

What is a California marine protected area (or "MPA")?

An MPA is a type of managed area whose main purpose is to protect or conserve marine life and habitats in ocean or estuarine waters. California's MPA Network consists of 124 areas with varying levels of protection and 14 special closures, all designed to help safeguard the state's marine ecosystems. Most marine conservation areas such as Crystal Cove State Marine Conservation Area provide some opportunity for commercial and/or recreational take (species and gear exceptions vary by location - see reverse).

One goal for California's MPAs was to strategically place them near each other to form an interconnected network that would help to preserve the flow of life between marine ecosystems. Within that network each MPA has unique goals and regulations, and non-consumptive activities, permitted scientific research, monitoring, and educational pursuits may be allowed.

Why was this location chosen for a state marine conservation area?

One of the goals for Crystal Cove State Marine Conservation Area is to protect the sandy seafloor, rocky reef, surfgrass, and kelp forest habitat found there. The conservation area's large surfgrass meadows provide shelter for shrimp, crabs, and young fish. Protected tidepools are rich with sea life, including Kellet's whelks, top snails, anemones, and other intertidal residents. Mole crabs sift and eat plankton from the shallow surf washing over the conservation area's sandy beaches, while California halibut and a variety of flatfish inhabit the deeper sandy seafloor.

Crystal Cove State Marine Conservation Area shares a southern border with <u>Laguna Beach State Marine Reserve</u>. It is one of four consecutive MPAs that together cover approximately 14 square miles of coastal habitat from Corona del Mar State Beach to Dana Point. The conservation area also shares a land-side border with <u>Crystal Cove State Park</u>. Placing a state marine conservation area here provides moderately high levels of protection for marine life and the habitats they use.



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Quick Facts: Crystal Cove State Marine Conservation Area

- MPA size: 3.53 square miles
- Shoreline Span: 4.3 miles
- Depth range: 0 to 245 feet
- Habitat composition: Sand: 2.99 square miles Rock: 1.19 square miles



Further Information:

- MPA Website: www.wildlife.ca.gov/MPAs
- MPA and Sportfishing Interactive Map: <u>www.wildlife.ca.gov/OceanSportfishMap</u>
- Email: <u>AskMarine@wildlife.ca.gov</u>

Photos - Upper: Sandy beach at Crystal Cove State Marine Conservation Area, photo © Jasperdo CC BY-NC-ND 2.0 Lower right: Mole crab at the conservation area. photo © James Maughn CC BY-NC 2.0 Lower left: Horn shark in the conservation area, photo © Nicholas Hess CC BY-NC 2.0

Southern California - Orange County





Crystal Cove State Marine Conservation Area Boundary and Regulations *from* California Code of Regulations Title 14, Section 632

Boundary:

This area is bounded by the mean high tide line and straight lines connecting the following points in the order listed:

33° 35.372' N. lat. 117° 52.645' W. long.(1); 33° 35.065' N. lat. 117° 52.692' W. long.(2); 33° 32.400' N. lat. 117° 49.200' W. long.(3); 33° 33.211' N. lat. 117° 49.200' W. long.(4); and 33° 33.224' N. lat. 117° 49.184' W. long.(5)

Permitted/Prohibited Uses:

1. It is unlawful to injure, damage, take, or possess any living, geological, or cultural marine resource for recreational and/or commercial purposes, with the following specified exceptions:

a. The recreational take of finfish* by hook-and-line or by spearfishing, and spiny lobster and sea urchin is allowed.
b. The commercial take of sea urchin; spiny lobster by trap; and coastal pelagic species** by round haul net, brail gear, and light boat is allowed. Not more than five percent by weight of any commercial coastal pelagic species catch landed or possessed shall be other incidentally taken species.

c. Take pursuant to beach nourishment and other sediment management activities, and operation and maintenance of artificial structures inside the conservation area is allowed pursuant to any required federal, state and local permits, or as otherwise authorized by the Department.

2. Take of all living marine resources from inside tidepools is prohibited. For purposes of this section, tidepools are defined as the area encompassing the rocky pools that are filled with seawater due to retracting tides between the mean higher high tide line and the mean lower low tide line.

* Finfish are defined here as any species of bony fish or cartilaginous fish (sharks, skates and rays).

** Coastal pelagic species are defined here as northern anchovy (Engraulis mordax), Pacific sardine (Sardinops sagax), Pacific mackerel (Scomber japonicus), jack mackerel (Trachurus symmetricus) and market squid (Doryteuthis (Loligo) opalescens).

Take may be authorized for research, restoration, and monitoring purposes under a scientific collecting permit. See California Code of Regulations Title 14, Section 632(a).

The information in this document does not replace the official regulatory language found in the California Code of Regulations Title 14, Section 632. View these regulations online at www.wildlife.ca.gov/Conservation/Marine/MPAs/Network.