



Quantify the Effects of Management Actions Designed to Reduce Sediment Loads Using Stream Environment Zones (SEZs)

Project Number	04.01.01.0010		
Action Priority	Conduct Applied Scientific Research		
Implementers	U.S. Forest Service - Pacific Southwest Research Station		
Supporting Agencies	Unknown		
Primary Contact	Pat Manley (pmanley@fs.fed.us)		
Stage	Deferred	Duration	?
Total Project Cost	\$250,000	Funding Request	Unknown

Science Program > Conduct Applied Scientific Research

No Key Photo provided for this Project

Research proposals should aim to develop methods that quantify the direct effects (both benefits and impacts) of SEZ restoration projects to reduce pollutant loads relative to the Lake Tahoe TMDL targets. Research projects should build upon existing datasets, methodologies, and models to the extent feasible and appropriate. Research proposals should address the following: (1) Development of tools and methodologies to quantify the direct effects of SEZ restoration projects in achieving pollutant load reductions targets for the Lake Tahoe TMDL. (2) Identify the capacity of SEZ and stream restoration activities to treat polluted urban stormwater runoff. (3) Identify the origin (i.e., anthropogenic or natural) and quantify the volume of stormwater that directly and indirectly drains into streams. (4) Identify the sources and anthropogenic origin of fine sediment and nutrients that are carried in the stream load and deposited on the floodplain. Research may focus on a particular site, but efforts are encouraged to develop and test methodologies for application at appropriately broad spatial and temporal scales.

Targeted Performance Measures

No Expected Accomplishments provided

Threshold Categories

No Threshold Categories provided

Location



Targeted Funding



■ No Funding Source Identified

Photos

No additional photos provided

Project Fact Sheet Data as of 05/21/2024