Urban Forest Management Planning Process Overview

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Benefits of Urban Trees

- **Trees increase economic development**
- **Trees reduce surface water runoff rates and volume.**
- **Trees increase property values**
- **Trees increase energy-conservation benefits.**
- **Trees are oxygen producers and clean the air.**
- **Trees reduce noise pollution.**
- **Trees provide wildlife habitat and diversity.**
- **Trees provide a buffer between different land uses.**
- **Trees provide aesthetic screening.**
- **Trees are good for our health.**

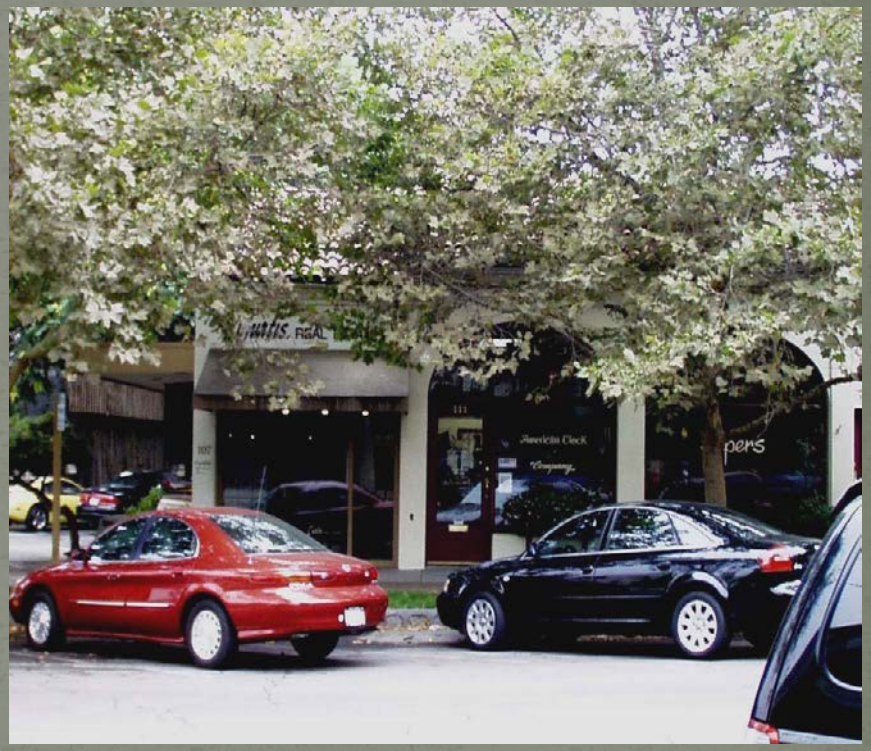
Benefits of Trees-Increased Property Value

- Real estate with trees can command up to 20% higher values
- Office and industrial sites that include mature trees are in greater demand and earn higher sales and rental values.
- Houses on tree-lined streets can command higher prices than houses in more barren areas.

Benefits of Trees-Economic Development

In tree-lined commercial districts…

- More frequent shopping
- Longer shopping trips
- Shoppers spend more for parking
- Shoppers spend 12% more for goods



Benefits of Trees-Energy Use

Proper tree plantings around buildings can slow winter winds and reduce annual energy use for house heating.

- Save up to 30% of annual air conditioning costs
- Save 10-25% of winter heating costs

What are your communities' urban forestry goals and objectives?

- Create a safe and attractive environment
- Maintain or enhance urban forest cover
- Respond to the community's needs and requests
- Maximize the well-being of residents and visitors
- Minimize hazards to life and property
- Improve coordination of management activities with other associations, neighborhoods, departments or offices.
- Establish measurable and long-term goals and objectives

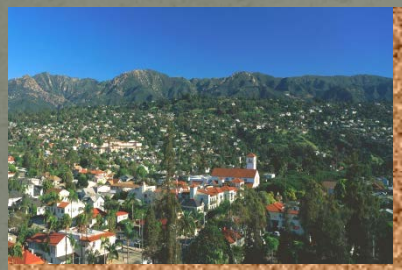
The Need for an Urban Forest Management Plan?

- By developing a plan and a vision, a community can guide and monitor its activities to determine if a sustainable urban forest is being achieved
- Provides cost effective approach for managing public trees
- The plan describes a communities trees and how they are managed to attain goals.

Introduction

- The plan is key to the effective management of a program.
- A plan can be considered as a predetermined course of action.
- The establishes focus and directions.
- All plan have similar components
  - Vision or desired future condition
  - Goals and objectives
  - Guiding principles
  - Identify and involve stakeholders
  - Framework for identifying & resolving issues
  - Gathering and analyzing information
  - Action plan with a timeline
  - Monitoring, evaluation and a feedback loop

Components of an Urban Forest Management Plan



What do we have?

What do we want?

How do we get what we want?

Are we getting what we want?

Feedback

What do we have?

