

# Developing Biological Objectives for California Streams and Rivers



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**Aquatic  
Bioassessment  
Laboratory**



# What are biological objectives?

Water Quality Standards

Beneficial Uses  
*Aquatic Life*

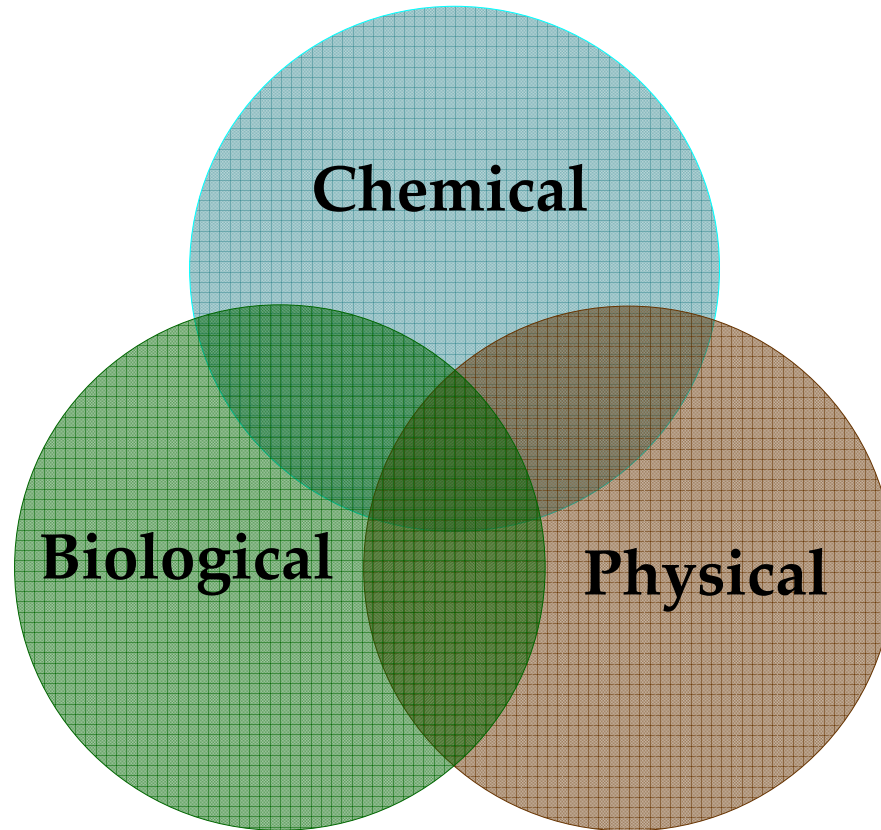
Water Quality Objectives  
*Biological Objectives*

Antidegradation

Implementation  
*305(b), 303(d), Permitting*



# Why biological objectives?



# Technical Infrastructure

Indicators  
Assemblages  
Physical Habitat

Methods  
Field & Lab

Reference  
Condition

Quality Assurance

Data Management

Interpretation

# Regulatory Framework

Narrative  
Objectives

Numeric  
Endpoints

Implementation

# Regulatory Programs

Permitting

303(d)/TMDL

305(b) Assmt

401 Cert

BMP Efficacy