



Stream Restoration Success II - May 4, 2011

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The Landowner



The Professional



History



1970s



- Federal Water Pollution Control Amendments of 1972,
- Clean Water Act of 1977
- Dairies begin to install waste ponds with County help
- Water is trucked from Mendocino during the drought

History



History



1980s - RCD becomes active in erosion control through grants:



-Lagunitas Watershed Erosion Control

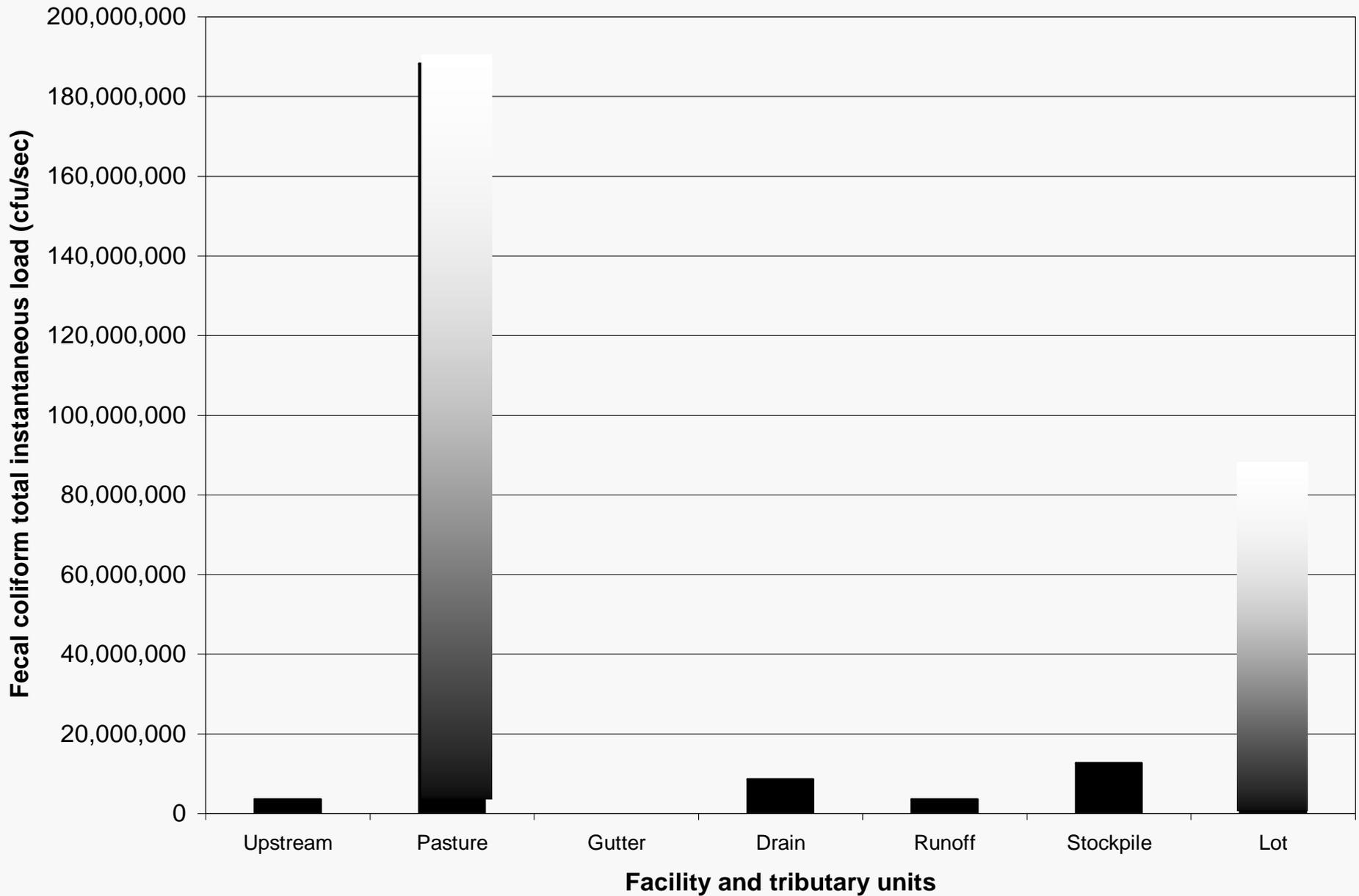
-Stafford Lake Erosion Control Program

-Walker Creek Watershed Enhancement Program

Planning and Assessments



Fecal coliform load in storm run-off



