Massachusetts Urban & Community Forestry Program

The Citizen Forester

105th Annual Massachusetts Tree Wardens' and Foresters' Association Conference

By Rick Harper

On Tuesday, January 9, and Wednesday, January 10, the Massa-

chusetts Tree Wardens' and Foresters' Association (MTWFA) hosted 350 attendees and over 30 exhibitors at the Host Hotel in Sturbridge, MA. As is the tradition, the two-day event featured a trade show floor filled with exhibitors displaying equipment, technology, and literature for sale and for give-away, and educational sessions with a roster of well-known speakers. In addition to the annual business meeting and informative lectures, the conference also featured door prizes, opportunities for networking, and the popular lunchtime awards ceremony.

Speakers on the first day included state specialists from the Massachusetts Department of Conservation and Recreation (DCR) Julie Coop and Eric Reynolds. Ms. Coop, the Urban and Community Forestry Program Coordinator, outlined the annual Massachusetts Arbor Day Poster Contest, and discussed DCR community reforestation initiatives in Gateway Cities and the statewide grants programs. Mr. Reynolds, from the Forest Health Program, provided the latest information

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on forest health activities in the state, including an update on Asian longhorned beetle (ALB) in the Worcester area and the latest on emerald ash borer (EAB) biocontrols, as well as an update on southern pine beetle, winter moth, and hemlock woolly adelgid (HWA) – invasive insects all currently present in Massachusetts and known to be detrimental to tree health.

Also included on the day-one speaking roster was Robert Allen, Vegetation Management Director, Eversource, who discussed how a recent partnership with UMass Amherst resulted in the construction of an outdoor utility arboretum that demonstrates the impact of various growth habits of tree species in the immediate vicinity of power lines. From UMass-Amherst, Rick Harper, Extension



NO. 211

Assistant Professor of Urban & Community Forestry, and John Kinchla, owner of Amherst Nurseries, presented the latest on the benefits and drawbacks of field-grown vs. containerized growing systems, and shared why it is important for tree wardens and urban forest managers to consider urban tree production methods when purchasing trees. The day wrapped up with Dr. Brian Kane, Professor of Commercial Arboriculture, UMass-Amherst, who discussed current research aimed at giving helpful insights into the effect of pruning and cabling on the likelihood of tree failure, and keynote speaker Don Blair, owner of Blair's Arborist Equipment, who detailed the anatomy of a catastrophic rigging failure that unfortunately resulted injury to the climber.

On the second day, attendees received a history lesson from Mr. Blair about the changing profession of arboriculture over the last 150 years. Early iterations of modern-day tools, such as chainsaws, chippers, and spurs were discussed. Blair also highlighted pruning techniques, like topping, that have changed over the years. Chris Rooney, Lead Supervisor, National Grid, discussed the complexities associated with dealing with downed wires – and the ensuing cleanup – from the utility perspective.

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105th Annual Massachusetts Tree Wardens' and Foresters' Association Conference

(Continued from page 1)

Specialists from University of Massachusetts Extension were also well represented on the second day of the conference. Tawny Simisky, Extension Entomologist, provided an update on the insect pests and pressures from 2017. A number of scale insects and, as many remember, gypsy moth, were prolific throughout Massachusetts throughout this past growing season. Dr. Nick Brazee, Extension Pathologist and Plant Diagnostic Director, closed the speaker roster with an update on woody plant diseases that he saw in the lab in 2017. According to Dr. Brazee, many plants were still suffering from the effects associated with the hot, dry conditions of 2015 and 2016. Select diseases were noted, like anthracnose and tar spot on shade trees.

