

Winter 2014
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Designing Subdivisions to Conserve Open Space and Maintain Benefits



Francisco Escobedo, School of Forest Resources and Conservation, University of Florida, Gainesville and Henry Mayer, Miami Dade IFAS Extension Agent

English Version

Construction activities and new residential urban developments such as subdivisions are associated with increased sedimentation, loss of wildlife habitat, decreased soil quality and even increased air pollution and carbon dioxide emissions. Tree preservation is one method for minimizing the negative impact of these activities. Indeed, many tree protection ordinances and practices help preserve individual or groups of trees in lots on these construction sites. But, little is known on how new larger-scale developments and different types of development designs, such as compact or clustered, affect these environmental quality issues. A recent study by Vaughn and others (2014) published in the *Journal Landscape and Urban Planning* recently assessed how different compact or clustered subdivision design affected carbon storage and sequestration as well as wildlife habitat and wetlands.

The study used an existing 705 acre pine plantation near Gainesville that has been proposed as a 1835 residential development. Tree inventory methods, ecosystem services models and Geographical information Systems were then used to determine which site design and tree preservation activities maximized carbon dioxide sequestration as well as other benefits. The Comprehensive Plan Future Land Use Element was used to

[*Designing Subdivisions continued on page 6*](#)

Versión española

Las actividades de la Construcción y desarrollos urbanos residenciales nuevos como las subdivisiones, están asociados con una mayor sedimentación, pérdida de hábitat de la flora y fauna, disminución de la calidad de los suelos e incluso un incremento de la contaminación del aire y las emisiones de dióxido de carbono. La conservación de los arboles es uno de los métodos para reducir al mínimo el impacto negativo de estas actividades. De hecho, muchas ordenanzas de preservación y mantenimiento de árboles ayudan a preservar arboles individuales o en grupos en estos sitios de construcción. Pero, se sabe muy poco sobre cómo los nuevos desarrollos en gran escala y con sus diferentes tipos de diseños afectan estos problemas de calidad ambiental. Un estudio reciente realizado por Vaughn y otros (2014), publicado en la revista *Panorama y Planificación Urbana* evaluó cómo los diseño de subdivisiones agrupadas en forma compacta afectaron el almacenamiento y secuestro de carbono, así como hábitat de vida silvestre y los pantanos.

El estudio utilizó un área de 705 acres con pinos en Gainesville. El área ha sido propuesta para construir 1835 unidades residenciales. Métodos de inventario de árbol así como modelos de servicios de los ecosistemas y sistemas de información

[*Diseñar subdivisiones continued on page 7*](#)

A Message From the President



Greetings,

The outlook for the Chapter continues to be a bright one. Membership has slightly increased over a year ago. Several committees have been hard at work all year planning various functions and member services. The Education Committee, chaired by Lori

Ballard, has organized more than 20 seminars for the current year. These statewide seminars continue to provide useful, timely information presented by quality speakers.

The Tree Climbing Committee chaired by Adam Jackson has put together a great event in Tallahassee. This event was teamed up with a one day Tree School presenting practical information to tree workers. The Tree School was organized, in part, by Kim Paulson. Winner of our Tree Climbing championship will be representing our Chapter in the International Tree Climbing Championship in Tampa next March.

There have been two new additions to the Board of Directors. Diana Gilman with Lee County Electrical Cooperative is the present Utility Arborist representative. Phil Buck with Crawford Landscaping, Naples, is serving as a Member-At-Large. Both Diana and Phil bring to the table a vast amount of experience and knowledge of arboriculture in Florida. Please welcome these new members.

Finally, it has been my privilege to serve as your President this year. I have witnessed several positive events moving the Chapter forwards. I also am humbled by the dedicated service of other members of the Board who continually strive to serve you, our members. Good luck to all, and if I may be of assistance feel free to contact me at ad.ali@davey.com.

Sincerely,

Dr. A.D. Ali
President, Florida Chapter ISA

MEMO BOARD



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1-day only - some seats available for Spanish translation!
December 4, 2014 - St. Petersburg (Largo)
Register Online
Workshop Flyer



Advanced Arboriculture
1/7/15 - Fort Lauderdale (Pompano Beach)
Register Online
1/9/15 - Orlando
Register Online
Flyer



ISA Symposium: The Cost of Not Maintaining Trees
March 18-19 2015 - Tampa
Register Online