Implementation



Implementation



Implementation



Implementation



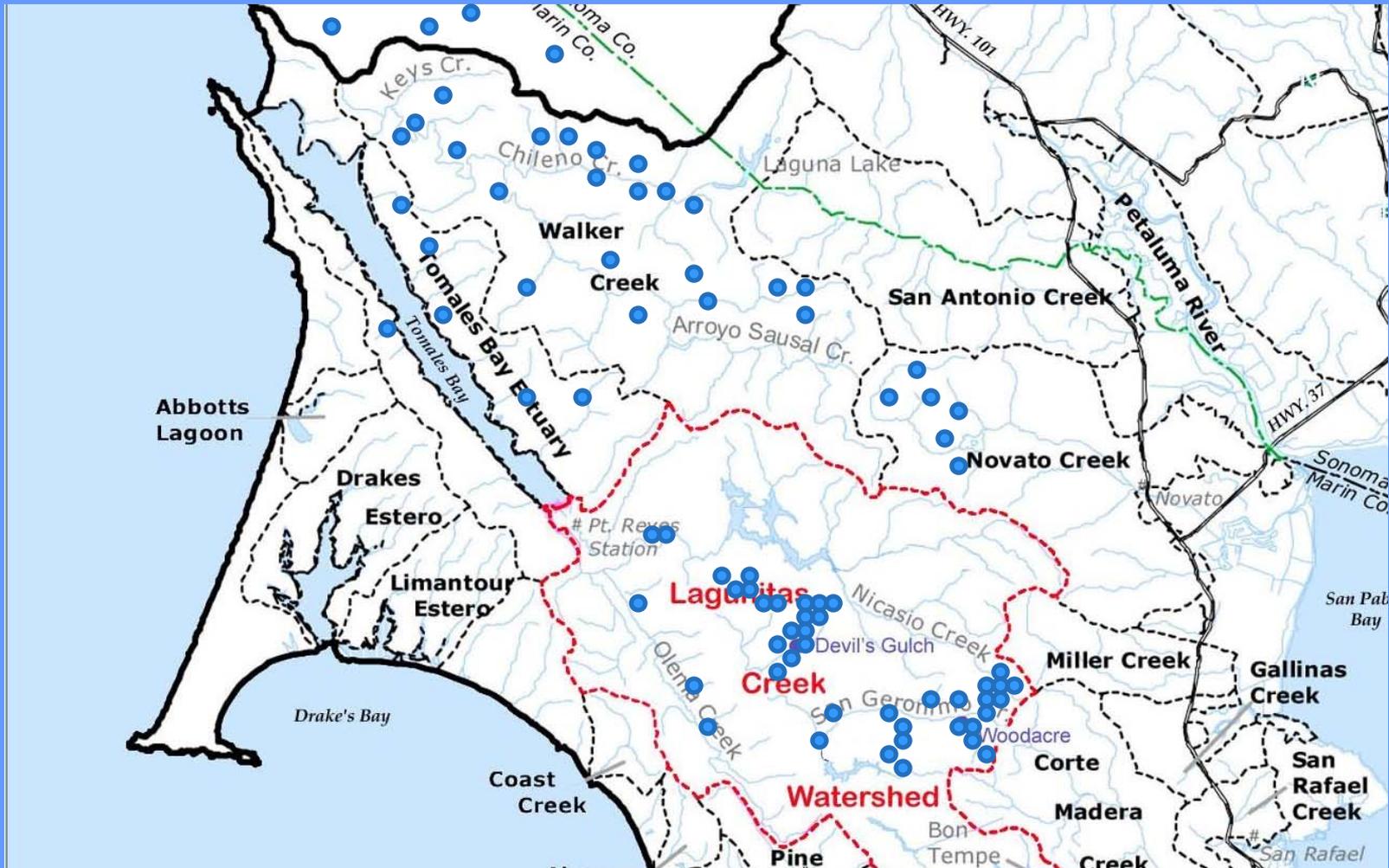
Implementation



Implementation



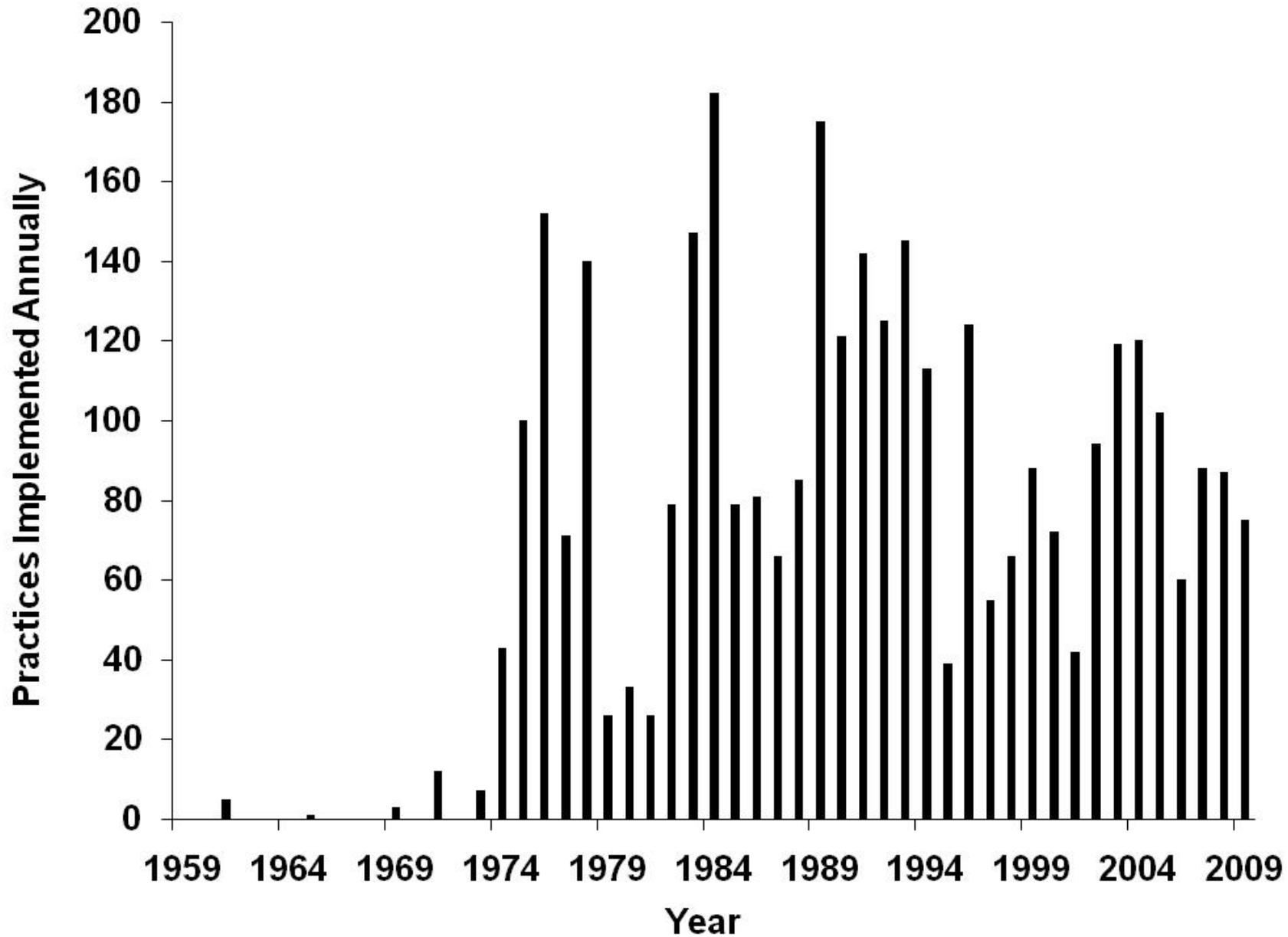
Map of Marin RCD Projects



Over 75 Projects with RCD,

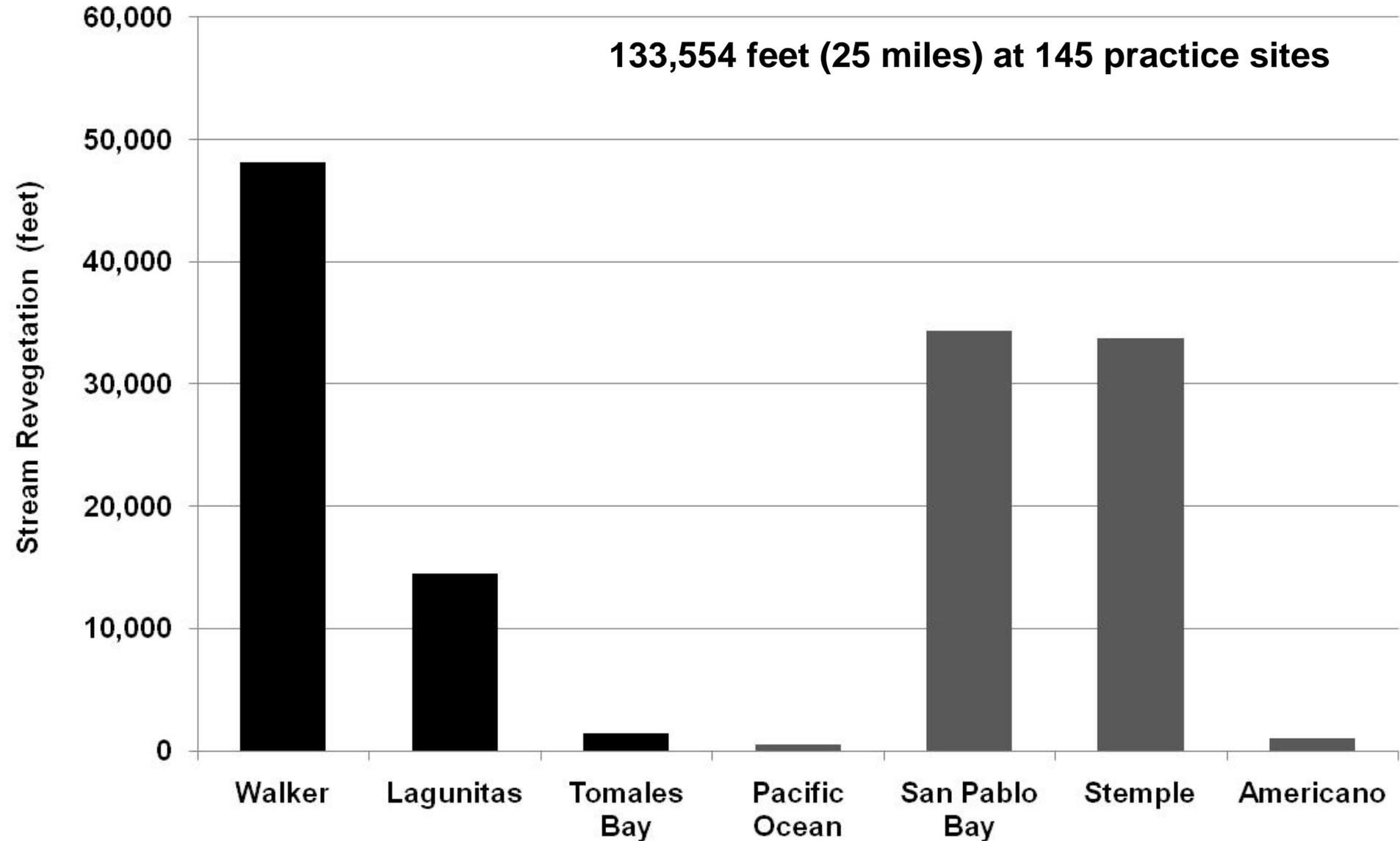
Over 350 Conservation practices completed with RCD