The lunchtime awards ceremony featured the presentation of the George E. Stone Award, the President's Award, and the 2018 Seth H. Swift Tree Warden of the Year Award. The Stone Award is the highest award bestowed by this organization, exemplifying a member who has continuously demonstrated outstanding dedication, with many hours of volunteer service to the organization and to the furtherance of the urban forestry profession. The award was presented to Pat Ellis, from Orleans. The President's Award was designed to acknowledge exemplary service to the association and to the President, and was presented to Ed Casey, Tree Warden from the City of Springfield. The Seth H. Swift Tree Warden of the Year Award was presented to Dave Lefcourt, Tree Warden from the City of Cambridge. This award was created in 2000 to recognize individual tree wardens who exhibit notable leadership, dedication, and commitment to the profession. Among other criteria, the individual must hold the position of Tree Warden in their municipality, their community must actively participate in the Arbor Day Foundation's Tree City USA program, and the individual must demonstrate active leadership and dedication to the protection of urban trees, including outreach and education to community members. The recipient is presented with a sculpture of a silver, windswept tree and an announcement online and in the quarterly newsletter, The Bark. Congratulations, to Pat, Ed, and Dave!

For more information about the conference and how you can nominate *your* community's tree warden for Tree Warden of the Year, visit the MTWFA website at: <u>www.masstreewardens.org</u>.

Congratulations to the MTWFA on the completion of yet another successful annual conference – 105 years and growing strong!

Rick Harper is Extension Assistant Professor in the Department of Environmental Conservation, UMass-Amherst.

From the Massachusetts Tree Wardens' and Foresters' Association 2018 Arbor Day Seedling Program

The association sells seedlings to fund its scholarship program and to promote Arbor Day and tree planting. The <u>2018</u> order form is now available. The seedling order deadline is April 15. Seedling purchasers include municipalities, garden clubs, private firms, arborists, and other interested individuals and organizations. Seedling proceeds support<u>annual</u> scholarships for college arboriculture students. See a <u>list of past recipients</u>.

Seedlings may be distributed to schoolchildren and other Arbor Day participants. The seedling gifts may be part of a ceremony or presentation that promotes Arbor Day and the value of trees to people and the environment. Buyers have also used seedlings as favors at weddings and as promotional items at Earth Day activities. Find out more at http://masstreewardens.org/arbor-day-seedling-program/.

Species Spotlight—Staghorn sumac, Rhus typhina



By Mollie Freilicher This month's species is native species, perhaps one you might even call an underdog: staghorn sumac,

Rhus typhina. Staghorn sumac is native to the northeastern United States and Canada, with a range



extending west to Minnesota, south to Tennessee and northern

Georgia (where it is spotty), and east to the coast of South Carolina. A tree of edges and disturbed sites,

staghorn sumac typically takes the form of a large shrub or a weedy-looking tree, with a flattopped crown and a coarse texture. It is a fast-grower and grows to 15-25 feet. Staghorn sumac spreads clonally, so you will often find it growing in large colonies. Staghorn sumac is hardy to zone four. It gets its common name from its stem, which, covered in velvety soft hairs, resembles antlers of a deer.



One of the defining features of staghorn sumac is the pinnatelycompound leaf. Leaves are alternate, and are comprised of 13-27 leaflets, including a terminal leaflet. Leaflets are lanceolate to oblong, two to five

inches long and up to two inches wide. The leaflets are serrate and have a pointy tip. Leaves are bright green in color above, with somewhat waxy undersides. When leaflets are young, they are slightly pubescent. In the fall,

leaves turn scarlet, yellow, or orange and can be stunning.

The stems, as mentioned, are velvety and also stout. Twigs are aromatic when broken. The flowers of staghorn sumac are green-yellow and form panicles, when they bloom in early summer. Staghorn sumac is dioecious, with male flowers and female flowers occurring on separate plants.



In late summer, female flowers will ripen into red drupes. These bright red panicles, in addition to the fall color of the leaves, helps staghorn sumac stand out in the fall. Russ Cohen, our edibility expert, recommends

making "sumacade" or "rhus juice" from the fruit; his recipe is below. Once you start preparing the fruit, the whole process should take about five

To make Sumacade:

minutes.

- I. Place berry clusters in a bowl;
- 2. Add I-2 guarts lukewarm or colder water:
- 3. Knead /rub the berry clusters in the water for 4-5 minutes (see how the water takes on a pinkish-orange color);
- 4. Remove and discard the spent berries:
- 5. Pour the liquid through a paper towel or equivalent filter; and
- 6. Serve the Sumacade hot or cold. sweetened or unsweetened. (I usually serve it cold and sweetened, like lemonade.)

