



Grow Green Homeowner's Training

Supplemental Watering for Distressed Trees

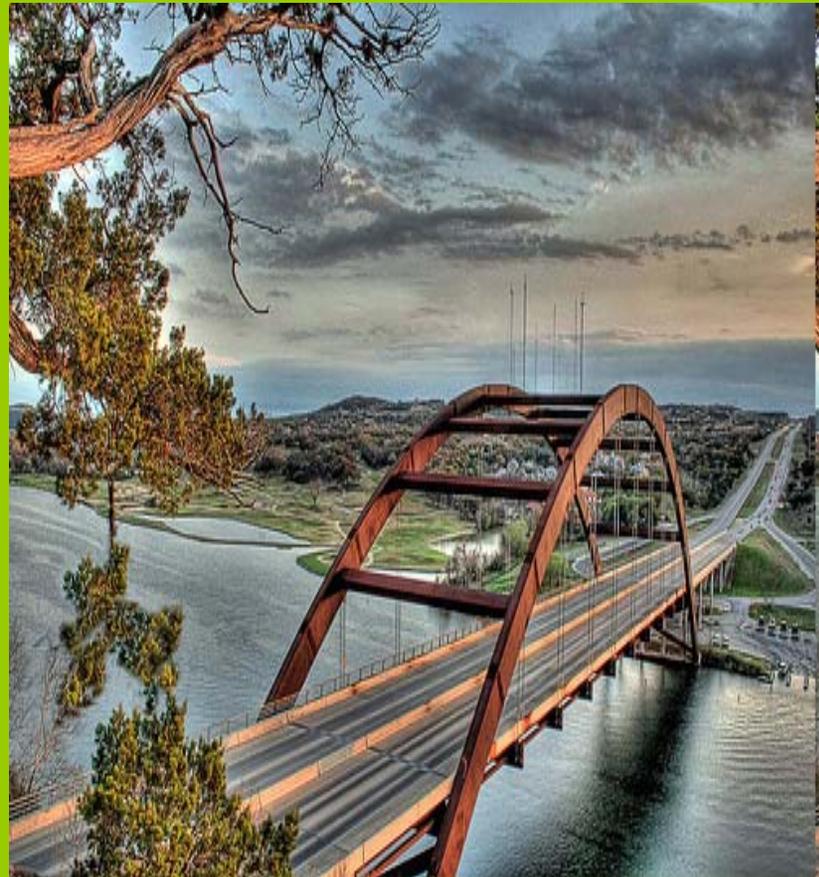
City Arborist Program
Planning and Development Review Department



April 7, 2012

Introduction & Goals

- ❖ Ensure public health, safety, and welfare of citizens
- ❖ Preserve the character of Austin's urban forest, protect its current health, and increase its longevity