Practices Implemented Annually

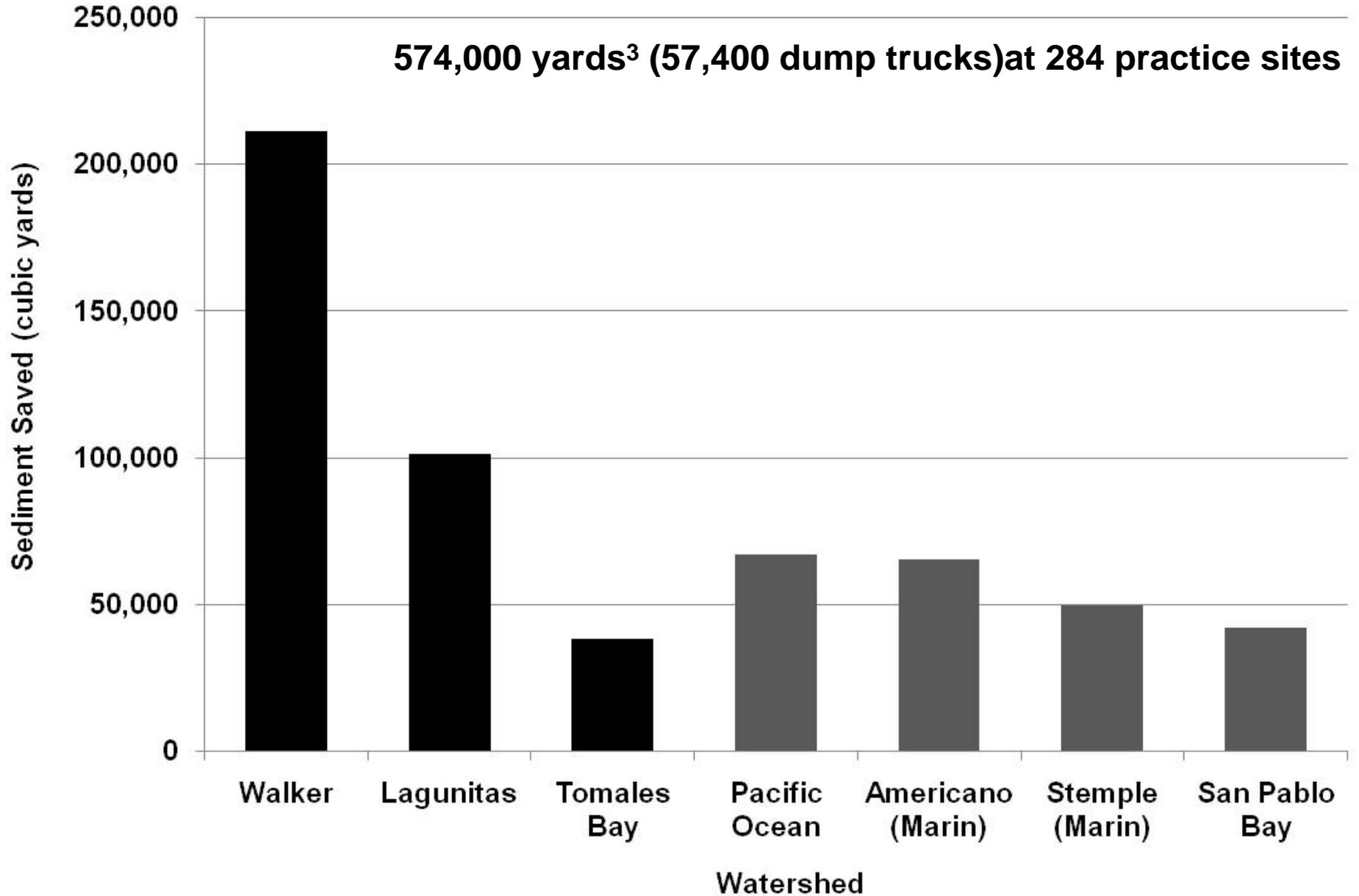


Stream Revegetation