For more information on sumacade, check out Russ's book Wild Plants I Have Known...and Eaten, published by the Essex County Greenbelt Association.

Staghorn sumac transplants well, can tolerate many different types of soils, and does not have serious pest concerns. Because of its perhaps weedy appearance, staghorn sumac is not something one would plant as a specimen, but it is a good choice for naturalized areas, edges, or waste areas, where massing is ideal.

Dirr, M. A. 1998. Manual of Woody Landscape Plants. 5th Ed. Champaign, IL: Stipes.





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Step 4.



Step 5.



In Memorium—Mary Ann Wordell

By Mollie Freilicher

We lost a great advocate for trees with the passing of Mary Ann Wordell, 78, of Fall River, on December 26, 2017. Mary Ann was the force behind the Fall River Street Tree Planting Program, a non-profit group that not only planted trees in Fall River, but also raised public awareness of trees and advocated for the proper care and maintenance of trees in the city.

In March 2017, at the organization's annual Fall River Urban Forestry Workshop, Mary Ann took a few moments to talk about how the group got started. For 35 years, Mary Ann traveled along Highland Ave and Robeson Street to Charlton Memorial Hospital or to the former Truesdale Hospital where she was a Registered Nurse. Over the years, she saw the gradual decline of trees on those streets and decided that when she retired, she would do something about it. An active member of the Garden Club in Fall River, Mary Ann asked the Board of Directors if the club would support a tree planting program in the city. The club enthusiastically agreed, and in 1996, with commitment from the Mayor and the director of the tree department, the public-private partnership that would later become an independent non-profit group, began.

The Garden Club purchased the trees for the fledgling effort, and the city provided labor for planting. By 2000, the group was ready to become independent and the Fall River Street Tree Planting Program became a 501(c)3. Throughout this process, Mary Ann and a small group of volunteers moved the program forward.

Mary Ann was a tireless advocate for trees in the city, and that is reflected in some of the major urban forestry goals the city achieved. Some of those include, planting over 2,000 trees, creating a management plan, passing a tree ordinance, completing a survey and inventory, contracting a qualified arborist for the city, holding tree steward classes and an annual urban forestry workshop, creating a Memorial Grove, and establishing a tree nursery, which was named in Mary Ann's honor in 2014. Under her watch, Fall River also became a Tree City USA. Mary Ann and the Fall River Street Tree Planting Program, and numerous partners, helped achieve these major goals.



Photo courtesy of Maggie Norton.

Mary Ann was no stranger to the DCR Urban and Community Forestry Program and reached out for technical advice, training, and support through grants over the last 20 years. She also was a familiar face at our Tree Steward Trainings, attending on several occasions. Mary Ann – you will be dearly missed.

Mary Ann's passion for trees and for her community – and her willingness to take action to make her city better - are an inspiration to all who want to make their communities a little greener.

Mary Ann's <u>obituary</u> was published in *The Herald* on December 29, 2017.

Growing on Trees

DCR Arbor Day Poster Contest—Deadline March 15

You are invited to join fifth-grade teachers across Massachusetts in the 2018 Arbor Day Poster Contest, sponsored by the Department of Conservation and Recreation, the U.S. Forest Service, and the Massachusetts Tree Wardens' and Foresters' Association. This year's theme, "My Community, My Trees" is designed to increase students' understanding of trees and

the role trees play in their community.

- To participate, have 5th grade students create posters around the theme "My Community, My Trees"
- Hold a school poster contest. (Home schooled or non-participating school students may sub-• mit their posters and enter the contest individually. See contest instructions for details.)
- Submit the winning poster to DCR. .
- DCR will select the winning posters. Winners are recognized in a ceremony and receive many Walpole. prizes.