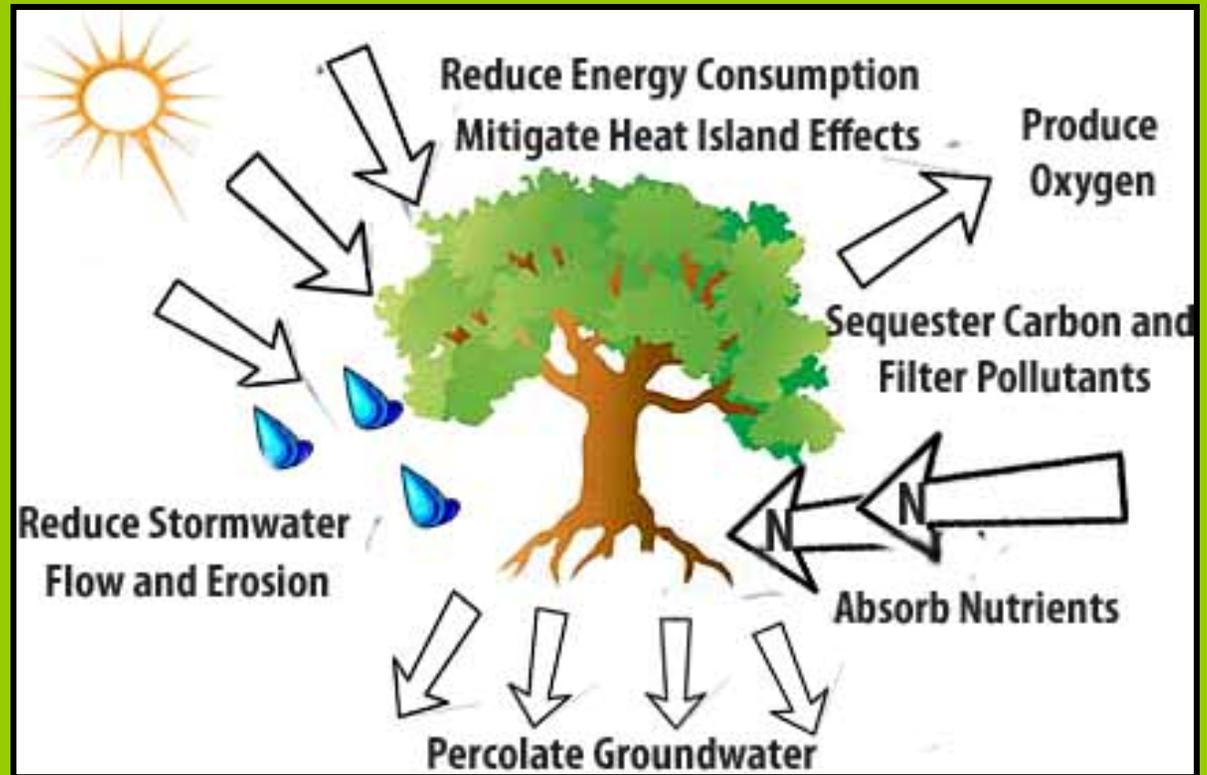
Urban Forest Benefits

Trees are critical to Austin's quality of life



Also:

- Wildlife habitat
- Screen views & noise
- Property value
- Sense of place
- Aesthetics
- Added ecological value of mature trees
- Infrastructure which improves with time



Signs of Stress



- Soil Compaction
- Limited Soil Volume
- Turf Grass Competition
- Pollution
- Disease/Pests



