

27th Annual ReLeaf Conference

July 18-20, 2019

**Mount Saint Mary College
Newburgh, New York**



**New York
ReLeaf**

Community Forestry in a Rapidly Changing World



nationalgrid

Credits for ISA, DEC, CNLP, SAF, AICP, LA, and Planning and Zoning Boards will be available

Registration Brochure

Register online at: <https://nysufc.org/2019-releaf-registration/>

Conference Programming

Thursday, July 18

- 10:30 a.m.-3:00 p.m.** Sponsor/Vendor exhibit set up
- 1:00 p.m.-3:30 p.m.** New York State Urban Forestry Council Board Meeting
- 4:00 p.m.-5:30 p.m.** Ongoing sponsor/vendor exhibit
- 4:00 p.m.-7:00 p.m.** Registration and dorm check-in, Aquinas Hall, the Atrium
- 4:00 p.m.-6:00 p.m.** Tour of Downing Park in Newburgh, Liberty Street, Safe Harbor
Downing Park is an Olmsted and Vaux park named in honor of Andrew Jackson Downing
- 6:00 p.m.-7:00 p.m.** Annual Council Members Meeting, Aquinas Hall
*Note: Dinner on your own before the annual meeting or after the reception.
- 7:00 p.m.-9:00 p.m.** Urban Forestry Council Members Reception

Friday, July 19

- 7:00 a.m.-5:00 p.m.** Registration and dorm check-in/meet with exhibitors, Aquinas Hall, the Atrium
- 7:00 a.m.-8:30 a.m.** Breakfast (for those staying in dorms)
- 8:30 a.m.-9:00 a.m.**
"Community Forestry in a Rapidly Changing World"
Welcomes by invited speakers:
Representative from the City of Newburgh
Dr. Douglas Robinson, Associate Professor of Biology, Mount Saint Mary College
NYS Urban Forestry Council President
Moderator: Gloria VanDuyne
- 9:00 a.m.-9:45 a.m.**
Plenary - Climate Trends in New York State and their Impact on Flood Frequency
David Vallee, Hydrologist-in-Charge, Northeast River Forecast Center, National Weather Service
Moderator: Karen Emmerich
- 9:45 a.m.-10:15 a.m.**
Plenary - Adapting Urban Forests
Leslie Brandt, Ph.D., Climate Change Specialist, US Forest Service
Assessing Climate Change Vulnerability of Urban Forest and Natural Ecosystems in the Mid-Atlantic Region - Adaptive Capacity vs Potential Impacts.
Moderator: George Profous
- 10:15 a.m.-10:30 a.m.** Intro to exhibitors

10:30 a.m.-11:00 a.m. **Break/Visit exhibitors**

Morning Workshop I

Moderator: Stephanie Radin

11:00 a.m.-11:45 a.m.

Forest Health Update: Spotted Lanternfly and Oak Wilt

Speaker: Rob Cole – Forester NYS Department of Environmental Conservation

This presentation will cover identification, biology, life cycle, and the impacts of spotted lanternfly (SLF). SLF is a new pest of tree of heaven, grapes, apples, and hops that is active in PA. We will discuss NY's survey activities and planned response, including herbicides for tree of heaven and insecticides for SLF. An update on the status of oak wilt in NY will be given, including the latest management techniques used by DEC. Case studies from NY illustrating mechanical and chemical treatments for containing oak wilt will also be discussed.

11:45 a.m.-12:30 p.m.

Quarantines and Regulations for Wood Movement

Speaker: Erin Brady – Environmental Program Specialist, NYS DEC

Do you know the difference between the NYS firewood regulation and quarantine regulations that affect the movement of wood? Both restrict the movement of firewood, leading to confusion between them. Erin will cover both the firewood regulations and quarantine regulations that help protect our forests by restricting the movement of wood.

Morning Workshop II

Moderator: Ginny Hancock

11:00 a.m.-11:30 a.m.

Mapping an Invasion: Student Engagement in an Urban Natural Resources Inventory

Speaker: Jen Rubbo, Manager, Environmental Cooperative at Vassar Barns, Vassar College

In 2016, the Environmental Cooperative at the Vassar Barns received funding from the New York State Environmental Protection Fund and NYS DEC Hudson River Estuary Program to complete a Natural Resource Inventory (NRI) for the City of Poughkeepsie, NY. Environmental Cooperative's mission is to engage students in community conservation. Using the College's GIS resources, faculty expertise, and class projects, students completed drafts of specific chapters of the NRI. As part of the NRI students mapped the invasion of *Agrilus planipennis* (Emerald Ash Borer, EAB) on city street trees. Using a street tree inventory, *Fraxinus sp.* (Ash) were plotted in ArcGIS and field verified. In collaboration with the City's Shade Tree Commission, management recommendations and educational materials have been compiled for use by municipal officials. These results and materials will be used to prioritize replanting efforts and educate citizens about EAB.