For more information go to the DCR Urban and Community Forestry website or download the detailed instructions (PDF). Contest deadline: March 15, 2018

Questions on the program? Contact Mollie Freilicher 413-577-2966 or mollie.freilicher@state.ma.us

Urban Forestry Today Webcast

February I, 2018 | 12:00 - 1:00 p.m. (Eastern)

Urban Forests for Urban Futures: How Trees Help Create Better Cities

Join Professor Cecil Konijnendijk, Ph.D., University of British Columbia, as he discusses the latest research detailing how trees help to improve our quality of life and quality of the environment – in urban settings.

Attend live and receive Free ISA/MCA CEUs by visiting <u>www.joinwebinar.com</u> and entering the code: 901-377-419

The Urban Forestry Today Webcast Series is sponsored by the University of Massachusetts Department of Environmental Conservation, in cooperation with the USDA Forest Service, Massachusetts Department of Conservation and Recreation, University of Massachusetts Extension, and Massachusetts Tree Wardens' & Foresters' Association.

TREE Fund Webinar

February 22, 2018, 1:00 -2:00 p.m. (Eastern)

Do Planting Stock Decisions Really Make Much Difference Down The Road? Dr. Michael Arnold, Texas A&M

Pre-registration is recommended. For more information, go to https://www.treefund.org/ webinars.

Urban Forest Connections

The USDA Forest Service's Urban Forest Connections webinar series brings experts together to discuss the latest science, practice, and policy on urban forestry and the environment. These webinars are open to all. Past webinar presentations and recordings are available here.

From Street to Structure: Innovative Harvesting and Utilization of Whole Urban Trees February 14, 2018 | 1:00 - 2:15 p.m. (Eastern)



Future webinars:

All times are Eastern March 14, 2018 | 1:00-2:15 p.m. April 11, 2018 | 1:00-2:15 p.m. May 9, 2018 | 1:00-2:15 p.m.

To access the webinar, go to https://www.fs.fed.us/research/ urban-webinars/.

USFS: Amanda Egan

First place winner-2017. Sophia K. Elm Street School,

Growing on Trees

From UMass Extension UMass Extension Landscape Safety Conference

Tuesday, February 6, 2018, 8:30 a.m. - 3:30 p.m. | Doubletree Hotel, Milford, MA

This program will explore many topics that are important for landscapers, arborists, tree wardens, lawn care professionals, grounds managers, and essentially any professionals working in outdoor environments. Topics include mosquito and tick prevention and safety; tick testing services provided by the Laboratory of Medical Zoology; poisonous plants you are likely to encounter and strategies to keep yourself safe; pesticide storage, transportation, and use safety, including personal protective equipment (PPE) to wear when working with pesticides. <u>Find out More</u>.

UMass Extension 39th Annual Community Forestry Conference Ecological Perspectives of the Urban Forest

Tuesday, March 6, 2018 - 8:45 a.m. - 3:30 p.m. | Bowker Auditorium, UMass Amherst

This conference is designed for tree care professionals, volunteers, and enthusiasts, including arborists, tree wardens, and municipal tree care specialists, foresters, landscape architects, and shade tree committee members. Topics include: Safe Pruning Practices to Reduce Risk and Enhance Wildlife, i-Tree as a Tool for Assessing Urban Wildlife Habitat and Landscapes, An Introduction to Using Unmanned Aerial Vehicles (Drones) to Inventory Resources, and From the Diagnostic Lab: What Can We Expect This Growing Season?

Sponsored by UMass Extension in cooperation with the UMass Department of Environmental Conservation, the Massachusetts Department of Conservation and Recreation, and the USDA Forest Service Urban Natural Resources Institute.

Find out more. www.umassgreeninfo.org

The 2018 UMass Extension Green Directory

The <u>UMass Extension Green Directory</u> is a comprehensive print guide to educational resources for Massachusetts Agriculture and Green Industry professionals. This 45-page guide is a useful reference all year long!

