

A: ASSETS AT RISK

The assets addressed in the plan are citizen and firefighter safety, watersheds and water, timber, wildlife and habitat (including rare and endangered species), unique areas (scenic, cultural, and historic), recreation, range, structures, and air quality. As part of the overall fire plan process, assets will be addressed at two levels. First, generalized assets at risk need to be identified within the County to indicate what areas contain highly valuable assets. The areas with the highest combined asset values and fire risk are then targeted for fire plan projects, particularly where such projects will reduce damage should a fire start in the project area during high fire hazard weather.

Second, as potential projects are identified, a subjective analysis will determine the degree to which the projects will reduce potential suppression costs and damage to assets. The asset framework and validation process will be refined as stakeholders are identified and are participating in the fire plan process. Diverse agencies have played a vital role in identifying the assets within Los Angeles County. Knowledge of the types and magnitudes of assets at risk to wildland fire, as well as their locations, are critical to fire protection planning. Given the limits on fire protection resources, they should be allocated, in part, based on the magnitude of the assets being protected.

Knowledge of assets at risk is necessary to choose those pre-fire management projects that will provide the greatest benefit for a given amount of investment. At this stage of development of the Fire Plan, the County of Los Angeles Fire Department's primary concern is reducing the fire risk and potential loss of the various assets described herein to provide for the safety and protection of life, property and the environment while reducing suppression costs.

The primary purpose of wildfire protection in Los Angeles County is to protect this wide range of assets. Los Angeles County's priority Values/Assets at Risk include:

- Public and firefighter safety
- Structures
- Vital infrastructure (power lines, gas lines, highways, roads, etc.)
- Agriculture, range
- Recreation
- Water and watershed
- Air quality
- Soil erosion
- Cultural and historic resources
- Unique scenic areas
- Wildlife and habitat (including rare and endangered species)

Public and firefighter safety is paramount. As development continues and expands into the wildland urban interface, it becomes more and more difficult to provide protection against the threat of wildfire.



Assets at Risk Table

<i>ASSET AT RISK</i>	<i>PUBLIC ISSUE CATEGORY</i>	<i>LOCATION AND RANKING METHODOLOGY</i>
FIRE FLOOD WATERSHEDS	PUBLIC SAFETY, PUBLIC WELFARE	WATERSHED WITH A HISTORY OF PROBLEMS OR PROPER CONDITIONS FOR FUTURE PROBLEMS. RANKS ARE BASED ON AFFECTED DOWNSTREAM POPULATIONS
SOIL	ENVIRONMENT	WATERSHED RANKED BASED ON EROSION POTENTIAL
WATER SUPPLY	PUBLIC HEALTH	1) WATERSHED AREA UP TO 20 MILES FROM WATER SUPPLY FACILITY (HIGH RANK); 2) GRID CELLS CONTAINING DOMESTIC WATER DIVERSIONS, RANKED BASED ON NUMBER OF CONNECTIONS; 3) CELLS CONTAINING DITCHES THAT CONTRIBUTE TO THE WATER SUPPLY SYSTEMS (HIGH RANK)
SCENIC VALUE	PUBLIC WELFARE	FOUR MILE VIEWSHED AROUND SCENIC HIGHWAYS, RANKED BASED ON POTENTIAL IMPACT TO VEGETATION TYPES (TREE VERSUS NON-TREE TYPES)
AIR QUALITY	PUBLIC WELFARE, PUBLIC HEALTH, ENVIRONMENT	POTENTIAL DAMAGES TO HEALTH, MATERIALS, VEGETATION AND VISIBILITY; RANK BASED ON VEGETATION TYPE AND AIR BASIN
HISTORIC BUILDING	PUBLIC WELFARE	FROM STATE OFFICE OF HISTORIC PRESERVATION; RANKED BASED ON FIRE SUSCEPTABILITY
RECREATION	PUBLIC WELFARE	UNIQUE RECREATION AREAS OF AREAS WITH POTENTIAL DAMAGE TO FACILITIES, RANK BASED ON FIRE SUSCEPTABILITY
STRUCTURES	PUBLIC WELFARE, PUBLIC SAFETY	RANK BASED ON HOUSING DENSITY AND FIRE SUSCEPTABILITY
NON-GAME WILDLIFE	PUBLIC WELFARE, ENVIRONMENT	CRITICAL HABITATS AND SPECIES LOCATION BASED ON INPUT FROM CALIFORNIA DEPT. OF FISH AND GAME AND OTHER STAKEHOLDERS
GAME WILDLIFE	PUBLIC WELFARE, ENVIRONMENT	CRITICAL HABITATS AND SPECIES LOCATION BASED ON INPUT FROM CALIFORNIA DEPT. OF FISH AND GAME AND OTHER STAKEHOLDERS
INFRASTRUCTURE	PUBLIC WELFARE, PUBLIC SAFETY	INFRASTRUCTURE FOR DELIVERY OF EMERGENCY AND OTHER CRITICAL SERVICES (IE. REPEATER SITES, TRANSMISSION LINES)