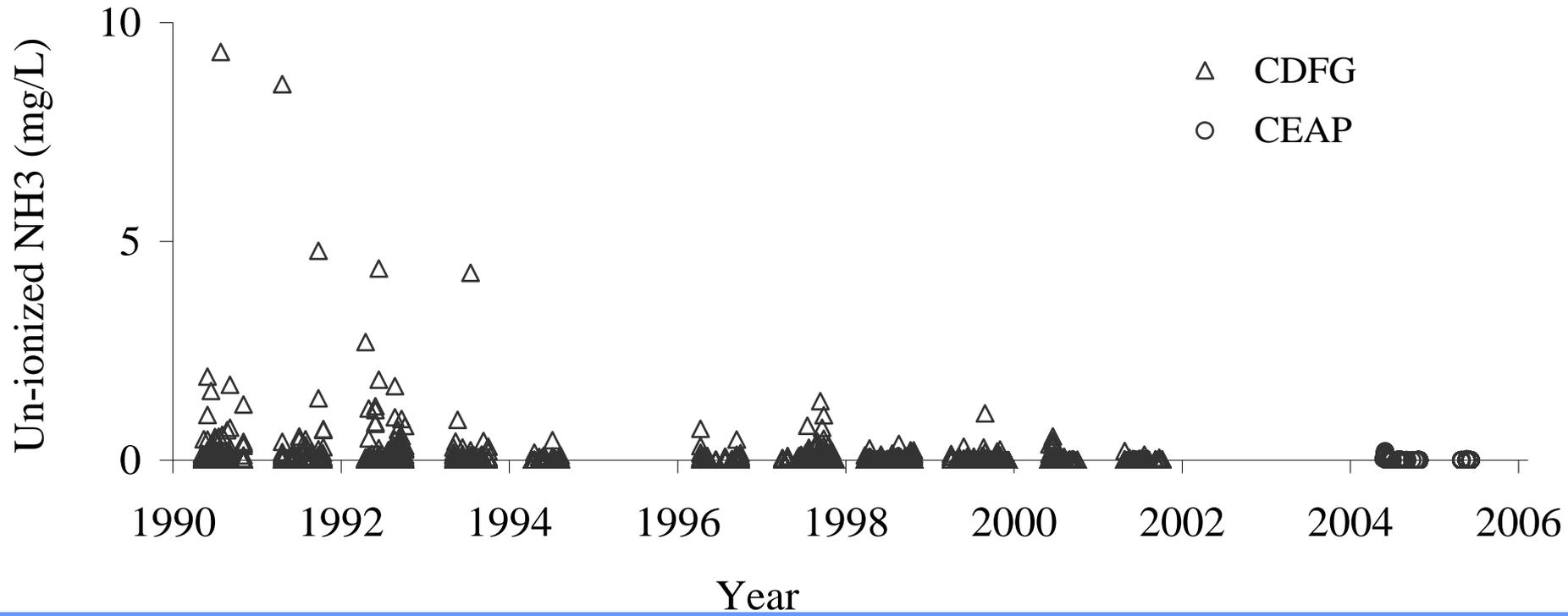
133,554 feet (25 miles) at 145 practice sites