Ecological Landscape Alliance

24th Conference & Eco-Marketplace March 7- 8, 2018 | UMass-Amherst From the practical to the inspirational, join us as we explore a range of topics, from designing and maintaining landscapes for maximum carbon capture to looking at the intuitive side of design. Some sessions include: Keeping Carbon in the Ground: A Scientific Exploration of Climate Change and Soil Health Kristen DeAngelis, PhD • Carbon Mitigation Through Soil & Plant Management Eric Toensmeier • Capturing Carbon with Trees Christopher Woodall, PhD and David Bloniarz, PhD • The Challenges of Restoring Urban Native Habitat Steven N.

For more information and to register, go to Ecolandscaping.org.

Handel, PhD • Idea Exchanges • and MORE

Western Mass Tree WardensDinner Meeting

March 13, 2018 | 5:00 – 7:30 p.m. Bluebonnet Diner, Northampton Cost \$30

How Does Climate Impact Trees? Rick Harper, Ext. Asst. Professor, UMass-Amherst

Western Mass's Changing Climate Alex Bryan, Climatologist, U.S. Geological Survey

MCA and ISA credits have been requested.

For more information and to register, go to www.masstreewardens.org

Growing Greener—in Concord

The town of Concord recently completed an inventory and assessment of all public shade trees. A major goal of the inventory was to enable the Tree Warden to prioritize maintenance schedules to better manage public trees in the community. Additionally, the town will use the inventory to educate residents, the select board, and town officials about the benefits of trees and the importance of a fully-funded forest maintenance program. The inventory will lay the groundwork for an urban forestry management plan in the future. Concord completed the inventory with funding from the DCR Urban and Community Forestry Challenge Grant. To find out more about the Challenge Grant, go to: <u>https://www.mass.gov/</u> <u>guides/urban-and-community-forestry-challenge-grants</u>.



View of 1840s Concord. Note all the trees!

From the New England Chapter ISA Arbor Day Grant

This grant awards up to \$1,000 to a municipality, non-profit organization, institution that demonstrates need to promote and support their Arbor Day celebration. Communities must complete and submit their Arbor Day Grant application by March 31, 2018.

For more information and to apply, go to the Grants and Scholarships page on the New England Chapter ISA <u>website</u>.



Scholarships for High School, Undergraduate, and Graduate Students

The New England Chapter ISA offers scholarships to students pursuing two-year, four-year, or graduate degrees in arboriculture, urban forestry, and related fields. One scholarship is open to graduating high school seniors and two scholarships are for current undergraduate and graduate students. The deadline to apply is April 1.

For complete information, go to the Grants and Scholarships page on the New England Chapter ISA website.

Application Period Opens for 2018 Massachusetts Excellence in Energy and Environmental Education Awards

The Executive Office of Energy and Environmental Affairs (EEA) is now accepting nominations for its annual Secretary's Awards for Excellence in Energy and Environmental Education until March 30, 2018. EEA Secretary Matthew Beaton will present awards this spring to Massachusetts teachers and students involved in school-based programs that promote environmental and energy education.

All public and private Massachusetts schools (K-12) that offer energy and environmental education programs are eligible to apply for the Secretary's Award. In 2017, 33 schools and nonprofit organizations across the state were recognized for their work on issues, including air quality, energy conservation, renewable energy, ocean science, and wildlife conservation. Read the full <u>press release</u> to find out more.

Sustainable Communities and Campuses Conference

April 27, 2018 | Plymouth

Call for <u>Presenters</u> and <u>Exhibitors</u>! This conference will connect people, promote best practices and resources, and advance sustainability in communities and on campuses. Participants include governments; grass-roots, business, and education stakeholders; and, everyone learning about sustainable practices. <u>www.MaSustainableCommunities.com</u> THE CITIZEN FORESTER

Gleanings

Habitat on the Edges: Making Room for Wildlife in an Urbanized World

By Richard Conniff

January 3, 2018—Efforts to protect biodiversity are now focusing less on preserving pristine areas and more on finding room for wildlife on the margins of human development. As urban areas keep expanding, it is increasingly the only way to allow species to survive. Read the full story at <u>Yale Environment360</u>.

