

Vaisigano River Integrated Flood Management — Ecosystem-Based Catchment Resilience (Samoa)

PES & Nature-Based Solutions · Good practice · Samoa

Quality score: 33/100

Evidence strength: Cautionary / limited

Summary

Samoa's government, backed by a US\$57.7M Green Climate Fund grant (US\$65.7M total), is upgrading riverworks and drainage across the Vaisigano catchment through the capital Apia, aiming to protect about 37,000 people from recurrent flooding by 2025.

Key dimensions

Dimension	Score
Carbon — sequestration / storage, evidenced	0/3
Biodiversity — conservation / improvement, evidenced	0/3
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 2026-08-21

[Government of Samoa – Ministry of Natural Resources and Environment, with the Green Climate Fund](#) — accessed 2026-08-21

[UNDP Climate Change Adaptation — project profile](#) — accessed 2026-08-21

[Green Climate Fund — FP037 project page](#) — accessed 2026-08-21

Cite this — Evidoria. *Vaisigano River Integrated Flood Management — Ecosystem-Based Catchment Resilience (Samoa)*. Persistent ID: c6c97eaa-f674-493e-a4b9-54ad5af1d17e.