

Guantian Green Conservation Payment for Pheasant-tailed Jacana Farmland (Tainan, Taiwan)

PES & Nature-Based Solutions · Good practice · Taiwan

Quality score: 40/100

Evidence strength: Moderate

Summary

Since 1998, Taiwan's Forestry Bureau and Tainan City have paid Guantian farmers to farm pesticide-free for the endangered pheasant-tailed jacana; nests grew from 52 to 577 and the model scaled nationwide to 186 farmers on 214 ha.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-07-10

[Forestry Bureau, Taiwan / Tainan City Government / Tse-Xin Organic Agriculture Foundation](#) — accessed 2026-07-10

[Satoyama Initiative case study — Guantian jacana conservation](#) — accessed 2026-07-10

[Taiwan Ministry of Agriculture — ecological payments overview](#) — accessed 2026-07-10

[Taiwan Panorama — Conservation through Eco-Friendly Farming: The Pheasant-Tailed Jacana](#) — accessed 2026-07-10

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