

U Minh Th■■ng Integrated Water & Fire Management — Peat Swamp Forest Protection (Vietnam)

PES & Nature-Based Solutions · Good practice · Vietnam

Quality score: 73/100

Evidence strength: Observational / pre–post

Summary

Since 2009, U Minh Th■■ng National Park, Vietnam, has had zero forest fires by keeping dry-season water tables above a 50cm threshold, protecting ~3,900 ha of peat swamp — though a 2024 study found peat carbon stocks kept declining 2003–2022 despite the fire-free record.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

C-NAPSE web research — accessed 2026-07-17

U Minh Th■■ng National Park Administration / Southern Institute of Forestry Science / Kiên Giang University / Leibniz University Hannover — accessed 2026-07-17

Thai et al. 2024, Sustainability (MDPI) — peat mass & carbon study — accessed 2026-07-17

ASEAN Centre for Biodiversity — U Minh Th■■ng National Park profile — accessed 2026-07-17

Ramsar Sites Information Service — U Minh Th■■ng National Park — accessed 2026-07-17

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