California's Forests and Rangelands: 2010 Assessment

The *California's Forests and Rangelands: 2010 Assessment* (<http://frap.cdf.ca.gov/assessment2010.html>) produced a variety of GIS data layers identifying assets, threats, and priority landscapes (combinations of assets and threats into priorities). The data from the 2010 Assessment assists the County assess these values at risk and aid in the design of mitigation activities to address these risks.

California's Forests and Rangelands: 2010 Assessment identified a variety of "Priority Landscapes" that are applicable to all areas of California.

Based on the Priority Landscapes developed by the Assessment, eleven (11) landscapes are considered as immediate priorities for Los Angeles County. The following best identify Los Angeles County's current problems, problem areas and potential strategies:

1. Community Wildfire Planning
2. Population Growth and Development Impact
3. Preventing Wildfire Threats to Maintain Ecosystem Health
4. Restoring Wildfire Impacted Areas to Maintain Ecosystem Health
5. Preventing Wildfire Threats for Community Safety
6. Water Quality
7. Water Supply
8. Conserving Green Infrastructure
9. Managing Green Infrastructure
10. Threats to Forest Carbon from Wildfire, Insects and Disease
11. Threats to Forest Carbon from Development

These priorities are displayed in Exhibits 11-21.

From the Priority Landscapes the following Assets at Risk are identified as the highest concerns and should be addressed first:

- **Structures, Major Roads and Transmission Lines** – as threatened from wildfire. The value of housing, as measured by density, with susceptibility to loss (exposure). Power delivery and communications sites susceptible to extended loss of service due to fire or the simple interruption of these services is a public safety as well as a public welfare issue.
- **Ecosystems** – as threatened by localized development and landscape level development. Based on potential ecological damage from a severe fire event, areas can diverge significantly due both and localized development the historic fire return interval and localized development resulting in fuel conditions that could promote ecological damage (e.g. mortality within larger tree sizes, soil impacts).
- **Water Supply, Water Quality** – as threatened by wildfire and the effects of wildfire on soil surfaces, threats to and from localized development, watersheds and climate changes. Watersheds can burn in the dry season and then discharge torrents of debris into downstream-populated plains during severe storms in following wet seasons. Historically, California's South Coastal Plain has suffered the worst effects of the flood-fire sequence; because it has the greatest concentration of fire prone, high debris producing watersheds that discharge into populated areas. Impacts include damage to downstream values such as homes, roads, debris basins, and other infrastructure.

B: COMMUNITIES AT RISK

	<u>Place Name</u>	<u>County Name</u>	<u>Federal Threat</u>	<u>Federally Regulated</u>	<u>Year</u>
1	Acton	Los Angeles	✓	✓	2001
2	Agoura	Los Angeles	✓		2001
3	Agoura Hills	Los Angeles	✓	✓	2001
4	Agua Dulce	Los Angeles	✓	✓	2001
5	Altadena	Los Angeles	✓	✓	2001
6	Arcadia	Los Angeles		✓	2001
7	Azusa	Los Angeles		✓	2001
8	Beverly Hills	Los Angeles		✓	2001
9	Big Rock Springs	Los Angeles	✓	✓	2001
10	Bradbury	Los Angeles		✓	2001
11	Burbank	Los Angeles			2001
12	Calabasas	Los Angeles	✓		2001
13	Castaic	Los Angeles			2001
14	Claremont	Los Angeles		✓	2001
15	Cornell	Los Angeles	✓		2001
16	Covina	Los Angeles			2001
17	Del Sur	Los Angeles			2001
18	Del Valle	Los Angeles			2001
19	Desert View Highlands	Los Angeles			2001
20	Diamond Bar	Los Angeles		✓	2001
21	Duarte	Los Angeles		✓	2001
22	El Nido	Los Angeles	✓		2001
23	Elizabeth Lake	Los Angeles	✓	✓	2001
24	Fernwood	Los Angeles	✓		2001
25	Glendale	Los Angeles		✓	2001
26	Glendora	Los Angeles		✓	2001
27	Glenview	Los Angeles	✓		2001
28	Gorman	Los Angeles	✓		2001
29	Green Valley	Los Angeles	✓	✓	2001
30	Hacienda Heights	Los Angeles			2001
31	Hidden Hills	Los Angeles			2001
32	Juniper Hills	Los Angeles	✓	✓	2001

