

■t■karo Avon River Corridor — Post-Earthquake Managed Retreat into a Floodplain Green Spine

PES & Nature-Based Solutions · Good practice · New Zealand

Quality score: 47/100

Evidence strength: Moderate

Summary

After the 2010–11 Canterbury earthquakes, the Crown bought out roughly 8,000 liquefaction-hit properties along the ■t■karo/Avon River and is converting the 600-hectare red zone into an 11 km green corridor with new wetlands treating stormwater from ~25,000 properties.

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	3/3

Evaluated by C-NAPSE

Data sources

C-NAPSE web research — accessed 2026-08-23

Christchurch City Council, with Regenerate Christchurch and Toit■ Te Whenua (Land Information New Zealand) — accessed 2026-08-23

LINZ — Christchurch residential red zones — accessed 2026-08-23

RNZ — Government completes Christchurch red zone transfer to council — accessed 2026-08-23

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