Arbor Fair & Expo
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Info>>

International Tree Climbing Championship
March 20-22, 2015 - Tampa
Info>>

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to
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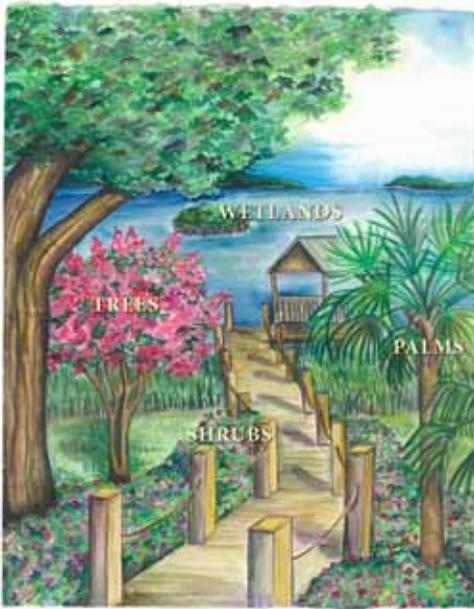
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FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS



Florida Department of Agriculture and Consumer Services
Adam H. Putnam, Commissioner

GRADES AND STANDARDS DRAFT NOW READY FOR REVIEW

The Florida Department of Agriculture and Consumer Services, Division of Plant Industry has been hard at work with the help of the Grades and Standards Review and Revision Committee. The result of their intense efforts is the draft of the revised Florida Grades and Standards for trees, palms, shrubs and wetland plants. The document is open for public review and comments are welcomed while still in draft form until January 1, 2015. [Click here to access the document on the Division of Plant Industry website;](#) download the pdf via the link under "Hot Topics".

Submit any comments to DPIHelpline@Fresh-FromFlorida.com; make sure to put the words "Grades and Standards" in the subject line of the email. Reference the section (tree, palm, etc.) and page number in the body of your email, along with your comments.

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Designing Subdivisions continued from page 1

Designing Subdivisions to Conserve Open Space and Maintain Benefits

layout building footprints and area of permitted residential, commercial and open space land uses. Then using forest type and age, different forested areas in the proposed development were targeted for conservation. Different design and layouts, or scenarios, were assessed assuming that all buildable areas were cleared of all vegetation. These 8 layouts included: planned permitted construction, reduced buildable area, conserving younger stands, conserving older stands, compact design in planned land uses, and 3 other compact designs with varying impacts to existing conservation areas.

The study found that site design could conserve – and improve- a significant portion of the proposed development’s carbon storage and sequestration. Three of the 8 layouts could potentially maintain over 85% of the carbon dioxide storage and 76% of the carbon dioxide sequestration; an increase of 30% in carbon dioxide benefits from current permitted design layouts. Two of these 3 scenarios had compact design and preserving older tree stands had the greatest positive effect of carbon dioxide. Additional benefits included less paved roads and associated capital costs, as well as conservation of wildlife habitat.

Although wildlife habitat and edges will be fragmented by the

subdivision, as will wetland and water quality, the different designs can minimize these impacts to varying degrees. These designs that conserve open space and preserve existing large trees also have other benefits such as:

- Increased property values (more tree with leafier crowns increase value)
- Reduced energy use during summer months
- Reduced stormwater runoff
- Improved air quality (fewer roads and miles traveled by vehicles emit less pollution)

These different designs will have different benefits and costs, so there will be trade-offs associated with any design decision. So, it is important that competing interests discuss and weigh the benefits and costs of conserving carbon or wildlife habitat versus other sustainability and financial objectives. But, this new study does shed light on new approaches and information to promote and advocate for the conservation of existing urban forests.

For more information on this and relevant studies see:

- Escobedo and others 2014. Urban forest structure effects on property value. Ecosystem Services, <http://dx.doi.org/10.1016/j.ecoser.2014.05.002>.
- Vaughn and others 2014. The influence of subdivision design and conservation of open space on carbon storage and sequestration. Landscape and Urban Planning, 131:64-73.
- Vaughn and others 2012. Conservation subdivision: post-construction phase – urban trees can reduce household carbon footprint. University of Florida- IFAS, EDIS, WEC 321 <http://edis.ifas.ufl.edu/uw366>
- Seitz J. And Escobedo, F., 2008. Urban forests in Florida: Trees control stormwater runoff and improve water quality. University of Florida- IFAS, EDIS FR239. http://edis.ifas.ufl.edu/document_fr239
- Escobedo, F., Northrop, R., Orfanedes, M., Iaconna, A., 2009. Comparison of community leader perceptions on urban forests in Florida. University of Florida- IFAS, EDIS FOR 230. <http://edis.ifas.ufl.edu/fr292> ❖



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Disenar Subdivisiones continued from page 1

Diseñar subdivisiones para conservar espacio abiertos y mantener sus beneficios

geográfica se usaron para determinar cuál diseño urbanístico y actividades de conservación de los árboles maximizan la captura del dióxido de carbono atmosférico, así como otros beneficios. El Plan Futuro del uso de las tierras se ha utilizado para trazar esquemas de construcción y zona residencial, comercial y usos de la tierra permitida en el espacio abierto. A continuación, utilizando diferentes tipos y edad de bosques; diferentes áreas forestales se propusieron en el desarrollo como objetivos para la conservación. Diferentes diseños o escenarios se evaluaron suponiendo que toda el área a urbanizarse estaría libre de vegetación. Estos 8 diseños incluyen: construcción total del área planificada, reducción de la superficie edificable, conservación de árboles jóvenes, conservación de árboles adultos, diseño compacto en usos de tierra, y otros 3 diseños compactos con diversos efectos en zonas de conservación existentes.