From the Northeast Region Cohesive Wildland Fire Management Strategy A View from the Field: An Interview with Dave Celino, of MA DCR

Devin Wanner, Public Affairs Specialist, U.S. Forest Service, Northeastern Area State and Private Forestry Dave Celino, Chief Fire Warden, State of Massachusetts

January 2018

What are some of the challenges for the wildland fire program in your state/agency? Massachusetts most likely doesn't vary much with our neighboring northeast states when looking at challenges for our wildland fire program. Depleting state operating budgets, which leads to shrinking program staff, has been a progressing challenge over the past 20 years. Another challenge has been lower occurrence of fire acreage numbers, compared to historic Massachusetts wildland fire occurrence up to just 50 years ago. This lures the public, the fire service, and our state government into a false sense of security that wildland fire is no longer an issue in our state. Our challenge is to keep these historical lessons learned front-and-center when educating the public and government leaders. Read the full interview in this update from the <u>Northeast Region Cohesive Wildland Fire Management Strategy</u>.

Saving Trees That Helped Save Dust Bowl America

January 12, 2018—The Great Plains were the nation's breadbasket, but drought in the 1930s created the Dust Bowl. President Franklin Delano Roosevelt's solution was to plant trees as a shelterbelt to help hold back the dust. The plan worked, but now some farmers, forced by economic necessity to maximize crop yields, are cutting them down. Journalist Carson Vaughan of the Food and Environment Reporting Network joins Host Steve Curwood to examine the country's increasingly vulnerable great wall of trees. Read or listen to this (12-minute) story from Living on Earth.



News

Baker-Polito Administration Awards \$1.5 Million to Springfield for Tree Planting Program

January 26, 2018 (Boston) — The Baker-Polito Administration today expanded the Greening the Gateway Cities Program to include the City of Springfield, and awarded the city \$1.5 million to plant 2,400 trees. The program, which targets the Commonwealth's 26 Gateway Cities, is designed to utilize tree plantings as a way to reduce energy use in urban neighborhoods by lowering heating and cooling costs for residents and businesses. Since the program's inception in 2015, more than 11,000 trees have been planted in 13 of the state's 26 Gateway Cities.

"This program is an excellent opportunity for the Commonwealth to invest in the future of our Gateway Cities, while reducing energy consumption and lowering greenhouse gas emissions," said Governor Charlie Baker. "Thanks to this grant from the Greening the Gateway Cities Program residents of three Springfield neighborhoods will benefit from lower energy consumption, cleaner air, and reduced stormwater runoff," said Energy and Environmental Affairs Secretary Matthew Beaton. "Tree plantings achieved under the Program continue to be a great way to achieve multiple benefits for residents, business owners, and the City of Springfield." Read the full press release <u>here</u>.

THE CITIZEN FORESTER

News

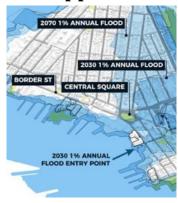
USDA Forest Service Northeastern Area Staff Honored as Part of Urban Waters Partnership

Washington-The nonpartisan, nonprofit Partnership for Public Service announced the 2017 winners of the Samuel J. Heyman Service to America medal in September. The highly respected "Sammies," known as the "Oscars" of Government service, highlight excellence in the federal workforce. The winner in the People's Choice Public Service Award category was the interagency Urban Waters Federal Partnership. Team members, who include the Northeastern Area's Donna Foster, Drew Hart, Jill Johnson, Sheela Johnson, Julie Mawhorter, John Parry, Jeremy Peichel, and Phillip Rodbell, were recognized for "unwavering dedication to revitalizing urban waterways and surrounding lands, spurring economic development, and reversing decades of neglect." Despite modest resources, the partnership is active in more than 250 locations nationwide. With the Environmental Protection Agency's support, matched by other Federal and private partners, the program has improved more than 22,000 acres of land, planted over 80,000 trees, and engaged an estimated 100,000 community members.

