

GreenDanube — *Amorpha fruticosa* Clearance and Floodplain Restoration on Romania's Danube Islands

PES & Nature-Based Solutions · Good practice · Romania

Quality score: 53/100

Evidence strength: Observational / pre–post

Summary

The EU-funded GreenDanube LIFE project (2006-2010) cleared 12.2 hectares of invasive *Amorpha fruticosa* and added 953.5 hectares of Danube floodplain to Natura 2000 protection across eight Romanian islands, while wintering Dalmatian pelicans rose from about 140 to roughly 200.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

C-NAPSE web research — accessed 2026-09-13

Environmental Protection Agency C   ra  i; WWF Danube-Carpathian Programme; ROMSILVA C   ra  i Forest Directorate; Forest Research and Management Institute (ICAS); Romanian Ornithological Society — accessed 2026-09-13

Zenodo: Chorology of *Amorpha fruticosa* in the Danube Delta — accessed 2026-09-13

European Commission LIFE Programme: GREENDANUBE project page — accessed 2026-09-13

ResearchGate: Valorisation possibilities of invasive indigobush (*Amorpha fruticosa* L.) in Romania — accessed 2026-09-13

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