33	Kagel Canyon	Los Angeles	✓	✓	2001
34	La Canada Flintridge	Los Angeles		✓	2001
35	La Crescenta-Montrose	Los Angeles	✓	✓	2001
36	La Habra Heights	Los Angeles		✓	2001
37	La Verne	Los Angeles		✓	2001
38	Lake Hughes	Los Angeles	✓	✓	2001
39	Lake Los Angeles	Los Angeles			2001
40	Lancaster	Los Angeles		✓	2001
41	Lang	Los Angeles	✓	✓	2001
42	Leona Valley	Los Angeles	✓	✓	2001
43	Littlerock	Los Angeles		✓	2001
44	Llano	Los Angeles			2001
45	Longview	Los Angeles	✓	✓	2001
46	Los Angeles	Los Angeles		✓	2001
47	Malibu	Los Angeles	✓		2001
48	Malibu Bowl	Los Angeles	✓		2001
49	Malibu Vista	Los Angeles	✓		2001
50	Mint Canyon	Los Angeles	✓	✓	2001
51	Monrovia	Los Angeles		✓	2001
52	Monte Nido	Los Angeles	✓		2001
53	Neenach	Los Angeles			2001
54	Oban	Los Angeles	✓	✓	2001
55	Olive View	Los Angeles	✓	✓	2001
56	Palmdale	Los Angeles	✓	✓	2001
57	Palmdale East	Los Angeles	✓		2001
58	Palos Verdes Estates	Los Angeles	✓		2001
59	Pasadena	Los Angeles		✓	2001
60	Pearblossom	Los Angeles			2001
61	Pico	Los Angeles	✓		2001
62	Point Dume	Los Angeles	✓	✓	2001
63	Pomona	Los Angeles	✓	✓	2001
64	Quartz Hill	Los Angeles			2001
65	Rancho Palos Verdes	Los Angeles	✓		2001
66	Ravenna	Los Angeles	✓	✓	2001
67	Rolling Hills	Los Angeles			2001

68	Rolling Hills Estates	Los Angeles			2001
69	Rowland Heights	Los Angeles	✓	✓	2001
70	San Dimas	Los Angeles		✓	2001
71	San Fernando	Los Angeles		✓	2001
72	Santa Clarita	Los Angeles		✓	2001
73	Saugus-Bouquet Canyon	Los Angeles	✓	✓	2001
74	Seminole Hot Springs	Los Angeles	✓		2001
75	Sierra Madre	Los Angeles	✓	✓	2001
76	Sleepy Valley	Los Angeles	✓	✓	2001
77	South Pasadena	Los Angeles			2001
78	Stevenson Ranch	Los Angeles	✓		2001
79	Sun Village	Los Angeles		✓	2001
80	Sylvia Park	Los Angeles	✓		2001
81	Three Points	Los Angeles	✓		2001
82	Topanga	Los Angeles	✓		2001
83	Topanga Park	Los Angeles	✓		2001
84	Val Verde	Los Angeles	✓	✓	2001
85	Valyermo	Los Angeles	✓	✓	2001
86	View Park-Windsor Hills	Los Angeles			2001
87	Vincent	Los Angeles			2001
88	Walnut	Los Angeles			2001
89	West Covina	Los Angeles			2001
90	Westlake Village	Los Angeles	✓	✓	2001
91	Whittier	Los Angeles			2001
92	Wilsona Gardens	Los Angeles	✓	✓	2001

Data source: California Fire Alliance http://www.cafirealliance.org/communities_at_risk/communities_at_risk_list