

Updated Protected Areas GIS Data for California

CPAD v. 1.7 Release Notice

September 19, 2011



Download data and get more information at www.CALands.org

An update to the California Protected Areas Database (CPAD) has just been published by GreenInfo Network (www.GreenInfo.org). CPAD is the only comprehensive, high-resolution, statewide GIS data showing all of California's protected areas, from the smallest urban parks to the largest national park and wilderness areas.

A total of 49,152,000 acres of protected open land are now inventoried in CPAD (just under half of California's total land area) – this total is made up of 53,400 separate holdings or parcels, that are grouped into just over 15,000 units (e.g., a specific named park or preserve), and are owned by 940 governmental agencies, and non-profit and other organizations. CPAD only contains data about lands protected for open space purposes and owned in fee by agencies and organizations. A separate Easement Edition of CPAD will be released in late-2011, containing GIS data on selected easements in the state.

What's New

This version of CPAD continues to refine the database with better parcel alignment, removal of inferior legacy data, and addition of newly protected areas. CPAD 1.7 includes 24 more agencies/organizations than CPAD 1.6, including a net increase of over 65,000 acres of protected areas. It has roughly 550 more Holdings and 180 more Units than version 1.6.

What YOU Can Do to Improve CPAD

Review CPAD data and propose edits or additions using **MapCollaborator™**, an innovative web application that now includes automatic tracking and email notifications of comments received, available at <http://www.calands.org/review.php>

Subscribe to the CPAD Newsletter

Stay in touch with CPAD updates and related program information by subscribing to the periodic **CPAD Newsletter** at www.CALands.org (we don't sell or trade your email address, ever).

CPAD 1.7 Supporters:

The updates in CPAD 1.7 were supported in part by a contract from Calif. Department of Parks and Recreation, the Resources Legacy Fund and additional support from Pacific Gas & Electric Co. Thanks to these agencies for their help.

DOWNLOAD CONDITIONS: CPAD is freely available for **non-commercial uses** – see the **CPAD License Agreement** for details (agreement is on www.calands.org, along with a detailed manual on the data set). CPAD may not be used or repackaged in profit-making applications (web sites, data packages, etc.) without specific consent from GreenInfo Network, but may be freely used by public agencies, nonprofits, businesses and individuals for most other purposes.

USES OF CPAD: The protected areas data is suitable for general planning and analysis by government agencies, non-profits, private businesses, planning consultants and many other users, including individuals with access to GIS technology. The public web site www.ParkInfo.org allows any user with Internet access to find and view interactive maps of publicly accessible protected areas.

NOT OFFICIAL OWNERSHIP DATA: CPAD data is not a replacement for and does not override official land ownership data for any individual agency – users needing the most up to date, or official boundaries must contact relevant agencies for that information. CPAD data may not be fully up to date or accurate in relation to owning agency data and is provided “as-is” to users.

NATIONAL PROGRAM: CPAD is also an element in a national program to improve protected land inventories – learn more about the Protected Areas Database of the United States (PAD-US, of which CPAD is a part) at the US Geological Survey’s Gap Analysis Program web site (<http://gapanalysis.usgs.gov>).

FUNDING AND FUTURE UPDATES: CPAD is updated as funding becomes available – there is currently no dedicated source of ongoing support for CPAD, so additions and corrections are limited to funding opportunities.

If your agency, organization or foundation would like to join with GreenInfo Network to ensure that CPAD is maintained into the future, please contact GreenInfo Network (email to: cpad@calands.org).

POSTER MAP : A statewide map showing the CPAD is available as a PDF download at www.CALands.org. Printed copies of this 20”x30” high resolution map can be ordered at varying sizes through ImageKind at: <http://bit.ly/pTmdP3>



