigua Observer: Wildlife numbers increasing on Redonda, EAG says](#) — accessed 2026-07-05

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