El estudio encontró que el diseño apropiado podría contribuir a conservar y mejorar una parte importante del nivel de almacenamiento y secuestro del carbono. Tres de los 8 diseños podrían mantener el 85% del almacenamiento y el 76% del secuestro del dióxido de carbono atmosférico, lo que supone un beneficio del 30% comparado con los actuales esquemas de diseño. Dos de los 3 escenarios que tenían diseño compacto y preservaron los árboles adultos tuvieron el mayor efecto positivo. Beneficios adicionales incluyen menos carreteras pavimentadas con sus costos de capital asociados, así como la conservación de los hábitats de las especies silvestres

Aunque las áreas de hábitat de vida silvestre y los pantanos con sus bordes se fragmentan por las subdivisiones, las diferencias en los diseños pueden minimizar estos impactos en distintos grados. Estos diseños que conservan espacio abiertos y preservan

árboles grandes también tienen otros beneficios, tales como:

- Incrementan los valores de las propiedades (árboles más tupidos tienen más valor)
- Reducción en el uso de energía durante los meses de verano
- Reducen el agua de escorrentía cuando tormentas
- Mejora de la calidad del aire (menos carreteras y millas recorridas por los vehículos lo cual reduce la contaminación)

Estos diseños diferentes tienen diferentes costos y beneficios, por lo que habrá compensaciones asociados con cualquier decisión. Por lo tanto, es importante que los interesados discutan y sopesen los beneficios y los costos asociados con la

conservación de carbono o del hábitat de vida silvestre frente a otros objetivos financieros y de sostenibilidad. Este nuevo estudio muestra nuevos enfoques y suministra información para promover y defender la conservación de los bosques urbanos existentes

Para obtener más información sobre este y otros estudios pertinentes:

- Escobedo and others 2014. Urban forest structure effects on property value. Ecosystem Services, <http://dx.doi.org/10.1016/j.ecoser.2014.05.002>.
- Vaughn and others 2014. The influence of subdivision design and conservation of open space on carbon storage and sequestration. Landscape and Urban Planning, 131:64-73.
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- Escobedo, F., Northrop, R., Orfanedes, M., Iaconna, A., 2009. Comparison of community leader perceptions on urban forests in Florida. University of Florida- IFAS, EDIS FOR 230. <http://edis.ifas.ufl.edu/fr292> ❖

Florida e-Tree News



The Florida e-Tree News is a free monthly e-letter sent out by the Florida Chapter ISA. It is intended to inform arborists, tree care workers, landscape architects and other green industry professionals of up-to-date arboriculture information in the state of Florida.

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From Your TREE Fund Chair - Eric H. Hoyer

TREE Fund Update

2014 TREE FUND SUMMARY

Congratulations to the Florida Chapter for a job well done this year supporting the TREE Fund. Through the efforts of the Tour des Trees riders; the donations from the Chapter to the auction at the International Conference (Kennedy Space Center, a Key Largo package, and a stay at a B&B in Pennsylvania, courtesy of John Harris); and the golf outing, fishing derby, silent auction, and bandana sales at Trees Florida, our Chapter has raised just shy of \$25,000 for 2014. This amount exceeds the 2013 level by \$5,000 and is just \$1,400 short of our 2011 amount which represents the highest amount in recent years.

We still have some time remaining in 2014 to donate. Remember, anytime you purchase merchandise through Amazon, you can go through the TREE Fund link and a portion of your purchase is donated to the TREE Fund. Christmas shopping is fast approaching and this is a simple and painless way to donate.

Some examples of TREE Fund expenditures in 2014 include a \$24,604 grant to Byrant Scharenbroch of the Morton Arboretum to study, “Rapid Remediation of Urban Soils for Trees”, a \$10,000 Emerald Ash Borer Grant to the Great Smoky Mountains National Park to raise public awareness of the spread of EAB, and an almost \$5,000 grant to Hiram College in Ohio to organize a tree summit and learning projects to engage students to become advocates of trees in the urban community. And let us not forget Florida’s own Dr. Andrew Koeser who received a \$10,000 grant to study three aspects of risk assessment as part of a larger research program to evaluate the reliability of commonly used risk assessment methods and improve tree risk prediction models. In addition, three students received a total of \$8,000 in scholarships to study forestry and urban forestry. These grants and scholarships represent only a percentage of the total of grants and educational programs sponsored by the TREE Fund this past year. Other examples can be reviewed by checking the TREE Fund website at www.treefund.org.