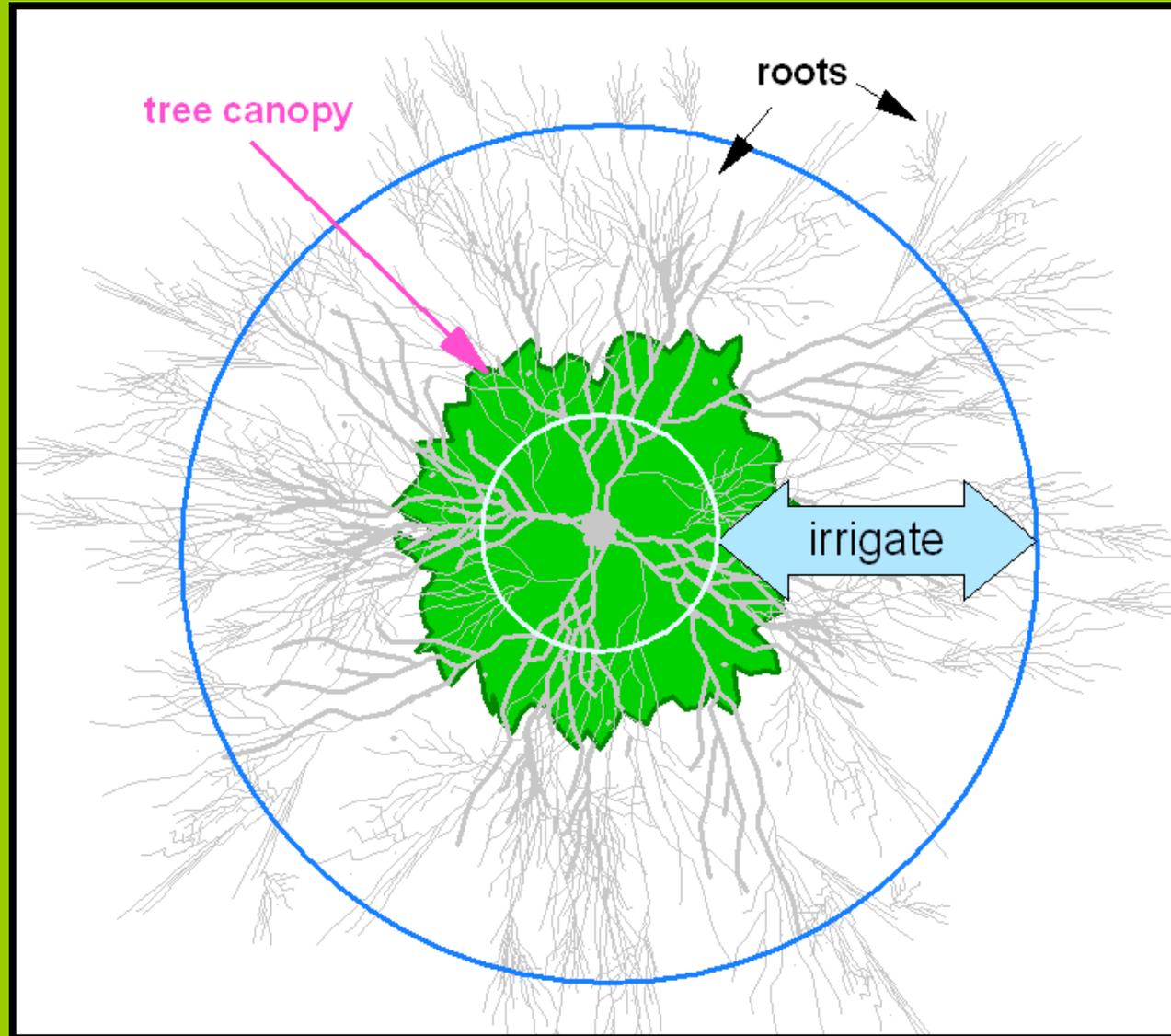
Tree Roots

- Anchor
- Tap
- Lateral
- Sinker
- Fine

Depth in feet



Root Location & Watering Style



Volume, Timing, & Frequency



- Tree Type
- Trunk Size
- Health
- Slope of Site
- Prioritization



Regional Information

Austin's City Arborist Program

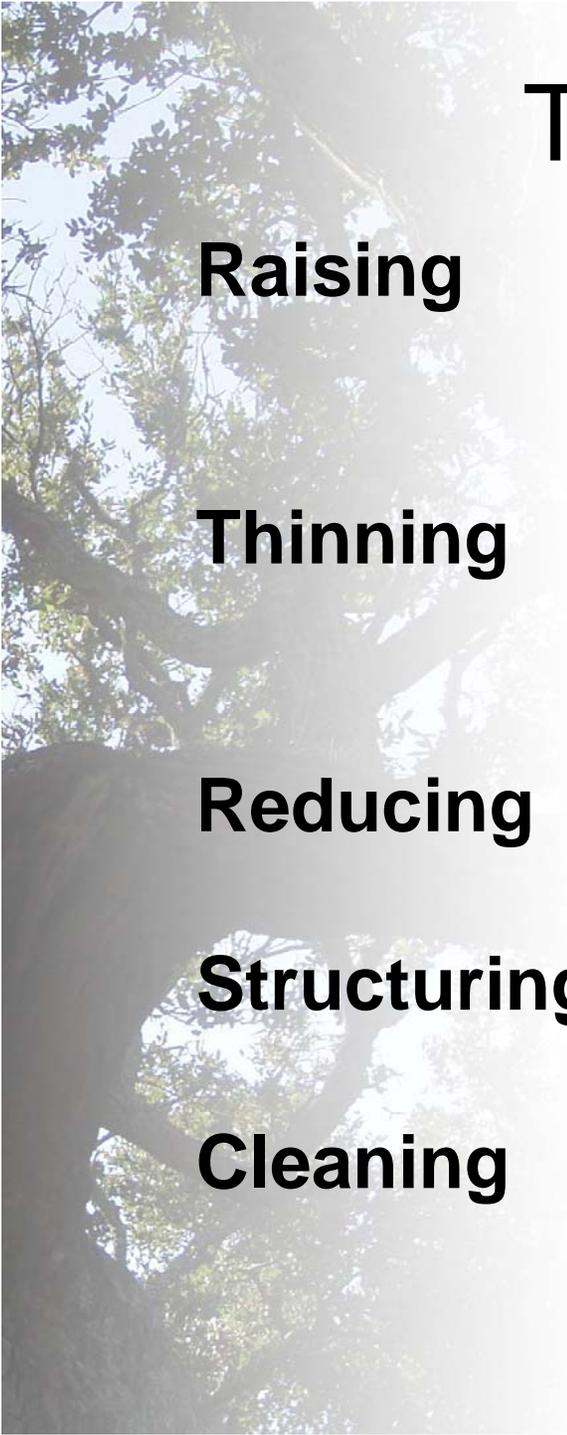
<http://www.ci.austin.tx.us/trees/>

Parks & Recreation Urban Forestry

<http://www.ci.austin.tx.us/parks/forestry.htm>

International Society of Arboriculture
& Texas Forest Service

http://isatexas.com/Consumers/Customer_Tree_Care_Info.htm



Types of Pruning

Raising

Minimizing impacts to human activities

Thinning

Unwanted branches allows for air and light penetration

Reducing

Eliminating end weight

Structuring

Best performed to train young trees

Cleaning

Removal of dying or hazardous branches and sucker growth

Other Tree Care Efforts

- **Limit Pruning**
- **Add Organic Material**
- **Mulch**

Maintains soil moisture

Reduces evaporation

Lessens the need for watering

Controls weeds

Moderates soil temperature

Improve soil aeration and fertility