- Historical Background
- Current situation
- Assess your people, funding and time
- Determine the scope of the assessment based on the communities vision and objectives.
- The urban forest resource (via the urban forestry inventory)

What do we want?

1. **Needs of the community**
2. **Goal**
   - **Community consensus of goals and objectives,**
   - **The scope of work and the project timeline,**
   - **Potential funding opportunities**
   - **Data from your resource assessment that supports your goals and objectives could be in the form of :**
   - **Maps**
   - **Planting sites and their attributes (Location, size, utility conflicts, soil pH, etc.)**
   - **Hazardous trees**
   - **Trees requiring maintenance: pruning, staking, mulching, watering, removal**
   - **List of potential resources: (community volunteers, government and private technical assistance, grants, etc.)**

How do we get what we want?

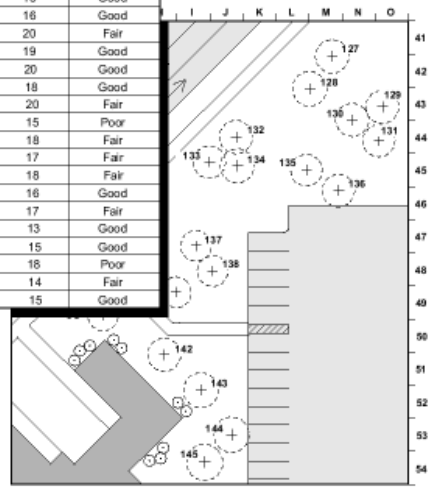
- Share the plan with the community
- Prioritize which objectives and options need to be achieved first
- Develop action items and specific steps to support goals and objectives
- Set priorities for work projects based upon information generated by the inventory, recommendations from technical advisor, and available funding,
- Apply for grants where appropriate, or ear mark community funds for specific projects
- A work agenda based on community agreement that is reasonable and feasible

Are we getting what we want?

- How effective is the plan?
- Monitor and evaluate
- Take corrective measures

NUMBER	GRID LOCATION	COMMON NAME	BOTANICAL NAME	SIZE (in. DBH)	CONDITION
127	M-42	Lemon-Scented Gum	Ecalyptus citriodora	18	Good
128	M-42	Lemon-Scented Gum	Ecalyptus citriodora	18	Good
129	O-43	Lemon-Scented Gum	Ecalyptus citriodora	16	Good
130	M-44	Lemon-Scented Gum	Ecalyptus citriodora	20	Fair
131	O-44	Lemon-Scented Gum	Ecalyptus citriodora	19	Good
132	J-44	Lemon-Scented Gum	Ecalyptus citriodora	20	Good
133	J-45	Lemon-Scented Gum	Ecalyptus citriodora	18	Good
134	J-45	Lemon-Scented Gum	Ecalyptus citriodora	20	Fair
135	L-45	Brazilian Pepper	Schinus terebinthifolius	15	Poor
136	M-46	Brazilian Pepper	Schinus terebinthifolius	18	Fair
137	I-47	Brazilian Pepper	Schinus terebinthifolius	17	Fair
138	J-48	Brazilian Pepper	Schinus terebinthifolius	18	Fair
139	I-49	Jacaranda	Jacaranda mimosifolia	16	Good
140	E-49	Jacaranda	Jacaranda mimosifolia	17	Fair
141	F-49	Jacaranda	Jacaranda mimosifolia	13	Good
142	H-51	Jacaranda	Jacaranda mimosifolia	15	Good
143	I-52	Canyon Live Oak	Quercus chrysolepis	18	Poor
144	J-53	Canyon Live Oak	Quercus chrysolepis	14	Fair
145	I-54	Canyon Live Oak	Quercus chrysolepis	15	Good

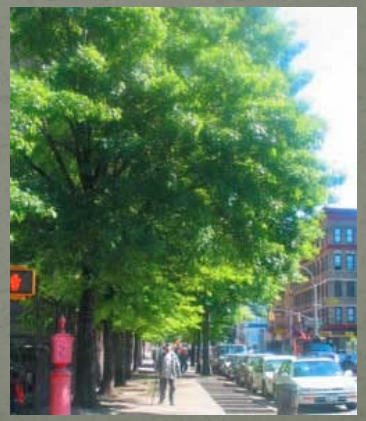
TREE PLAN DATA BASE



TREE LOCATION PLAN

Urban Forest Management

- **Management is a continual process of learning and adapting to change.**
- **Reviewing the vision, goals, objectives, and actions are a necessary part of any management plan.**
- **Adaptive management enables the management team to respond to environmental or biotic influences.**
- **The process combines monitoring, planning, science, and management in a "learn by doing" manner**



Summary & Conclusions

- Conservation and planning is not a discrete event, but a long-term process.
- Success will require the individuals of a community to cooperate with, each other, public agencies, businesses, institutional landowners, green industry contractors, and emergency management services.
- Such cooperation will be based upon a continuing understanding of the value of urban forests