I have been honored to serve as your TREE Fund liaison this past year. Thanks to the efforts or our Chapter Tour des Trees bike riders and many others who donated items or purchased items at our silent auction or who simply purchased through Amazon, have made 2014 a successful year and one we should all be proud of. Thank you, Florida Chapter! ❖

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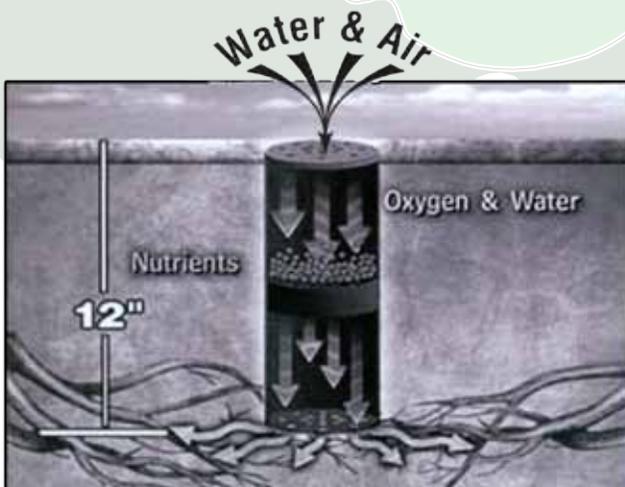
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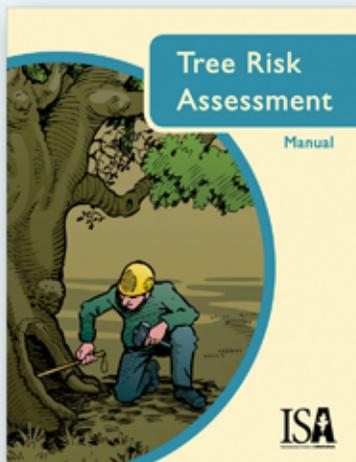
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ecoSmart Landscapes Proceedings Outline Tool's Development

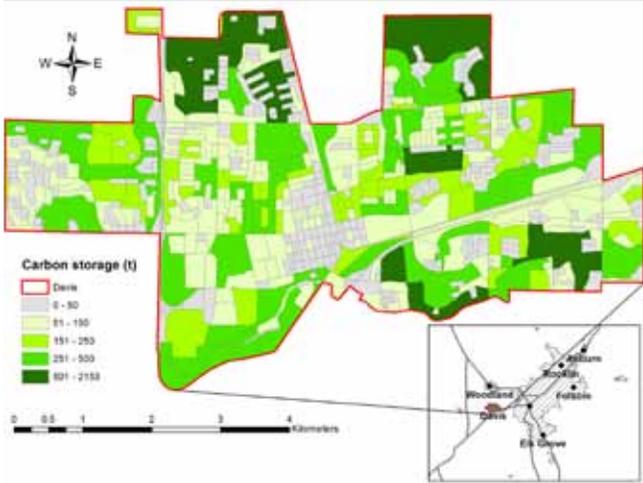
The 7th International Congress on Environmental Modelling and Software (iEMSs) occurred mid-June in San Diego, CA. Proceedings published for the conference describe a new tool called ecoSmart Landscapes (eSL). Programmed by ecoLayers using a unique SaaS-based platform, eSL incorporates modelling and planning tools for the integrated assessment of carbon, water, energy, and fire impacts of landscapes at the residential parcel scale. This cost-effective tool is customizable, scalable and able to meet the needs of a variety of users, from the general public to regional planners. The paper discusses the melding of over 20 years of empirical research on urban forestry with the software platform developed by EcoLayers for integrated, adaptive and collaborative management of water, land and environment. To read the full paper or obtain information about other topics addressed at the conference visit: <http://www.iemss.org/society/>

ecoSmart Landscapes Online Debut

The ecoSmart Landscapes tool is available through the ecoSmart Landscapes Portal at www.ecoSmartLandscapes.org. Use Google Chrome, Firefox or IE9 to access eSL. The software program developed by ecoLayers allows users to determine building energy use, carbon sequestration, rainfall interception and the fire threat posed by their landscapes. ecoSmart Landscapes (eSL) integrates trees, shrubs, grass-covered rain gardens, engineered soils and cisterns through a Google Map-based user interface. Analytical models produce reports so users can visualize future carbon, water, energy, and fire impacts of landscapes at the residential parcel scale. To see the program in action watch the Youtube.com video: https://www.youtube.com/watch?feature=player_embedded&v=YiU004j811s.