11:30 a.m.-12:00 p.m.

From Planting and Pruning to Master Planning: Youth on the Front Lines of Urban Forestry

Speaker: Onondaga Earth Corps (OEC) team, accompanied by Greg Michel, Executive Director

OEC staff and crew members will speak about the benefits of engaging local youth in community urban forestry work, from simple maintenance to sophisticated community outreach, structural pruning, and even master planning.

12:00 p.m.-12:30 p.m.

The Urban Forestry Program at Putnam County BOCES

Speaker: John Madden, Instructor, Putnam County Urban Forestry Program

The Putnam County Urban Forestry program gives students hands on experience in tree care, green technology, and forestry techniques. Students earn college credits and complete industry certifications while learning career skills and making connections through internships and projects.

Morning Workshop III

Moderator: George Profous

11:40 a.m.-11:45 a.m.

Climate Change Impacts and Adaptation Strategies for New York's Urban Trees.

Speaker: Leslie Brandt, Ph.D., Climate Change Specialist, USFS

In the coming decades New York's urban areas are expected to be impacted by increased temperature, shifts in precipitation, sea level rise, and more heavy storms. Urban trees along streets, in yards, and in parks may be vulnerable to these impacts, but there are things we can do to adapt. This presentation will discuss how to assess the vulnerability of urban trees to climate change and what trees may be particularly vulnerable in different parts of the state. Examples of strategies for adapting and resources for developing your own adaptation plan will also be provided.

11:45 a.m.-12:30 p.m.

Invasive Trees and Ornamental Alternatives

Speaker: Joyce Tomaselli, Cornell Cooperative Extension - iMAP Invasives

Some urban trees intentionally planted as ornamentals have become invasive. Other invasive trees have moved into urban areas on their own. Learn how to identify common invasive trees and how the iMapInvasives app can be used for reporting. Then learn about specific ornamental trees that are good alternatives to invasive species in an urban environment.

12:30 p.m.-1:00 p.m. Lunch

Afternoon Workshop I

Moderator: Karen Emmerich

1:45 p.m.-2:45 p.m.

Urban Green Stormwater Infrastructure

Speaker: Brian Gyory, EFC Green Infrastructure Coordinator

Learn about the NYS Environmental Facilities Corporation (EFC), who they are, and what incentives they have to help finance green infrastructure. Brian will present case studies that look at various projects around New York State and feature green stormwater infrastructure in the urban environment.

2:50 p.m.-4:00 p.m.

An Overview of Storm Water and Stream Corridor Management Projects Implemented by Orange County Soil and Water Conservation District

Speaker: Kevin Sumner, District Manager, Orange County Soil & Water Conservation District

Orange County Soil and Water Conservation District (SWCD) has taken an active role in accelerating the acceptance and adoption of Green Infrastructure and Runoff Reduction practices. They have planned, designed and constructed about a dozen stormwater filtering practice demonstration projects. This presentation will describe some of these projects as well as some lessons learned in the

process. They are currently engaged in an ambitious flood mitigation initiative for their 16,000-acre black dirt farming region. The presentation will describe the floodplain benching component of the initiative, which attempts to provide 10-year flood protection to the region's croplands while creating new and expanded woody riparian buffers along the Wallkill River corridor. The presentation will also briefly describe the SWCD's community riparian tree planting efforts undertaken in cooperation with the NYS DEC Trees for Tribes program.

Afternoon Workshop II

Moderator: Kippy Boyle

1:45 p.m.-4:00 p.m.

Guided Tour of Storm King Art Center

Storm King's new exhibit, *Indicators: Artists on Climate Change*, features the work of 17 artists drawing inspiration from Storm King's landscape and local ecosystem to address larger global climate trends. The exhibit aims to inspire visitors to think about climate change from anew.

Afternoon Workshop III

Moderator: Marcy Denker

1:45 p.m.-4:00 p.m.

Guided Tour of Long Dock Park: A Case Study in Ecological Transformation and Resilient Design with Scenic Hudson

Tour Long Dock Park, Scenic Hudson's remediated waterfront site that features green infrastructure, kayak access to the river, and a sustainable landscape design.