Reduces the damage from lawn care equipment

Gives a uniform appearance

Emulates a more natural setting





Contact A Professional

<http://www.isa-arbor.com/faca/findArborist.aspx>

Pruning - Type & amount for health, appearance, safety

Removal - Last resort, assist with decision

Emergency Tree Care – Storm damage

Planting – Installation/recommendations

Other Services -

Preventative maintenance - assist with defense against stressors (e.g. drought, insects, disease)

Root Care - fertilization & aeration

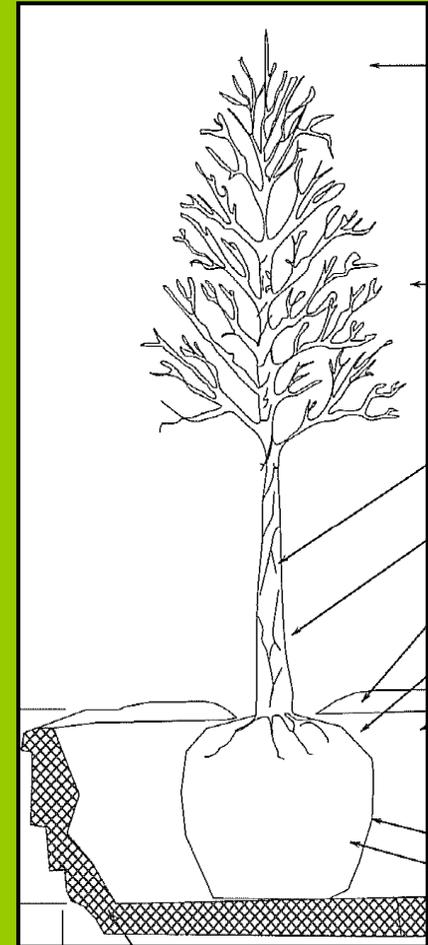
Cabling/bracing - added support to branches with weak attachments

Right Tree in the Right Place

Landscaping Around Your House

- Plant smaller trees under power lines.
- Plant trees to shade your roof, walls, windows and air conditioner.*
- Plant fruit trees for edible fruit and to attract wildlife.
- Plant to screen undesirable views.
- Plant flowering trees for accent and beauty.

*Shading the west and south sides of your house is best for lowering your utility bills.



Thank You



Michael Embesi
City of Austin
974-1876