



STREET TREE SEMINAR, INC.

P.O. Box 6415
Anaheim, CA 92816-6415

NEXT MEETING:

Thursday, December 10, 2009
Santa Monica Main Library
Multi-Purpose Room
Santa Monica, CA

2009 MEETING SCHEDULE

December 10	Annual Scholarship Awards/Officer Installation	Santa Monica Main Library Multi-Purpose Room Santa Monica, CA
January 14	WTMS—Trees & Climate	LA Arboretum Los Angeles, CA

MISSION STATEMENT

"To promote the advancement of urban forestry and provide a forum for tree care professionals to share their experiences, knowledge, and expertise for the benefit of the membership and the enhancement of Southern California's community forests."

VISION STATEMENT

"To enhance the health and beauty of Southern California cities by improving the quality of our community forests."

REMEMBER TO EMAIL JOHNNY AGUILA @ JOHN.AGUILA@SMGOV.NET WITH YOUR RESERVATION



Street Tree Seminar, Inc.

STS Newsletter

NOVEMBER 2009

Sims Tree Health Specialists

By Johnny Aguila

"Dedicated to the preservation, education, and improved health and safety of trees"

Founded in 1972, the *Sims* specialists are a team of professional arborists and biologists, highly qualified in the care of valuable landscape using the most up to date advances as well as proven age old techniques. They are committed to providing consulting, diagnostic services and specific therapies for a wide variety of trees to public agencies, school districts, commercial properties, golf courses, resorts, horticulture and residential properties.

Call *Sims* if you need:

- ◇ Monitoring of plant health and insect populations in new or established landscapes.
- ◇ Treatment of diseased, stressed and pest infested trees.
- ◇ Preservation plans prior to building.
- ◇ Monitoring during construction.
- ◇ Post construction damage mitigation and reporting.
- ◇ **The team of arborists and biologists are educated and trained in:**
- ◇ Diagnosis and treatment of tree problems with a practice in entomology, pathology and soil science.

- ◇ Horticultural analysis based on sound biological understanding.
- ◇ Understanding the delicate soil and water relationships which affect plant health.
- ◇ Nutrition requirements and fertilization techniques to maintain plants in peak form.
- ◇ Recognizing tree hazards and construction damage.

Sims provides on site examinations and foliar



therapeutic applications with accepted organic soaps, oils and biological sprays or conventional insecticides, fungicides, and fertilizers. Root zone stimulations and enhancements are conducted with macro and micronutrients, mycorrhizae and rooting stimulants. They are also experts in integrated pest management (IPM), the control of threatening vertebrate pests.

Sims Tree Health Specialists are located at "The Tree Learning Center". Home to demonstration and research gardens (*Iris, Palm, Eucalyptus, Geranium, Oak, Rose, and Fruit*). Workshops and tours are available by appointment. Contact Susan at 951/ 685-6662 or visit www.simstic.com



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UPCOMING MEETING INFORMATION

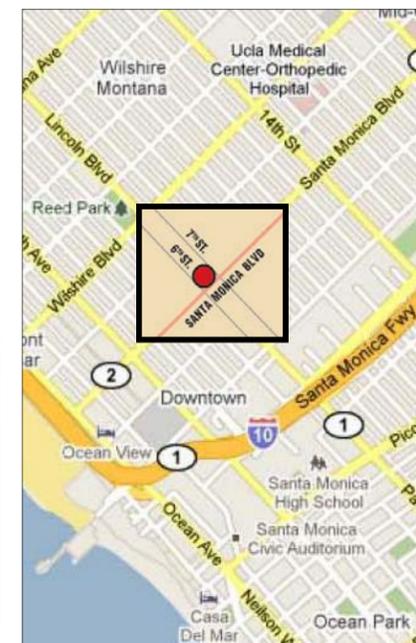
December 10, 2009

Annual Scholarship Awards Presentation And 2010 Officer Installation

Location:
City of Santa Monica
Main Library multi-purpose room
601 Santa Monica Blvd
Santa Monica, CA 90401

Cost:
Lunch hosted by STS
Scholarship donations welcomed

Time: 10:30 AM



STS Business Meeting— October 2009

Past Presidents in attendance: Al Remyn, Kevin Holman, Dave Thompson, Dan Jensen, and Ron Hill

Raffle: October 2009

Prizes generously donated by: RPW, Street Tree Seminar, Inc. and Greg Applegate.

Winners:

♦Rose Epperson ♦David Thompson ♦Wayne Smith ♦Johnny Aguila ♦Cy Carlberg ♦Robert Sartain

NEXT MEETING- December 10, 2009: Annual Scholarship Awards & Officer Installation. Santa Monica Main Library Multi-purpose Room. 601 Santa Monica Blvd., Santa Monica, CA 90041. Parking is underground.

Proposed 2010 Street Tree Seminar Board:

President: Cy Carlberg
Vice President: Wayne Smith*
Secretary: Robert Sartain*
Treasurer: John F. Conway

Directors:

2010-Dave Cooper
2011- Bill Candlish
2012 - Dr. Fred Roth*

Past President—Janessa Cotugno

*Officers to be approved by members.

