

SOUTH COAST REGION

Humboldt
Baykeeper

Inland Empire
Waterkeeper

Klamath
Riverkeeper

Monterey
Coastkeeper

Orange County
Coastkeeper

Russian
Riverkeeper

San Diego
Coastkeeper

San Francisco
Baykeeper

San Luis Obispo
Coastkeeper

Santa Barbara
Channelkeeper

Santa Monica
Baykeeper

Ventura
Coastkeeper

The South Coast Region extends from Santa Barbara County south to the U.S./Mexican border. The Region consists of 26 different watersheds, including the major watersheds of Santa Monica Bay, the Los Angeles River, the Santa Ana River, and the San Juan watershed.

MAJOR ISSUES

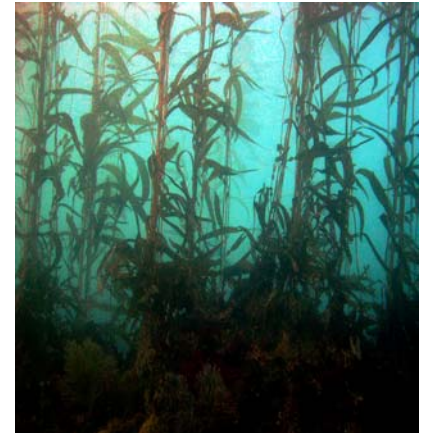
Once-through cooling & desalination. California's coastal and bay-side power plants use antiquated cooling technology that can suck in 16 billion gallons of cold seawater per day to cool plant operations. This "once-through cooling" (OTC) process kills and injures billions of fish, larvae and marine species such as sea lions and turtles annually. The State Water Board is implementing adopted controls on OTC, as required by the Clean Water Act. However, private companies have proposed to co-locate desalination plants with existing OTC pipes, perpetuating harm to marine life long after OTC systems are substituted with modern operations.

Stormwater Runoff. Storm water pours more contaminants into California's coastal waters than any other source of pollution. Storm water from streets and industrial sites carries trash, oil, pesticides, metals other pollutants to our waters. The State Water Board is considering new industrial, Caltrans and municipal stormwater permits in 2011.

MLPA implementation and enforcement. The South Coast Region was the third region to adopt a network of marine protected areas (MPAs) under the Marine Life Protection Act. Now that MPAs have been established, state agencies must enforce these regulations. Protecting these special places is a long-term investment in California's future.

Sea Level Rise. Critical infrastructure, essential coastal habitats, and an estimated \$100 billion in coastal property face inundation if no adaptation actions are taken. However, adaptation strategies remain largely in the planning phase.

Toxic Bottom Paint. The harbors and marinas of Southern California face ongoing threats from toxic biocides in anti-fouling boat bottom paint. Over 42,000 pounds of copper is annually discharged into Newport Harbor from such paints.



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