Ongoing Program

Afternoon, ending at 5:00 p.m.

Outdoor Demonstration - Hannah Vaughan - Urban Wood Chair

Hannah Vaughan Studio is a process driven studio focused on an anthropological approach to furniture and architectural projects. Hannah will showcase her skills in this urban wood chair demonstration.

5:30 p.m.-9:00 p.m.

Picnic - Thomas Bull Park and Orange County Arboretum

Enjoy a gourmet taco buffet in this beautiful Orange County park and enjoy a tour of the County Arboretum!

Saturday, July 20

7:00 a.m.-8:15 a.m. Breakfast (for those staying in dorms)

7:00 a.m.-8:30 a.m. Registration

8:30 a.m.–9:45 a.m.

Keynote: Forest Lessons in a Changing Climate

Speaker: Andrew Revkin, Strategic Advisor, Media Innovation, National Geographic

Moderator: Karen Emmerich

Forests and the trees within provide important lessons and options, as human communities, always too slowly, begin to recognize the need to build a more sustainable, resilient relationship with climate and the biosphere. Andrew Revkin, in his fourth decade exploring and writing about the changing environment, describes insights gleaned in reporting on forests and the people around them from the Amazon to the Arctic to the Adirondacks.

9:45 a.m.–10:15 a.m. Break/Visit vendors

Morning Workshop I

Moderator: Stephanie Radin

10:15 a.m.–11:00 a.m.

Urban Forest Strike Team: Assessing Tree Damage After Disasters

Speaker: John Parry Acting Urban and Community Forestry Program Manager, USFS Eastern Region

Natural disasters cause significant damage each year to our urban forests, and the damage assessment and recovery work is a challenge for many communities. The Urban Forest Strike Team (UFST) initiative was developed by the States and U.S. Forest Service and involves recruiting and training professionals to assess urban tree storm damage using arboriculture and FEMA standards. The goals are to assist communities in need, provide increased public safety, reduce loss of the urban tree canopy, document disaster recovery needs and costs for possible FEMA reimbursement, and provide for more efficient recovery. General information on storm readiness, response and recovery will also be discussed.

11:00 a.m.–12:00 p.m.

Heat Island Effects on Trees

Speaker: Andrew Reinmann, Ph.D., CUNY Advanced Science Research Center, Hunter College, Dept. of Geography

Urban forests play an important role in climate mediation and the urban heat island mitigation effect through shading, transpiration, and sequestration of atmospheric carbon dioxide. However, urbanization, fragmentation, and climate change can alter the growing conditions and the capacity of trees and forests to perform these vital ecosystem services. Our recent and ongoing research indicates that forest fragmentation can stimulate forest growth, but also increase forest sensitivity to heat stress. We also find that warmer and longer growing seasons may increase forest growth but warmer winters with less snow can offset those gains. Dr. Reinmann will present on this ongoing research and discuss new projects aimed at quantifying the capacity of trees across urban landscapes to cool their surroundings.

Morning Workshop II

Moderator: Sophia Rodbell

10:15 a.m.–11:15 a.m.

From Small Beginnings to Big Trees in the City: Case Studies

*Speakers: Andy Hillman, Regional Business Developer, Davey Resource Group
George Profous, Region 3 Senior Forester, NYS DEC*

When it's all said and done, how do we move our communities to invest in trees wisely or

indeed, at all? The basics: picking the best trees, how to convert bad sites to good sites, the young tree structure that foreshadows future weak branches and stems, early pruning to correct problems, if larger planting stock is better, and simple steps to insure trees are planted well to avoid sidewalk damage will be covered. Benefits versus costs of increasing survival of older and larger trees using basic tree biology will be discussed. Approaches and tools to deliver messages to elected officials will be reviewed. Follow-up questions at the conference and beyond are encouraged.

11:15 a.m.-12:00 p.m.

NYS DEC Urban and Community Forestry Grants

Speaker: Gloria VanDuyne, Urban and Community Forestry Program Coordinator, NYS DEC

The NYS DEC Urban Forestry grants program provides funding to help communities create healthy urban and community forests to enhance the quality of life for everyone. This presentation will cover the different grant categories, eligibility requirements, and how to apply. Learn how the grants are evaluated and when the next round of grants is expected to be available.

12:00 a.m.-1:00 p.m. Lunch (boxed lunch)

Conference Ends

Thank you to our Conference Sponsors!