Mapping Tree Carbon Storage

Carbon stored by urban tree canopy in Davis, CA mapped by census block group



Trees in cities sequester about 14% of the amount of carbon (C) sequestered by US forests. However, urban forests are not typically included in national, statewide and regional inventories of greenhouse gas emissions and sinks. The paper “A new approach to quantify and map carbon stored, sequestered and emissions avoided

by urban forests” describes quantification and mapping of these stocks by combining field surveys, biometric information for urban tree species, Geographic Information System (GIS) data sets and remote sensing of urban tree canopy (UTC). The novel approach incorporates age-related differences among neighborhood stands that influence tree species composition and stand structure. It can be used to map baseline C storage levels for climate action planning, identify conservation areas and determine where opportunities for expanding UTC are greatest. Findings for Los Angeles and Sacramento illustrate the complex role of regional and local determinants, such as differences in wood densities of dominant species and extent of building shade by trees. To read the full publication visit <http://treesearch.fs.fed.us/pubs/44375>.

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Trees Give Roads a Breath of Fresh Air



May was Clean Air Month and the role of roadside trees in cleaning the air and helping us feel better was described in a recent blog ([http://blogs.usda.gov/2014/05/13/trees-give-roads-a-breath-of-fresh-](http://blogs.usda.gov/2014/05/13/trees-give-roads-a-breath-of-fresh-air/)

[air/](#)). A multidisciplinary group of researchers, planners and policymakers from the [U.S. Environmental Protection Agency](#), [U.S. Forest Service](#) and other organizations [found that strategically planting trees near busy roadways may significantly enhance air quality](#). Their findings were published recently in the [Transportation Research Board magazine](#). “Properly designed and managed roadside vegetation can help us breathe a little easier,” said [Greg McPherson](#). “Besides reducing pollutants in the air, these buffers can protect water quality, store carbon, cool urban heat islands and soften views along our streetscapes. They are essential components of green infrastructure in cities and towns.” ❖



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March 18-19, 2015

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Rich Hauer,
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Consultant's Corner

by Joe Samnik, Consulting Arborist



APPRAISING THE LOSS OF CITRUS TREES

Appraising the loss of citrus trees growing in a citrus grove presents an unusual challenge for the arborist. The same may be said for any tree that produces a commercial crop for sale. Dooryard citrus or other bearing trees for homeowners use are not germane to the instance at hand.

Arborists are trained to appraise the value of a tree; however, when appraising commercial trees that produce a cash crop the value of the tree is secondary. Of primary concern is the value of the crop. This holds true for any commercial crop that produces a cash value or has the potential to produce a cash value.

The first concern that the arborist should have is the name of the crop being appraised. It has much to do with the calculations made later in the appraisal process. The second concern is to identify the maturity of the tree or crop, or lack of maturity of the tree or crop, being appraised. This factor as well plays an important part in the appraisal process. If the subject tree or crop to be appraised was not mature at the time of the casualty, then there is consequently no value to what it would produce, unless of course the prospective net revenue approach to appraisal is being used (a different article to be sure). The next consideration is the condition of the subject tree or crop prior to the casualty. This can be accomplished through sales records, pictures, or defensible testimony from others. You must also know the age at which the tree or crop you are appraising begins to produce a cash income to the grower, and how much of a crop is produced.

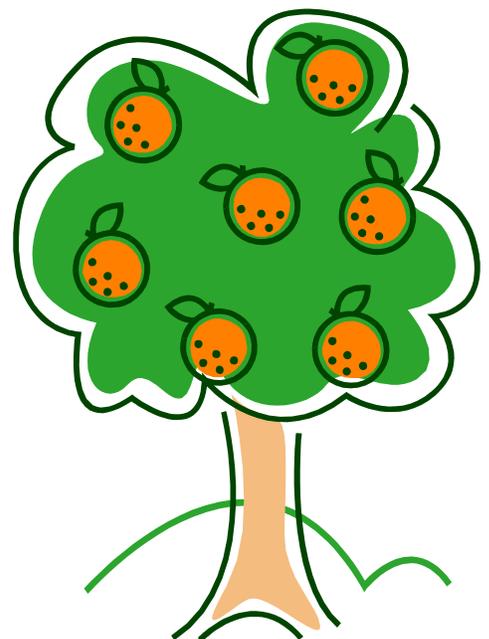
The ultimate goal of this entire process is to make the grower whole after the casualty has occurred. Recovery is always based upon a wrongful invasion of the plaintiff's rights, and the rule of damages adopted should be such as to more carefully guard against failure of compensation to the injured party than against possible

overcharge upon the wrong doer.

