

Agency information	Name	Paulo Serpa
	Title	
	Agency	California Department of Fish and Game
	Address	Marine Region 20 Lower Ragsdale Drive #100 Monterey, CA 93940
	Phone numbers	phone (831) 649-7143, fax (831) 649-2917
	Agency web site	
	Role of agency in relation to marine boundaries, rights, interests, restrictions and responsibilities	
	Oversees process for establishing MPA boundaries under CA Marine Life Protection Act.	
	Does your state maintain a central repository of marine data or marine cadastral data?	
	No. However, much data was collected in Marine Map for several coastal regions.	
	Web address of statewide marine data or marine cadastral data repository	

	Marine Entity	Relevant in your state (Y/N)	In digital spatial form (Y/N)	In central repository (Y/N)	Authoritative Source responsible for creating and maintaining data	Known problems or limitations
Marine Cadastral Reference and Supporting Data	A cadastral reference entity is relevant in your state if it exists and/or is used for boundary description and delineation. A cadastral reference network specifies corners of common control. A cadastral reference grid is a cadastral reference network arranged in grid form.					
	Cadastral reference network	Y	N	N		
	Cadastral reference grid	Y	N	N		
	Shoreline – high water	Y	Y	Y	State Lands Commission, USGS	More current and accurate data likely available. Our feature is a coarse representation of the MHHW derived from USGS 7.5' Quad maps
	Shoreline – low water	Y				
	Salient shoreline points (Baseline points)	Y	Y	Y	NOAA Nautical Charts (Previously digitized from RNC now possibly available through ENC)	
	Coastal geodetic control points	Y	Y	Y	NOAA, National Geodetic Survey and cooperating organizations	
	Coastal orthoimagery	Y	Y	N	Various sources (e.g. online image service such as NAIP, etc.)	
	Bathymetry	Y	Y	Y	California Seafloor Mapping Project (CSMP) - http://seafloor.csumb.edu/csmp/csmp.html	Some data gaps for <10m resolution and nearshore <15m depth data exist. CSMP is making substantial progress to close those gaps.

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Marine Jurisdictional Boundaries - Lateral and Seaward	State boundaries	Y	Y	Y	U.S. Bureau of Reclamation, California Department of Conservation, California Department of Fish and Game, California Department of Forestry and Fire protection	
	County boundaries	Y	Y	Y	U.S. Bureau of Reclamation, California Department of Conservation, California Department of Fish and Game, California Department of Forestry and Fire protection	
	Municipal boundaries	Y	Y	N	Various sources from local governments	
	Tribal boundaries	Y	Y	Y	Tribes and U.S. Fish and Wildlife	Sensitive data that is not easily gained through informal request.
Submerged lands and tidelands	All submerged and tidelands	Y	N	N	For proxy, we often use National Wetlands Inventory or NOAA CCAP data	
	Tidelands - MHW to MLW	Y	N	N		
	Submerged Lands - MLW to SLA	Y	N	N		
	* Some states have submerged lands or tidelands classes, for example, class 1 and class 2, filled vs. flowed, or intertidal vs. subtidal.					

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Ownership of Submerged Land Parcels or Tracts in Coastal Waters	Federally owned	Y	Y	Y	BLM	The LND_SurfaceEstate data is a geodatabase illustrating the location of Federal and State managed lands in California and portions northwest Nevada. The data is developed and maintained at the BLM California State Office in Sacramento. The focus of the data development efforts are on accurately depicting the locations of BLM managed lands. Private and non-governmental lands are categorized as unclassified. Other Federal agencies, the State of California, and numerous County governments contribute much of the information and data incorporated into this geodatabase. Data for lands in Nevada were obtained from the Bureau of Land Management, Reno, Nevada.
	State owned	Y	Y	Y	BLM, Various state agencies	see above
	Local government owned	Y	Y	Y	BLM - Public Land Survey System	
	Tribe-owned	Y	Y	Y	Tribes and U.S. Fish and Wildlife	Very sensitive data that is not easily gained through informal request. Requires high level communication.
	Privately owned parcels	Y	Y	N	Counties, data served through LandVision	
	Deed restrictions, easements	Y	N	N		

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Marine Leases and Other Place-based Use Authorizations	Leases and other place-based use authorizations convey some exclusive right at a specified location or within a specified area. The activities listed below, as examples, are relevant in your state if they exist and require leases or other place-based use authorizations. Please customize this list for your state.					
	Oil or gas lease	Y	Y	Y	Mineral Management Service, California State Lands Commission	
	Alternative energy	Y	Y	Y	Federal Energy Regulatory Commission	currently only have wave farm proposal sites
	Sand or gravel	Y	N	N		
	Aquaculture	Y	Y	Y	DFG	Only includes state leases
	Off-shore ports	Y	N	N		off shore? We have coastal and inland ports
	Cables and pipelines	Y	Y	Y	MMS	Currently only have pipelines from MMA and some spotty poorly document cable datasets
	Dredge disposal	Y	Y	Y	NOAA	from NOAA enc
	Sea grass restoration	Y	Y	Y	MMS, DFG	Some surfgrass data from MMS, eelgrass data from DFG, and restoration sites from, some wetland restoration sites in southern California. Data are spotty
	Shellfish restoration	Y	N	N		
	Docks and piers	Y	Y	Y	California Recreational Fisheries Survey, DFG	Only includes docks and piers that are sampled by the fishery surveys
	Marinas	Y	Y	Y	NOAA, DFG	Enc data from NOAA, Ports data from DFG
	Shoreline stabilization	Y	N	N		
	Other shoreline structures (please specify)	Y	N	N		
Non-water-dependent uses	Y	N	N			

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Marine Managed Areas (for study, planning, protection, safety, regulation, and other purposes)	List MMAs appropriate for your state. Marine managed areas are diverse and may include regulated areas, navigation channels, fisheries management zones, marine sanctuaries, research reserves, national or state parks, wildlife refuges, lease blocks, disposal sites, no discharge areas, military restriction zones, speed or safety zones, native fishing rights, aquatic preserves, shellfish closure or growing areas, designated harbors and anchorage areas, pipeline and cable corridors, designated shipping lanes, and marine planning areas.					
	Federal MMAs	Y	Y	Y	See http://mpa.gov/	
	State MPAs	Y	Y	Y	See http://www.dfg.ca.gov/mlpa/maps.asp	
	Other state and federal fishery regulations translated described by spatial extent	Y	Y	Y	DFG, NMFS	limited spatial data created