2010 Slate of Officers



Upcoming Industry Events

76th Annual Western Chapter ISA Conference and Trade Show

Mystery, Magic & Management of Trees

April 28 - May 1, 2010
Doubletree Reid Park
Tucson, Arizona

Stay connected @ www.wcisa.net

TED STAMEN
THE CERTIFIED ARBORIST • THE PROFESSIONAL LANDSCAPE ARCHITECT • THE TREE CARE SPECIALIST

17th ARBORISTS' CERTIFICATION PREPARATION COURSE

10 WEDNESDAY EVENINGS
6:30 PM - 9:30 PM

February 10, 2010 through April 21, 2010

BREA CONFERENCE CENTER
695 E. Madison Way
Brea, CA 92821
In Convenient Orange County

TREE WORKERS' CERTIFICATION PREPARATION COURSE

6 WEDNESDAY EVENINGS
6:30 PM - 9:30 PM

March 24, 2010 through April 21, 2010

Taught in Spanish and English

SAVE THE DATE!

AND Save your city (or agency) lots of \$\$\$!!

By taking
Urban Forest Management Planning

For Citrus College credit
Developed in collaboration with the California Urban Forests Council

This on-line class starts July 2010 and will culminate at the MSA conference at the Pechanga Resort in October 2010.

For details: <http://gomsa.net/>
626-914-8700 or kholland@citruscollege.edu

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2008 Scholarship Recipient Essays— Pt 4

Trees by Daniel Hirchag

In our densely populated cities space is always at a premium. Currently, more often than not, we design trees for cities, not cities for trees. A Landscape Architect may incorporate a grand urban forest into their design but not plan properly to deliver anything sustainable. Consequences of improper tree spacing include hardscape damage from root expansion, unhealthy and unstable trees, a lackluster community of trees, and a public safety hazard. "A survey of 18 California cities indicated that approximately \$70.7 million was spent annually statewide due to conflicts between street tree growth and sidewalks, curbs and gutters, and street pavement."† These trees that are readily neglected are the same beneficial trees that sequester harmful CO2 emissions. They help significantly reduce the heat island effect in our large cities where temperatures are superficially high. These are the same trees that when planted correctly around buildings provide shade and reduce energy costs in the summer months and insulate them in the winter months. Studies have shown trees to reduce water runoff, improve psychological health in communities, reduce crime and domestic violence, increase property values, and improve sales in retail establishments. How invaluable are the benefits of a healthy urban forest in these times we live in when everyone is pressing to conserve energy and reduce pollution. If there is a silver lining to this problem of neglect towards proper street tree planting, it is that it is avoidable. Although the positive effects that trees provide is common knowledge to the Urban Forester and certified Arborist, it may not be as obvious to people working for the city, county, state, etc. that have a hand in designing and/or renovating public communities and incorporating urban forests into them. It is up to the Urban Forester to educate these entities in correct street tree planting and practices.

A wide array of new research has been conducted that has shown to be successful in creating favorable soil conditions for healthy sustained root development in less than desirable locations. Easy installations of a compacted gravel base layer can be made under sidewalks surrounding the street trees. It has been shown that roots will not penetrate through this layer, rather they will hit the compacted gravel and continue their growth downward. When planting a street tree you can trench outwards from the root ball cresting channels leading the roots out of the compacted areas and into areas of loose open soil. Once the channels are trenched, vertical drainage mats can be installed to keep the trenches intact after they are backfilled and still allow roots to grow along the channels. This will increase the effective root zone beyond the

small planting pit. Soil cells made of plastic can be installed in the ground surrounding a tree's root ball. The cells are loosely filled with soil for the roots to develop into the future. Sidewalks can then be poured over these cells with their structural integrity intact and the root area un-compacted. When street trees cannot be planted with adequate space away from hardscapes these practices stated above can be monumental in encouraging healthy root development and eliminating wasteful hardscape damage in communities.

†citation: Dr. Edward F. Gilman, professor, Dept. of Environmental Horticulture, University of Florida, Gainesville

The Importance of Street Trees by Anna-Lisa Sharar

Street trees benefit people and communities in a great many ways. They beautify our cities and are of environmental, economic, and sometimes historical importance. By their very presence, or lack of, they define the character of an area.

Environmentally, street trees reduce air pollution by producing oxygen from carbon dioxide. Especially important in Southern California, street trees also provide energy conservation by helping to reduce the air temperature. Street trees can greatly enhance the look of a town: residential tree-lined streets are undeniably visually appealing. In addition to their aesthetic value, trees can increase property values. The benefits of trees that we enjoy in our private yards, such as the shade, cooling effects, and increased wildlife habitat, can be extended to a more public venue with the planting of street trees.

Business districts can enjoy reduced noise, heat and pollutants with trees planted strategically along sidewalks. Trees in business districts also have been shown to improve business. Research has indicated that consumers will spend more time shopping in an urban forested area (and will spend more money) than those customers making purchases in areas without tree lined streets. Even though business owners may see drawbacks related to having trees planted in front of their stores (messy leaves, roosting birds, etc.) those potential problems are actually offset by the added aesthetic and emotional appeal to the consumers who patronize the businesses.