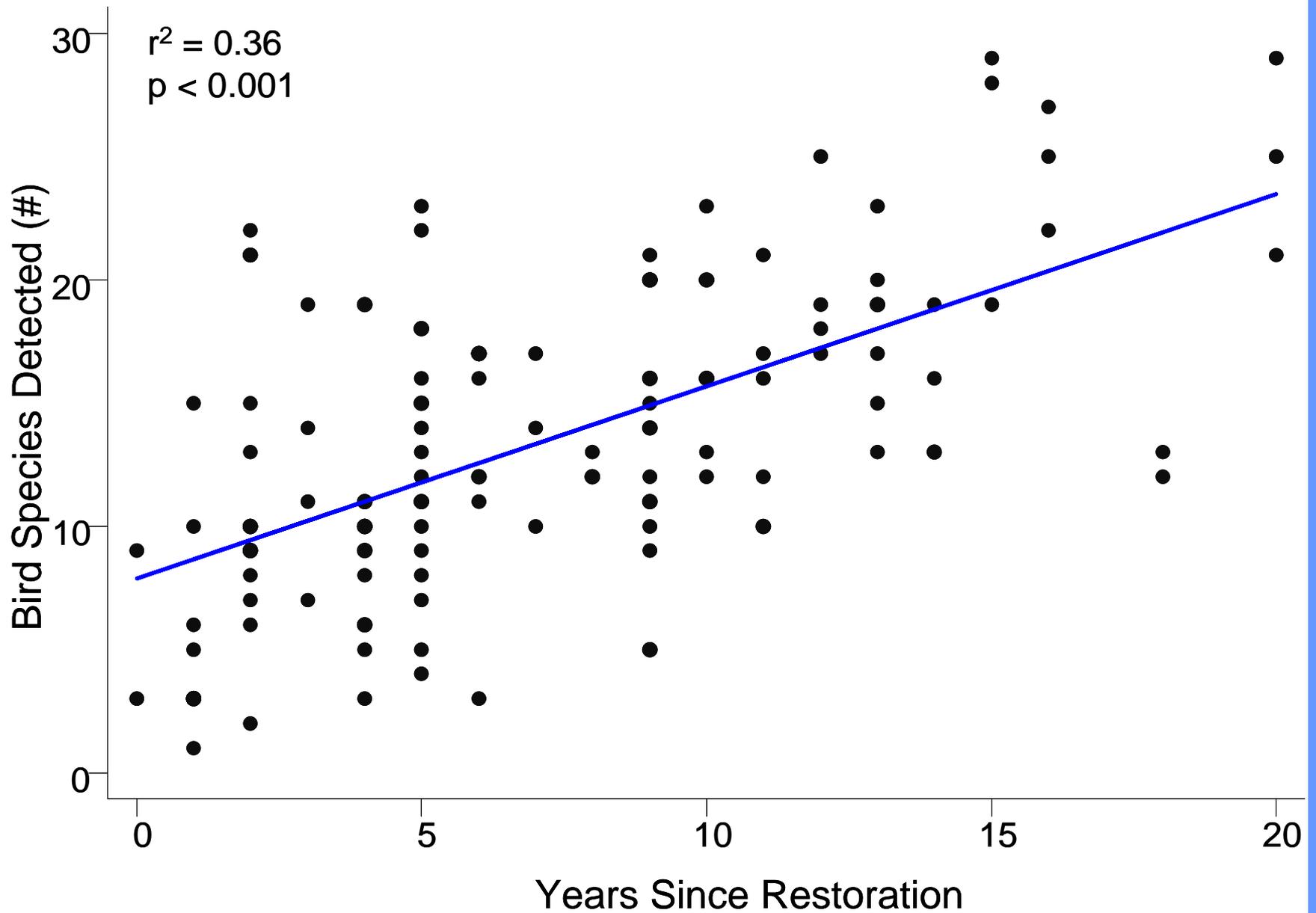
Sediment Saved



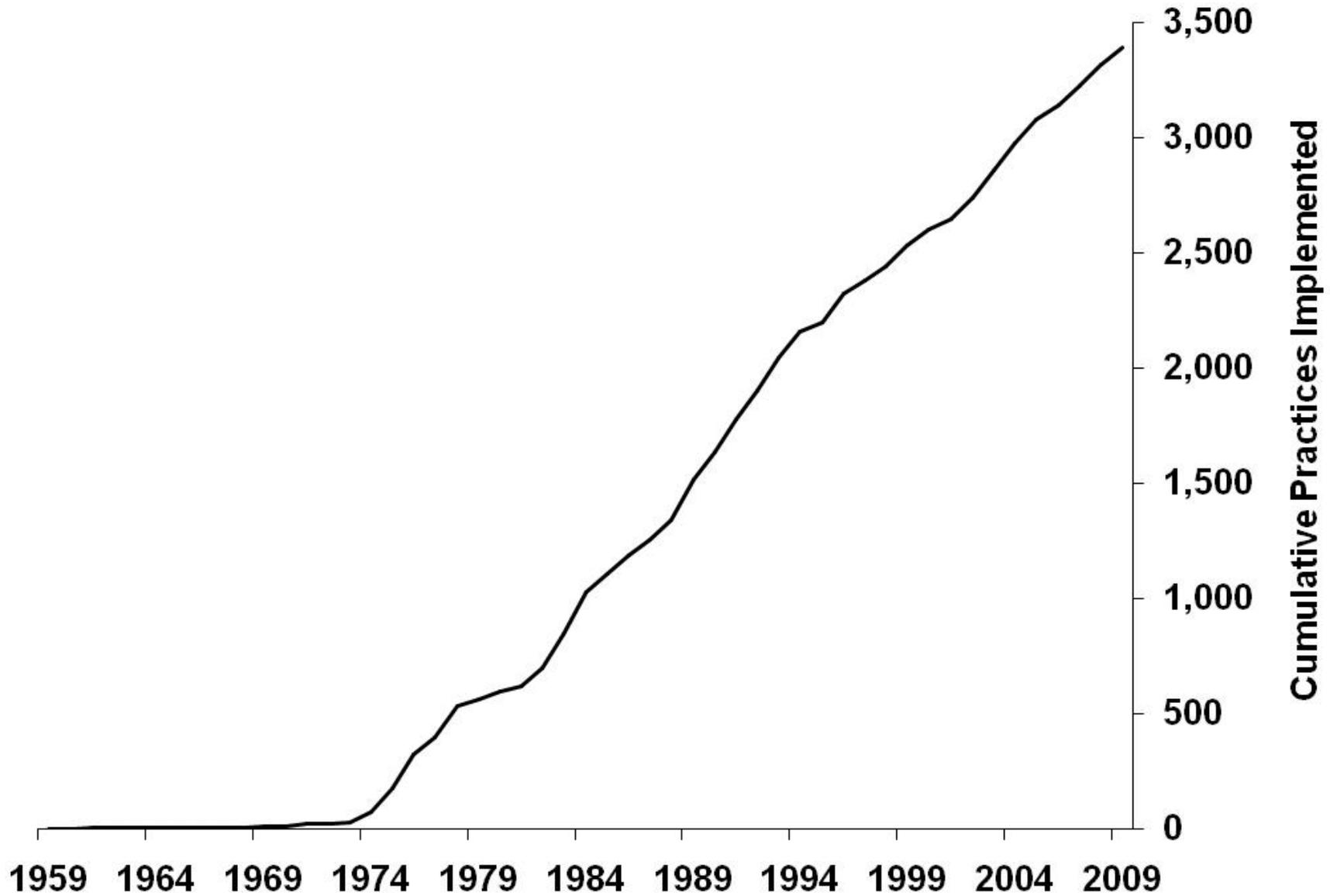
Water Quality



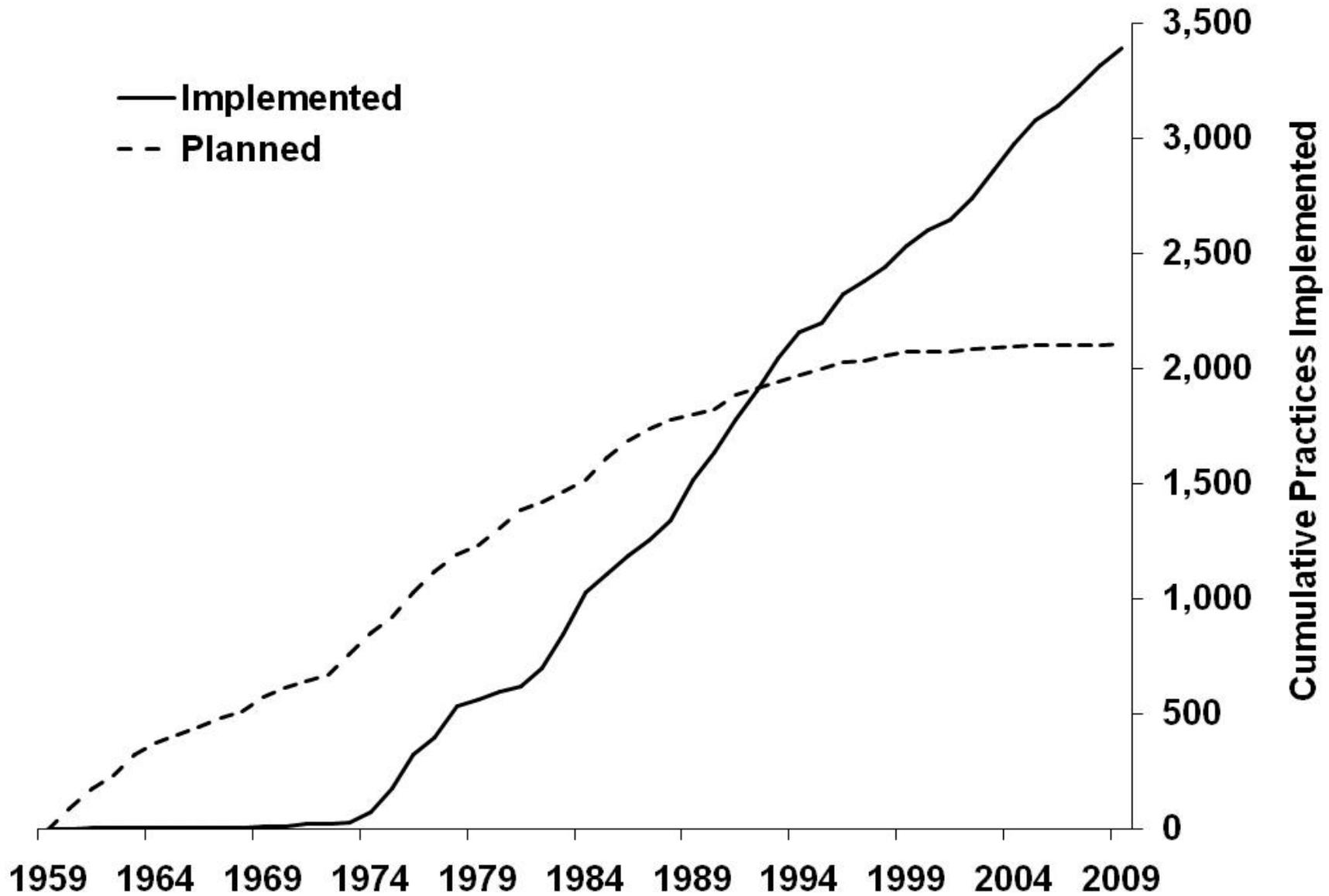
Birds



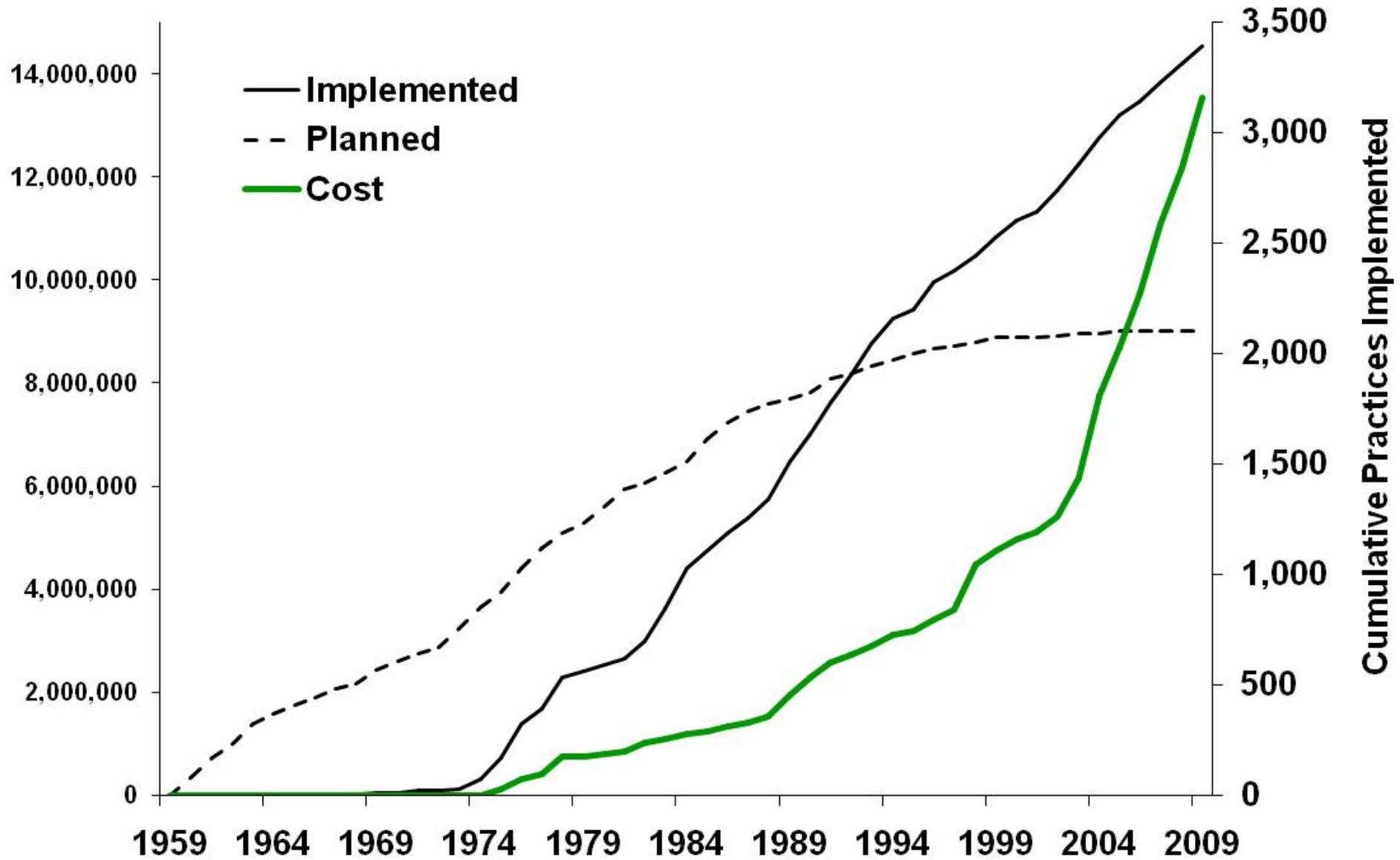
Cumulative Practices Implemented



Cumulative Practices Implemented



Cumulative Practices Implemented



Team Effort



- UC Cooperative Extension – Marin
- USDA Natural Resources
Cons. Service – Sonoma Marin
- Marin Agricultural Land Trust

- PRBO Students and Teachers
Restoring a Watershed (STRAW)
- Point Reyes National Seashore
- Marin Municipal Water District



Project Monitoring and Adaptive Management



Riparian Zone Monitoring Plan

- Construction Inspections
- Photo documentation
- Transects and surveys
- Sediment load estimates

Regional Monitoring and Adaptive Management



Riparian Zone Monitoring Plan

- Landowner surveys
- Vegetation surveys
- Stream shade
- Bird and fish counts

Our Team



Our Team



County of Marin, State Coastal Conservancy, Marin Community Foundation, US Fish and Wildlife Foundation, USDA Natural Resources Conservation Service, CA Dept of Fish and Game, State Water Resources Control Board, American Recovery and Reinvestment Act, Sustainable Conservation and many more...

The Landowner



The Stream