CALIFORNIA'S TOP 50 PROTECTED AREAS OWNERS – September 2011

AGENCY	ACRES	RANK
United States Forest Service	20,794,886	1
United States Bureau of Land Management	15,172,171	2
United States National Park Service	7,625,360	3
California Department of Parks and Recreation	1,344,082	4
California Department of Fish and Game	634,061	5
California State Lands Commission	540,428	6
Los Angeles - Dept. Water and Power, City of	402,247	7
United States Fish and Wildlife Service	336,823	8
United States Bureau of Reclamation	251,921	9
The Nature Conservancy	183,791	10
The Wildlands Conservancy	128,386	11
Imperial Irrigation District	103,369	12
East Bay Regional Park District	89,040	13
California Dept. of Forestry and Fire Protection	72,437	14
California Department of Water Resources	70,940	15
San Diego, City of	66,759	16
San Francisco - Public Utilities Commission	62,659	17
Midpeninsula Regional Open Space District	54,331	18
Santa Clara County Parks and Recreation Dept.	45,192	19
United States Army Corps of Engineers	43,714	20
Santa Catalina Island Conservancy	42,266	21
Vista Irrigation District	40,961	22
The Conservation Fund - California	40,921	23
San Diego, County of	36,182	24
Orange, County of	36,175	25
Mountains Recreation and Conservation Authority	30,124	26
University of California	30,094	27
East Bay Municipal Utility District	26,736	28
Riverside, County of	23,664	29
Marin Municipal Water District	21,446	30
Los Angeles, City of	18,804	31
Contra Costa Water District	18,728	32
San Luis Obispo, County of	18,052	33
Metropolitan Water District of Southern California	17,508	34
Marin County Open Space District	15,549	35
Monterey Peninsula Regional Park District	15,245	36
National Audubon Society	14,693	37
Los Angeles, County of	14,364	38
Peninsula Open Space Trust	13,771	39
Sonoma Land Trust	13,572	40
San Mateo County Parks and Recreation Dept.	13,475	41
California Rangeland Trust	12,786	42
Santa Clara County Open Space Authority	12,648	43
Central Valley Flood Protection Board	12,580	44
Other State	12,464	45
Monterey Co. Water Resources Agency	12,460	46
United States Department of Defense	12,209	47
Center for Natural Lands Management	10,956	48
Santa Lucia Conservancy	10,615	49
Solano Land Trust	9,317	50

Does not include easement acres

(The Trust for Public Land temporarily holds 11,064 acres but is not included here)

CPAD 1.7 PROTECTED AREAS, COUNTY ACRES BY ACCESS TYPE – September 2011

County	Open	Restricted	Closed	Unknown	Total
Alameda	68,511	42,844	4,357		115,712
Alpine	436,984	6,586			443,570
Amador	88,132	53			88,184
Butte	184,574	36,283			220,857
Calaveras	134,677	6,986			141,662
Colusa	108,906	12,873	2,223	352	124,354
Contra Costa	87,022	32,181	12,292	14	131,510
Del Norte	494,841	6,139	14		500,994
El Dorado	579,835	1,326	930		582,091
Fresno	1,523,944	20,327	30	959	1,545,259
Glenn	221,426	12,208	10,436	575	244,645
Humboldt	580,855	16,735	94		597,684
Imperial	1,548,261	10,309	31,639		1,590,208
Inyo	6,003,010	2,528		604	6,006,143
Kern	1,122,764	171,814	14,566	3,573	1,312,716
Kings	10,424				10,424
Lake	391,153	6,093		147	397,393
Lassen	1,737,310	43,174			1,780,483
Los Angeles	818,870	45,377	6,059	6,870	877,174
Madera	512,545	474		621	513,640
Marin	139,942	17,359	5,942		163,243
Mariposa	502,071	120	899		503,090
Mendocino	391,409	9,205	40,915	351	441,880
Merced	41,613	62,365	7,279		111,257
Modoc	1,674,731	52,924			1,727,655
Mono	1,846,147	18,162	113	48	1,864,469
Monterey	407,127	22,295	20,555	1,229	451,207
Napa	76,603	40,781	8,802	2,874	129,060
Nevada	219,234	9,225	686		229,145
Orange	109,636	18,114	59	1,037	128,846
Placer	407,723	241	2,735		410,699
Plumas	1,202,356	3,629		1,223	1,207,207
Riverside	2,680,979	144,933	17,657	17,377	2,860,945
Sacramento	27,272	20,266	880	7,211	55,630
San Benito	112,925				112,925
San Bernardino	8,450,855	186,212	805	3,514	8,641,386
San Diego	1,239,214	58,916	15,258	2,793	1,316,181
San Francisco	5,637	9	110		5,755
San Joaquin	4,148	1,559	9,168		14,874
San Luis Obispo	477,992	41,993	5,304		525,289
San Mateo	48,539	41,846	17,682	17	108,084
Santa Barbara	665,645	133,526	1,464	3,200	803,835
Santa Clara	139,496	38,441	11,883	681	190,502
Santa Cruz	62,316	5,020	18,238	409	85,983
Shasta	1,022,851	2,310	21		1,025,183
Sierra	430,199	18,798			448,997
Siskiyou	2,534,658	24,067	5,829		2,564,554
Solano	15,300	25,235	11,010		51,546
Sonoma	61,593	32,263	14,398	311	108,565
Stanislaus	44,855	8,205	29,502	5	82,566
Sutter	805	10,107	2,704	5	13,620
Tehama	456,174	87,519	1,439	12	545,144
Trinity	1,559,463	618			1,560,081
Tulare	1,529,226	10,936	8,767	1,846	1,550,774
Tuolumne	1,101,978	2,553		337	1,104,869
Ventura	635,474	3,846	3,268	624	643,212
Yolo	35,818	19,310		7,499	62,627
Yuba	55,686	19,354	4	1,445	76,489
Grand Total	47,071,731	1,666,571	346,015	67,760	49,152,077