

River Otter Beaver Trial — Wild Beaver Wetlands Cutting Storm Flows by ~30% (Devon, England)

PES & Nature-Based Solutions · Good practice · United Kingdom

Quality score: 53/100

Evidence strength: Moderate

Summary

Ten years of University of Exeter research on wild beavers on the River Otter: storm peak flows ~30% lower on average, 6 million litres stored per territory, and slow release in the 2022 drought; findings come from only four territories.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-10-01

[Devon Wildlife Trust / University of Exeter](#) — accessed 2026-10-01

[Devon Wildlife Trust — research news](#) — accessed 2026-10-01

[University of Exeter news](#) — accessed 2026-10-01

[OPPLA case study](#) — accessed 2026-10-01

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