As an example of an appraisal approach to the problem of a citrus grove or part thereof being destroyed by negligence the approach to value is the recompense to the grower for the cash value he would have realized, but not for the negligent act.

To determine the appraised value would begin with what a mature cultivar of citrus or other crop produces at maturity, and at what age the maturity begins. Next, determine their yield per season under market conditions which existed at the time of the casualty. Determine the value of the harvest price of one tree times the amount of trees which became a casualty. Deduct the overhead costs and production expenses. Finally, replant a starter tree and determine the number of years that the tree would be growing without producing a cash crop, plus the amount of years. The tree would be growing, producing a cash crop until the tree reaches maturity. Once you have calculated clearing the land of the casualty trees, replace the irrigation after it has been depreciated, you have the appraised value of the tree. The actual value of the tree will probably be in the \$11.00 - \$12.00 range, depending upon market variables at the time of the casualty not the time that you are doing the appraisal. Adding the lost revenue from the subject tree(s) to the replacement cost of the tree and costs associated with clearing you have made the client whole.

All trees and crops which produce a cash value can be appraised in this manner with certain elasticity suitable to the circumstances and for the introduction of evidence relevant to actual loss. The plaintiff is not permitted duplication in recovery for any item of damage. ❖



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Real Christmas Trees Better for the Earth Than Artificial Ones

by David Gutierrez, Natural News



Environmentalists for whom Christmas trees are an important tradition face a dilemma: should they buy a real or an artificial tree? Well, according to plant biologist Clint Springer of Saint Joseph’s University in Philadelphia,

buying a single artificial tree once a decade has a significantly larger carbon footprint than buying a new real tree each year over the same time period.



According to Nielsen Research, in partnership with the American Christmas Tree Association (an industry trade group for artificial trees), U.S. consumers will purchase approximately 21.6 million real trees and 12.9 million artificial trees during the 2012 Christmas season.

The National Christmas Tree Association, a trade group for real trees, reports the purchase of 28 million real trees and 8.2 million artificial trees in 2010.

Selecting a greener tree

Reviewing the research on the two types of trees, Springer notes that you would have to keep an artificial

tree for 20 years before its carbon footprint is smaller than that of 20 real trees. These numbers come from a 2009 study conducted by the consulting firm Ellipsos.

“[The] study ... concluded that a seven-foot cut tree’s impact on climate is 60 percent less than a seven-foot artificial tree used for six years. So while cut trees are not carbon-neutral, in terms of carbon-use, they are better than artificial trees.”

Artificial trees’ carbon footprints come in large part from the fact that most of them are made in China, and therefore, shipping them around the world consumes enormous quantities of fossil fuels. In addition, said Ellipsos founder Jean-Sebastien Trudel, artificial trees are usually constructed from polyvinyl chloride. This plastic is manufactured from petrochemicals in a fossil-fuel intensive process. In addition, trees made from polyvinyl chloride tend to release volatile organic compounds into the air, often causing respiratory allergies or other distress.

“Ultimately, people need to make the choice that makes the most sense for their family,” he said, “but they should keep in mind that real Christmas trees do not trigger allergic reactions. Farm-raised trees are too young to be reproductive in most cases, so pollen is not an issue.”

He noted that some people might be sensitive to a real tree’s natural scent. In such cases, he recommends pine trees rather than firs, due to pine’s weaker scent.

The concern that real Christmas trees get moldy is also exaggerated, he said. “From what we know about household allergens like mold spores, a house with a real tree does not usually show a higher rate of indoor air pollution than a house with an artificial tree, because mold spores found on live trees do not usually become air-borne,” Springer said. ❖



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The Results Are In!



Congratulations to Michael Cross of ArborWorks in Tallahassee for his win at the recent Florida TCC event in Tallahassee. Mike will represent the Florida Chapter at the International TCC that will be held at Rowlett Park in Tampa March 21-22, 2015. Good luck at the International event, Mike!

FLORIDA CHAPTER



The Florida TCC event was a packed house. There were 47 competitors who travelled from far and wide to participate. TCC Chair Adam Jackson (ValleyCrest) and his wonderful crew of prep volunteers, judges and timekeepers devoted much time and effort to organize and run the event. The five preliminary events were held on Saturday October 25th; the Master’s Challenge was held on Sunday the 26th. Kim Paulson (The Tree Lady Company) organized and ran the always-popular kid’s activity tent on Saturday

The ITCC event in March will provide some great opportunities for Florida arborists. This is the first time that the International TCC event will be held in Florida ... so mark your calendar and plan to attend and cheer on our state climber! Along with the climbing event, ISA also plans to offer Tree Academy Workshops and an Arbor Fair & Expo beginning on March 20th. A full schedule will be advertised closer to the date of the ITCC.

