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CUFR's Tree Guide Series is Complete!

Each of the i-Tree Streets climate zones has a Community Tree Guide describing the results of the study in that region. The 16th and final Guide, Central Florida, is at the printers.

The Guides are used by communities to calculate current and future benefits from existing and proposed tree planting projects. They also present advice on strategic selection and location of trees to maximize benefits and minimize conflicts with infrastructure.

Find your climate zone on this map: [Climate Zone Map](#) then find your: [Community Tree Guide](#)

How Do You Sustain Tree Planting Initiatives?

Start to Learn How Others Are Doing It, Of Course.

On June 3-4, 2010, a workshop was hosted by Million Trees LA and the US Forest Service in Los Angeles, California on "Municipal Tree Planting Initiatives." The Workshop was part of a study that is identifying critical components to initiate and sustain major tree planting initiatives (TPIs) in ten US cities. The primary purpose of the Workshop was to expand the knowledge-base on this topic by bringing together 24 individuals representing 20 municipalities to share lessons learned from successes and setbacks. In "troubleshooting" the TPI process, participants noted that managing the politics of trees is often more challenging than planting trees. Also, they identified need for a "Community of Practice" to provide long-term support for managers of existing and emerging TPIs. All agreed that to successfully sustain TPIs after administration changes they must be deeply embedded into communities and the city family. Managing the politics, partners, and public with scarce resources, makes that a complex and challenging proposition.

In July Greg McPherson presented initial results from the study in an educational session at the ISA Annual Conference, Chicago, IL. He was joined by four panelists who described their municipal TPIs. Accomplishments and disappointments were described by Lisa Sarno for Million Trees Los Angeles, Sara Davis for Denver's Mile High Million, Joseph McCarthy for Chicago Trees Initiative, and Adriana Jacykewycz for MillionTreesNYC. Another panel discussion will be presented at the Partners in Community Forestry Conference in Philadelphia on Nov. 10, 2010.

*Greg recently presented the findings of the TPI study
at the Annual ISA conference in Chicago:*

[ISA Conference Presentation Description](#)

How to Learn i-Tree Streets Today?

Sponsor a Training like this recent event held in the Northeast U.S.

A two-day i-Tree training program was held in Portsmouth, NH by UNH Cooperative Extension, the Durham field office of the USDA Forest Service, and the New Hampshire Division of Forests and Land. Speakers included Dr. David Bloniarz of the FS Northern Research Station's Amherst, MA office, and Al Zelaya from Davey Tree Experts. The Massachusetts Department of Conservation and Recreation and the Connecticut Department of Environmental Protection provided case studies.

Students reportedly came from all six New England states, as well as Virginia, West Virginia, and Nova Scotia. Great Bay Community College provided the computer lab. UNH Cooperative Extension provided additional laptop computers. The Forest Service provided the pocket PCs students used to gather information in the field.

[UNH Cooperative Extension - Forests and Trees](#)

Tree Emitters of BVOCs

CUFR's Dr Jim Simpson spoke on June 23rd, 2010, at the first Urban Environmental Pollution conference, in Boston, Massachusetts.

Jim presented a paper entitled *Urban Forestry and State Implementation Plans: the Tree BVOC Index*, which is expected to appear in a future special issue of *Environmental Pollution*.

Urban trees can produce a number of benefits, among them improved air quality. Biogenic volatile organic compounds (BVOCs) emitted by some species are ozone precursors. By modifying future tree planting to favor lower-emitting species we can reduce these emissions. Lowering BVOC emissions can aid air management districts in meeting federally mandated emissions reductions for these compounds.

The Sacramento Federal Nonattainment Area has a control measure in development using the index as a tool for implementation and monitoring of a tree program to reduce BVOC emissions as part of the State Implementation Plan. Changes in BVOC emissions are calculated as the result of transitioning to a lower-emitting species mix in future planting, and a simplified method for calculating the emissions reduction and an index based on the calculated reduction was presented.

Organized and sponsored by publisher *Elsevier* and the journal *Environmental Pollution*, the conference focused on measures to promote sustainability and life quality by tackling urban pollution problems.

Important focal point: Community involvement

The importance of public and community involvement in research, policy and practice is the human dimension of these problems, like the health effects of ultrafine particulate air pollution.

A comprehensive look at urban environmental challenges:

The nature of urban environments, air pollutants, heat islands, climate change, soil and water pollution, storm water retention, ecology, biodiversity, invasive species.

[Elsevier's Urban Environmental Pollution Conference](#)

Adapting to Climate Change One Street Tree at a Time

Melbourne University: out to prove the value of urban trees in Australia.

A study underway is showing the saving and benefits of trees next to buildings and comparing the benefits of deciduous and evergreen broadleaf trees in green infrastructure as components of sustainable architecture.

[Read the project proposal](#)

Recently another Melbourne University study using i-Tree Streets calculated energy savings of 217 gigajoules and 125 gigajoules of natural gas savings equaling \$17,000 AUD by trees in two suburbs of Melbourne.

Where We Are Speaking

October 15, 2010

Overview of CUFR's Urban Forest Carbon Research

Climate Change & Urban Forests in Los Angeles
UCLA Faculty Center, Los Angeles, CA

October 21, 2010

Optimizing Tree Benefits

Desert Green 14th Annual Conference
Advanced Arboriculture Track, 9:00-10:00
Las Vegas, NV
Speaker: Paula J. Peper

October 22, 2010

Designing for Longevity

Desert Green 14th Annual Conference
Southwest Design Challenges Track, 9:00-10:00
Las Vegas, NV
Speaker: Paula J. Peper
Sponsor contact info for both Desert Green speeches:
www.desert-green.org/images/2010_Desert_Green_Flier.pdf

November 10, 2010

What Your Mayor Needs to Know About Million Tree Campaigns

Partners in Community Forestry
Loews Hotel, Philadelphia, PA
Speaker: Dr. Greg McPherson

November 12, 2010

Trees Pay Us Back: Quantifying Benefits of Trees in Delaware

University of Delaware Seminar Series
Wilmington, DE
Speaker: Dr. Greg McPherson

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