

Estero de San Miguel — Manila's Phytoremediation-Led Waterway Rehabilitation

PES & Nature-Based Solutions · Good practice · Philippines

Quality score: 27/100

Evidence strength: Cautionary / limited

Summary

The Pasig River Rehabilitation Commission spent **₱52 million** dredging and phytoremediating Manila's 2.3 km Estero de San Miguel with vetiver-planted floating islands, earning DENR's 'Most Improved Estero' award — though sister waterways nearby remain neglected.

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 2026-08-30

[Pasig River Rehabilitation Commission \(PRRC\) / DENR-NCR](#) — accessed 2026-08-30

[DENR-NCR: Estero de San Miguel wins Gawad Taga-Ilog 'Most Improved Estero' 2021–2022](#) — accessed 2026-08-30

[Inquirer: Saving Manila esteros — Green in, garbage out](#) — accessed 2026-08-30

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