Once again, congratulations to Mike Cross, and thank you to all the climbers who travelled and participated in the Florida TCC.

Mike Cross - 2015 Florida Chapter TCC Winner

With Florida’s unique environment, extra attention must be paid to preserving our natural resources, especially our trees. By purchasing a TreesAreCool license plate you help underwrite programs that directly benefit trees of Florida which help keep our state the uniquely beautiful place we all call home.

Healthy trees benefit wildlife, increase property values and help cool and clean the air. The Florida Chapter of the International Society of Arboriculture, a non-profit organization, is committed to serving the needs of Florida’s professional arborists and tree-care consumers. The TreesAreCool license plate revenues benefit our urban environment of Florida through tree research, the on-going education of tree-care practitioners, and by providing public education programs about tree care and preservation.



You do not need to wait for your current plate to expire. Do your part and order your TreesAreCool plate today!



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In person: You can select and pay for your TreesAreCool specialty license plate in person at your county tax collector office.

By mail: Complete and return this form with your vehicle registration renewal notice and a check for an additional \$58 (\$25 annual donation, \$5 annual state fee and a one-time new plate fee of \$28). If your renewal notice indicates that it is time to replace your license plate, do not include the \$28 new plate fee.

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Florida Chapter Board Updates

BOARD SHORTS:

Remember to Vote!



Watch your inbox for the ballot for the 2015 Florida Chapter ISA election. Coming soon!

Thanks for Your Service to the Florida Chapter!



There are several board members who will retire from the board at the end of 2014. Many thanks to you - your time and energy shared with the Florida Chapter Board is appreciated by the entire membership.

- Phil Buck (At large)
- Adam Jackson (Treasurer)
- Rick Joyce (Grower rep)
- Andrew Koeser (At large)
- Patrick Miller (Past president)

Route Change for Tour des Trees



For all you bikers in the audience, please take note of a change in the destination point for the fall 2015 Tour des Trees. The route's starting point will still be Orlando. Riders will travel west and then south along the Gulf coast and across the Everglades before reaching the revised final destination of Fort Lauderdale.

ISA Leadership Workshop



Florida ISA sent four representatives to the recent ISA Leadership Workshop that is held each fall. Lori Ballard, Bonnie Marshall, Kim Paulson and Celeste White attended the workshop in Champaign, IL. These attendees returned with greater insight into International ISA and the assistance that International ISA staff can provide for local Chapter projects. They returned home with pride knowing that the Florida Chapter ranks highly among fellow Chapters, worldwide.

2015 Board Meetings



Board meeting schedule for 2015 (all meetings are scheduled to be held at the Orange County Extension office, 6021 S Conway Rd, Orlando, FL 32812)

- January 22
- April 17
- June 19
- September 25
- November 13

Happy Holidays From Florida Chapter ISA

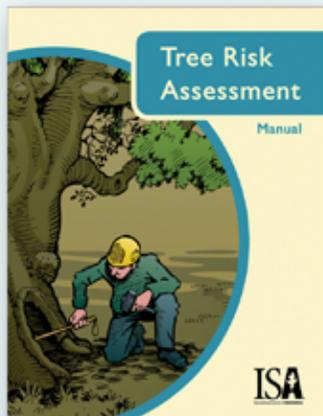


Florida Chapter ISA Presents
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3 days: *Wednesday February 11, 2015: 8 AM - 5 PM*
Thursday February 12, 2015: 8 AM - 5 PM
Friday February 13, 2015: 8 AM - noon

UF-IFAS Hillsborough County Extension
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This 3 day TRAQ class and exam is open to interested parties who meet the pre-requisites (see handbook) and is limited to 40 arborists (first-come/first-served). The qualification consists of a 2-day educational course followed by a ½ day assessment that includes both a written and field component. It is required that you attend the course and successfully complete the assessment in order to receive this qualification

Registration Closes January 6, 2015

[Click here to view the flyer](#) [Click here to register online](#)
[Click here to review the handbook](#)

For more information go to the Florida ISA web site. www.floridaisa.org



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Florida Chapter ISA - 2014 Education Schedule

*The schedule below is tentative and subject to changes.

Date	Seminar/Class	Location (s)	Open for Registration
December 4, 2014	Arborist Safety Workshop	Largo	<i>Register Online!</i>
January 7, 2015	Advanced Arboriculture	Ft. Lauderdale	<i>Register Online</i>
January 9, 2015	Advanced Arboriculture	Orlando	<i>Register Online</i>
February 11-13, 2015	TRAQ	Tampa	<i>Register Online</i>
February 2015	Trees & the Law	West Palm	
February 2015	Trees & the Law	Tallahassee	

Welcome!

