

ALBANY WATER IMPROVED FOREST MANAGEMENT, USA

Key facts:

- Nature-based solutions | Improved forest management (IFM) project
- Reduces 30,000+ tCO₂e per year
- Supports 4 of the 17 UN SDGs
- Verified under ACR



Challenge

Albany, the capital of New York State, did not have a permanently protected forest buffer zone around this watershed before the project. Short-rotation clearcutting, which is typical in the region, risked the loss of not only trees but also the natural benefits forests provide to water sources.

Solution

This protects the watershed of the Alcove Reservoir, Basic Creek Reservoir, and Troutner Lake. Emission reductions are achieved by maintaining forest carbon stocks above the short-rotation clearcutting typical in this locality, with the project implementing significantly lower harvesting levels per acre and annually.

Impact

On top of emission reductions, the Albany Water Forest provides an important buffer for the water supply, naturally regulating run-off and filtering groundwater that flows into the reservoirs and their tributaries. Local biodiversity also benefits from protected habitats that include wetlands, forests, and lakes.