The Urban Waters Federal Partnership also received a Chief's Honor Award for Fiscal Year 2017 in the category Delivering Benefits to the Public. The partnership was one of 85 nominations in 5 categories. An awards ceremony was held in December, in conjunction with the National Leadership Council. From the Northeastern Area State and Private Forestry <u>newsletter</u>. <u>Read more about the partnership</u>.

To Become More Resilient, Boston Takes a "Landscape First" Approach By Jared Green

January 17, 2018—Instead of simply responding to catastrophe, Boston is getting out front on climate change. As part of its <u>Climate Ready Boston</u> plan, the city of 670,000 aims to act fast and <u>protect two coastal neighborhoods</u> most vulnerable to rising sea levels and storms: East Boston and Charlestown. New neighborhood-level <u>plans for these neighborhoods</u> explain how a simple fix like creating a temporary flood wall at the coastal end of the East Boston Greenway, at a cost of just \$100,000, would protect 4,300 residents, 70 businesses and critical infrastructure and result in \$17 million in benefits. Read the full story at <u>The Dirt</u>.



News Headlines in Brief

<u>Considering Trimming or Getting Rid of an Old Tree? Not so fast.</u> <u>As Ash Borer Barrels Through North American Forests, Scientists and Tribes Team Up To Make a Stand</u> <u>New Insight into Climate Impacts of Deforestation</u> <u>Many Midwestern Retailers Sell Mislabeled Invasive Vines</u> <u>Walnut Trees Allowed to Shed Their Nuts on Cars, Frankfurt, Germany, Court Rules</u>

Are you thinking about...

having your **community** become a **Tree City USA** this year?

or having your college or university become a Tree Campus USA this year? or having your utility become a Tree Line USA this year?

Contact Mollie Freilicher, 413-577-2966 or mollie.freilicher@state.ma.us to find out how you can make this happen!





On the Horizon

- Feb IUrban Forestry Today Webcast, 12:00 p.m.,
www.joinwebinar.com; code 901-377-419
- Feb 6 Landscape Safety Conference, UMass Extension, Milford, www.umassgreeninfo.org
- Feb 14 Urban Forest Connections Webinar, 12:00 p.m., https://www.fs.fed.us/research/urban-webinars/
- Feb 18 Municipal Forestry Institute 2018,-23 Society of Municipal Arborists, Litchfield, CT
- Feb 22 TREE Fund Webinar, 1:00 p.m. www.treefund.org
- Feb 27 Safety Saves and Annual Meeting, Mass. Arborists Assoc., Wellesley and Framingham, <u>www.massarbor.org</u>
- Mar 6 UMass Community Tree Conference, Amherst www.umassgreeninfo.org

- Mar 13 Western Mass. Tree Wardens Meeting, Northampton, Topic: Trees and Climate Change, <u>www.masstreewardens.org</u>
- Mar 15 Deadline for DCR Arbor Day Poster Contest
- Mar 27 Safety Saves and Dinner Meeting, Mass. Arborists Assoc., Wellesley and Framingham, <u>www.massarbor.org</u>
- Mar 28 Webinar: Impacts of Climate Change on <u>Massachusetts: Science in the Support of State</u> <u>Policy</u>, 3:30, <u>https://necsc.umass.edu</u>
- Apr 7 MCA Exam, Mass. Arborists Assoc., Wellesley, www.massarbor.org
- Apr 27 Arbor Day in Massachusetts

The Citizen Forester is made possible through a grant from the USDA Forest Service Urban and Community Forestry Program and the Massachusetts Department of Conservation and Recreation, Bureau of Forestry.

Bureau of Forestry

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Mollie Freilicher, Community Action Forester mollie.freilicher@state.ma.us, (413) 577-2966

www.mass.gov/dcr/urban-and-community-forestry

If you have a topic you'd like to see covered or want to submit an item to *The Citizen Forester* (article, photo, event listing, etc.), contact <u>Mollie Freilicher</u> or click <u>here</u>.

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Karyn E. Polito, Lieutenant Governor
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Leo Roy, Commissioner, Department of Conservation and Recreation
Peter Church, Director of Forest Stewardship, Department of Conservation and Recreation

dcr Massachusetts



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