New Florida Chapter Members

Here are the individuals that joined the Florida Chapter during the third quarter of 2014. If you see a name from your area of the state, look up their phone number online* and give them a call. Introduce yourself and find out what aspect of arboriculture the new member is involved in. Let's make the Florida Chapter friendlier. We're all working in different ways for the same goals. Get to know other chapter members. You might make some helpful connections for the future.

Steve Aaron, Tallahassee, FL

Bobby Baird, Jacksboro, TN

Harold Betancourt, Miami, FL

Nicolas Bofill, Miami, FL

Christopher Brown, Orlando, FL

Rosemary Culhane, Orlando, FL

Barbara Edmonds, Bronson, FL

Dennis Forgione, Boca Raton, FL

Miguel Gonzalez, Miami, FL

Kacy Keeffe, Tampa, FL

Jason Kelly, Palm Bay, FL

Peter Knaup, Beaver Dam, WI

Jonathon Mclaughlin, Longwood, FL

Drew McLean, Wimauma, FL

Davis Mendoza, Miami, FL

Sean Miller, Riverview, FL

Spyrithonas Ninos, Jacksonville, FL

Joan Perez, Miami, FL

Daniel Powell, Naples, FL

Manoushka Remgoene, North Miami, FL

Kestutis Rimas, Port St. Lucie, FL

Trevor Ross, Orlando, FL

Christopher Smerling, Tallahassee, FL

Christine Steurer, Micanopy, FL

Janet Suarez, Miami, FL

Mary Ann Teasley, Tallahassee, FL

Mark Webber, Dayton, OH

Anastasia Zito, Weirsdale, FL

*Go to <http://www.isa-arbor.com>, then go to "Members Only" and log in. Then go to ISA membership directory. If you do not know your log in for members only, contact ISA headquarters at (888) 472-8733. Once you log in, you can update your address, check your CEU's, edit or verify Certified Arborist information and search the membership list.

Letters to the Editor

We welcome your thoughts about Florida Arborist articles, about your Florida Chapter, or about tree issues in general.

Email your letters to:
floridaisa@comcast.net

or mail to:
Florida Chapter - ISA
7853 S. Leewynn Court
Sarasota, FL 34240

Please remember:
Letters should be no longer than 300 words.
We reserve the right to condense letters, or to edit as necessary.



An invitation to all members
to attend a
Board of Directors Meeting!
Call 941-342-0153
for specific times and locations

Up-coming 2015 Board Meeting - Dates & Locations

January 22, 2015 - Orlando

April 17, 2015 - Orlando

Arborist Certification Committee Report

By Norm Easey, Florida Certification Liaison

There is currently one ISA certification exam scheduled in Florida within the next six months.. [Click here for the specific dates](#). The ISA Certified Arborist exam is also now available at Pearson Testing Centers throughout Florida. See the ISA International web site www.isa-arbor.com for more information about the various ISA arborist credentials and how to earn them.

Florida Chapter currently has 1816 Certified Arborists.

The Florida Chapter would like to congratulate the following 11 individuals for earning their Arborist Certification Municipal Arborist Certification or Utility Arborist Certification during the third quarter of 2014:

Certified Arborist

Richard Eron Blaha, Plantation, FL
Cory A Burch, Inverness, FL
Matthew William Cooper, Winter Springs, FL
Cole M. Gainey, Leesburg, FL
Joseph V. Kitchens, Leesburg, FL
Shane P. Largent, Saint Petersburg, FL
Jeffrey Patrick, Orlando, FL
Travis Jordan Streeter, Tampa, FL
Kent Walia, North Miami, FL
Jonathan Wolfson, Pompano Beach, FL

Municipal Specialist

Betsy L Perretta, Saint Augustine, FL



Are you thinking about becoming certified?

[Visit the International ISA website](#)

to access the certification application handbook with further information.

International Society of Arboriculture Florida Chapter

Our Mission: "To Promote and Improve the
Scientifically Based Practice of Professional Arboriculture"



Arborist Code of Ethics

Strive for continuous self-development by increasing their qualifications and technical proficiency by staying abreast of technological and scientific developments affecting the profession.

Not misuse or omit material facts in promoting technical information, products or services if the effect would be to mislead or misrepresent.

Hold paramount the safety and health of all people, and endeavor to protect property and the environment in the performances of professional responsibilities.

Accurately and fairly represent their capabilities, qualifications and experience and those of their employees and/or agents.

Subscribe to fair and honest business practices in dealing with clients, suppliers, employees and other professionals.

Support the improvement of professional services and products through encouraging research and development.

Observe the standards and promote adherence to the ethics embodied in this code.



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