

# Hatirjheel-Begunbari Integrated Development — Engineered Wetland Flood Storage for Central Dhaka

PES & Nature-Based Solutions · Good practice · Bangladesh

Quality score: 33/100

Evidence strength: Cautionary / limited

## Summary

Dhaka's RAJUK restored a degraded wetland into a 122-hectare lake-and-park system holding up to 4.81 billion litres of stormwater, easing chronic flooding, but the project's cost nearly tripled (to \$180M) and displaced roughly 1,200 informal settlements before opening in 2013.

## Key dimensions

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

Evaluated by C-NAPSE

## Data sources

[C-NAPSE web research](#) — accessed 2026-08-21

[Rajdhani Unnayan Kartripakkha \(RAJUK\), constructed by the Bangladesh Army](#) — accessed 2026-08-21

[bdnews24 — Hatirjheel project cost rises to Tk1900cr](#) — accessed 2026-08-21

[Wikipedia — Hatirjheel](#) — accessed 2026-08-21

[The Business Standard — Hatirjheel's global honour](#) — accessed 2026-08-21

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