

Pacoima Cool Pavement Pilot — 700,000 sq ft of Reflective Coatings in Los Angeles, Measured Over 12 Months

PES & Nature-Based Solutions · Good practice · United States of America

Quality score: 7/100

Evidence strength: Cautionary / limited

Summary

Streets and surfaces around a Pacoima park were coated with solar-reflective paint in 2022. A peer-reviewed field study reported afternoon air cooling of up to ~1.9°C in a heatwave, but smaller gains in ordinary weather; a vendor-sponsored, single-site result.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

C-NAPSE web research — accessed 2026-10-23

GAF, Climate Resolve, Pacoima Beautiful & City of Los Angeles — accessed 2026-10-23

Planetizen — Cool pavements show promise — accessed 2026-10-23

Environmental Research Communications (Jan 2024), via DOAJ — accessed 2026-10-23

Cite this — Evidoria. *Pacoima Cool Pavement Pilot — 700,000 sq ft of Reflective Coatings in Los Angeles, Measured Over 12 Months*. Persistent ID: 91e41c1b-cfe2-4d74-841a-4c33d65e2712.