Crown Level



Trunk Level



Root Level



IMPORTANT DETAILS

Conference Purpose

New York ReLeaf is a state program promoting management and care of our state's community trees. It is a cooperative effort coordinated by the NYS Department of Environmental Conservation (DEC) and the NYS Urban Forestry Council (NYSUFC) with major funding supplied through the USDA Forest Service. The goal of New York ReLeaf is to create partnerships among tree professionals, citizen volunteers, educators, government, and the private sector. The annual State Conference brings together these interested parties from all of the state's nine regions to share experiences, ideas, and new information.

“Community Forestry in a Rapidly Changing World”

All tree enthusiasts are invited to the Twenty-Seventh Annual NYS ReLeaf Conference to be held July 18-20th at Mount Saint Mary College, Newburgh, New York. You won't be disappointed! The conference, “Community Forestry in a Rapidly Changing World”, encourages managing your community forest in a changing climate. Attendees will also learn of forests, regulations on moving wood, and engaging students in urban forestry. Networking time provides the opportunity to exchange ideas with leading urban forestry specialists and professionals.

Who Should Attend?

All those involved in the field of urban and community forestry; educators, volunteers, tree commissions, arborists, horticulturists, landscape architects, planners, nursery professionals, community/state/utility foresters, local government officials, public works and parks departments, and researchers; also those in need of New York State DEC pesticides, SAF, ISA, Certified Nursery Landscape Professional (CNLP), American Institute of Certified Planners (AICP), and Landscape Architect (LA) re-certification credits. All applicable credit categories have been applied for and are pending approval. For more information on credits that have been approved, please check www.NYSUFC.org or call Gloria VanDuyne or Christina McLaughlin at NYS DEC (518) 402-9428 for further details.

Campus Information

Please refer to the campus map at this link https://www.msmc.edu/About_MSMC/Our_Location/campus_map. Parking will be available free of charge at Mount Saint Mary. ReLeaf signage to all facilities will be posted on the campus grounds.

Conference Fees/Registration/Dorm Check-in

The conference fee(s) includes refreshment breaks, lunches, barbecue picnic and resource packet. For those attendees staying on campus, breakfasts are also included in the dorm fee. See registration form for details and pricing for one day or full conference registration, lodging, meals etc. **Please submit one registration form per attendee.** Receipts for Registration and Dorm Fees paid will be available upon request. Register by **July 1st** to avoid paying a \$50 administrative late fee.

Cancellations

Those cancelling at least 5 days prior to the conference will be entitled to a refund, less any administrative costs incurred. Thereafter, no refunds will be made. Substitution of participants is acceptable.

Accommodations (Dorm Rooms)

On-campus lodging is available at affordable pricing on the Mount Saint Mary College campus. See registration form to reserve dorm accommodations.

DIRECTIONS, TRAVEL, and TOURIST INFORMATION

Directions to Mount Saint Mary College

From upstate New York and points north: Take the New York State Thruway (I-87 south). Follow the Thruway to Exit 17-Newburgh. Take I-84E to Exit 10. At the bottom of the ramp, take a right onto 9W South. At the first traffic light, take a left onto North Plank Road. (You'll see a Sunoco gas station at this intersection.) Stay on North Plank Road for 1/4 mile and turn right at the first traffic light onto Powell Avenue. The College is about 1/4 mile further on your left.

From Long Island: From the Whitestone Bridge, continue on to the Hutchinson River Parkway. Take a slight left onto I-684 North (follow signs for Brewster). Take Exit 9W to merge onto I-84 West, toward Newburgh. Continue on I-84 west to the second exit after the Newburgh-Beacon Bridge (Exit 10S). At the bottom of the ramp, make a right onto Route 32, and then another right at the first traffic light onto 9W South. At the second traffic light, take a left onto North Plank Road. (You'll see a Sunoco gas station at this intersection.) Stay on North Plank Road for 1/4 mile and turn right at the first traffic light onto Powell Avenue. The College is about 1/4 mile further on your left.

From New Jersey and points south: Take the Garden State Parkway or Route 17 North to the New York State Thruway (I-87-Albany). Follow the Thruway North to Exit 17-Newburgh. Take I-84 East to Exit 10. At the bottom of the ramp, take a right onto 9W South. At the first traffic light, take a left onto North Plank Road. (You'll see a Sunoco gas station at this intersection.) Stay on North Plank Road 1/4 mile and turn right at the first traffic light onto Powell Avenue. The College is about 1/4 mile further on your left.

Train, Bus, Plane

Amtrak and Bus information

Visit <https://www.amtrak.com/home.html> for trains from various locations to the Metro-North Beacon Station.

