



Earth, Wind & Fog

Urban Forest Defensible Space

2013 California Fire Code
California Code of Regulations Title 19

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2013 California Fire Code

- *Section 304.1.2 Vegetation - ignitable vegetation shall be removed.
- *304.1.2 Vegetation - also points to California Code of Regulations Title 19 (Title 19) Section 3.07(b)

Title 19

* Section 307(b) states:

*1) Maintain around and adjacent to such building or structure a **firebreak** made by removing and clearing away, for a distance of not less than **30 feet** on each side thereof or to the property line, whichever is nearer, all flammable vegetation or other combustible growth.*

Title 19 (cont.)

- * For *extra hazardous conditions*, the enforcing agency may require additional fire protection or a firebreak 30 feet to *100 feet* from buildings, structures, or property line, whichever is nearer.
- * *Grass and other vegetation* located *more than 30 feet* from such building or structure and *less than 18 inches* in height above the ground may be maintained where necessary to stabilize the soil and prevent erosion.

Title 19 (cont.)

- * There are additional provisions for chimneys, dead portions of trees, and dead matter on roofs.*
- * Grass and other vegetation located more than 30 feet from such building or structure and less than 18 inches in height above the ground may be maintained where necessary to stabilize the soil and prevent erosion.*

Pioneer's Vision

- * Adolph Sutro planted trees to create green spaces for the barren San Francisco landscape of the 1880's.
- * These legacy forests must be studied to understand how to maintain them for their health and future sustainability.



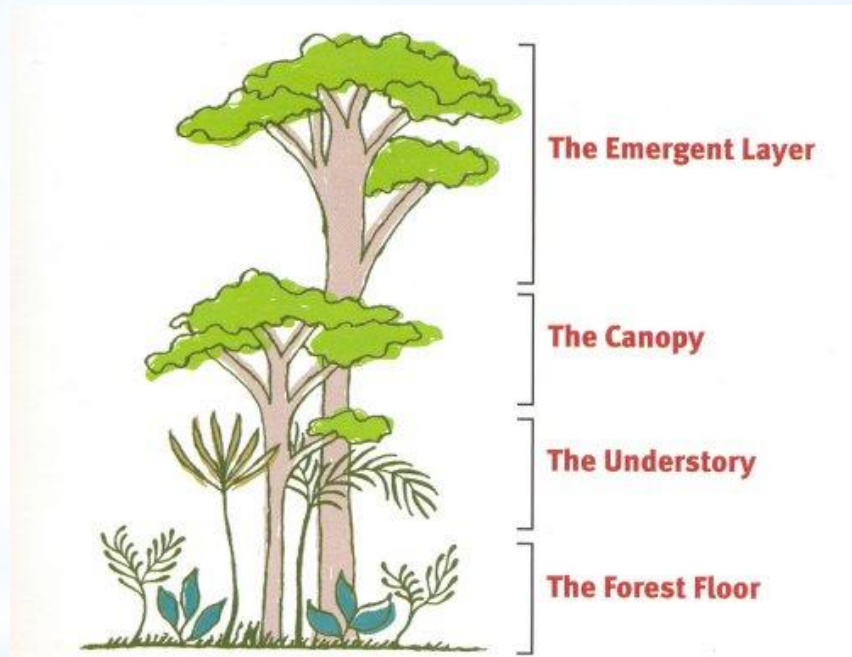
Wildfire Conditions

- * Understanding wildfire weather conditions is also paramount in keeping these forests for citizens and visitors of San Francisco.
- * Having humidity, wind, and soil moisture data for all forest locations will aid in the determination of the fire hazard not only to the forest but also to buildings in and surrounding the forests.



Next Steps

- * Until the data and general health of all layers of the forest can be reviewed, it is hard to understand how to maintain the health and safety of our forests.





Mt Sutro at sunrise by Lori Dambrosio - <http://sutroforest.com/>

Thank you