

Bangladesh's Cyclone Preparedness Programme & Sundarbans Mangrove Shelterbelt — Fifty Years Cutting Cyclone Deaths

PES & Nature-Based Solutions · Good practice · Bangladesh

Quality score: 47/100

Evidence strength: Observational / pre–post

Summary

Bangladesh's Cyclone Preparedness Programme trains 76,000+ Red Crescent volunteers across 13 coastal districts and evacuated 2.1 million people ahead of Cyclone Bulbul; storm deaths fell from ~300,000 in 1970's Bhola cyclone to under 10 in 2018's Fani and ~20 in 2020's Amphan.

Key dimensions

Dimension	Score
Carbon — sequestration / storage, evidenced	1/3
Biodiversity — conservation / improvement, evidenced	1/3
Water & soil — retention, infiltration, erosion control	2/3
Fire resilience — risk reduction, evidenced	0/3
Governance, certification & transferability	3/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-09-15

[Bangladesh Red Crescent Society & Ministry of Disaster Management and Relief](#) — accessed 2026-09-15

[IFRC — Communities most vulnerable to storms: volunteers rise to the challenge](#) — accessed 2026-09-15

[UNDRR — UN praises Bangladesh Cyclone Preparedness Programme](#) — accessed 2026-09-15

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