Taxis are available at the station, or there is the Newburgh-Beacon Ferry: <https://www.cityofnewburgh-ny.gov/transportation/pages/commuter-ferry>

Greyhound information

Visit <https://locations.greyhound.com/bus-stations/us/new%20york/newburgh/bus-station-151240>

Airport information

New York Stewart International Airport:
<https://www.swfnyc.com/>

Lodgings near Mount Saint Mary's

The following are near the university:

Courtyard by Marriot – 4 Governor Dr. Newburgh,
phone: 845-567-4800

Hampton Inn & Suites Newburgh Stewart Airport – 1
Crossroads Court, Newburgh, phone: 845-567-9100

Ramada Inn – 1289 Route 300, Newburgh, phone: 845-564-4500

For a complete list of nearby hotels please visit:
https://www.msmc.edu/About_MSMC/Our_Location/dining_and_lodging

Food and drink

Orange county dining: <https://orangetourism.org/dine/>
Dining near Mount Saint Mary's:
https://www.msmc.edu/About_MSMC/Our_Location/dining_and_lodging

Things to do

Bear Mountain State Park – Bear Mtn NY
Bannerman Castle (Hudson Highlands State Park) –
tours leave from Newburgh Waterfront
Bethlehem Art Gallery – Salisbury Mills
Bardavon 1869 Opera House – Poughkeepsie
Storm King Art Center – New Windsor
Karpeles Manuscript Library Museum - Newburgh
Washington's Headquarters State Historic Site –
Newburgh

Newburgh Brewery – Newburgh

For more things to do/visit -

Mount Saint Mary's website:

https://www.msmc.edu/About_MSMC/Our_Location/attractions

Orange County Tourism: <https://orangetourism.org/>

2019 ReLeaf Conference Registration Form

Name: _____ Affiliation _____
Address: _____ City: _____
State: _____ Zip: _____ Phone: _____
Email: _____

- Would you like to become a NYS Urban Forestry Council Member - or - Renew your current membership?

Please include your \$25 membership dues and register at the Member rate.

Conference Registration

NYS Urban Forestry Council Member

- Full Conference - \$95
 Friday Only - \$80
 Saturday Only - \$65

Non-Member

- Full Conference - \$120
 Friday Only - \$105
 Saturday Only - \$80

Student Rate

- Full Conference - \$45
 Friday Only - \$35
 Saturday Only - \$30

Dietary preference

- I prefer **Vegetarian** selections
 I prefer **Gluten free** selections

Dorm Room Accommodations (includes Breakfast/Lunch)

\$80 per night/person Single
(individual bedroom & shared bathroom)

- Thursday Night
 Friday night

\$40 per night/person - Double
(two beds in bedroom & shared bathroom)

- Thursday Night
 Friday night

I prefer to share with: _____

Picnic and Council Member Reception

- I will attend the Friday night Picnic
 I will bring a guest with me to the picnic (\$30)
 I will attend the Thursday Member Reception
 I am a non-member, or I am bringing a guest to the Reception (\$25)

Send Registration Form to: NYS Urban Forestry Council PO Box 562, Lima, NY 14485

or email to: nysufc@gmail.com

Payment by: Check **payable to NYS UFC**

TOTAL ENCLOSED \$ _____

Payment by: Credit card (Mastercard or Visa only)

After July 1st, add \$50 late registration fee

Acct #: _____ Exp. Date: _____

Those cancelling at least 5 days prior to the conference will be entitled to a refund less any administrative costs incurred. Thereafter, no refunds will be made. Substitution of participants for the conference registration is acceptable.

Friday AM Workshops - Choose ONE

11 am- 11:45 pm / 11:45- 12:30 pm

- Forest Health Update / Quarantines and Regulations for Wood Management
 Mapping an Invasion/Youth on the Front Lines of Urban Forestry/Urban Forestry Program at Putnam BOCES
 Climate Change Impacts / Invasive Trees & Alternatives

Saturday am Workshops - Choose ONE

10:15 am - 11:00 pm / 11:00 am - 12:00 pm

- USFS Urban Forest Strike Team / Heat Island Effect on Trees
 From Small Beginnings to Big Trees / DEC Grants

Friday PM Workshops & Tours - Choose ONE

1:45 pm - 4:00 pm

- Urban Green Stormwater Infrastructure/Stormwater & Stream Corridor Projects in Orange County
 Storm King Art Center exhibit: *Indicators, Artists on Climate Change - tour (limit of 55)*
 Long Dock Park - *tour (limit of 55)*

Register Online for the conference! Visit <https://nysufc.org/2019-releaf-registration/>