

Sustainability Webinar

A Zoom webinar presented by the
Center for the Women of New York
and NYC Parks

Thursday July 30th, 2020
11 AM - 12 PM



NYC Parks





Center for the Women of New York

Introducing CWNY's Green Team, your hosts for today:

Victoria Pilotti

CWNY President

Volunteer

Scotia Hille

Green Team Coordinator &

Social Media Specialist

Volunteer

Good morning and welcome to CWNY's Sustainability Webinar.

If you missed our previous webinars and would like to view them, please visit

www.cwny.org/past-events/

Subscribe to our newsletter <https://conta.cc/3bYFKbG> for more information about our upcoming programs.



Center for the Women of New York



Since our founding in October of 1987, the Center has shown that women working together can be an effective force. We are a voluntary, non-profit organization, dependent on dues from our members and on the volunteer efforts of business, professional and community women and men in New York City.



At the Center for the Women of New York, we believe education is a cornerstone of women's economic independence. To that end, we offer classes in conversational ESL, computer skills, and other topics, and an annual Career Conference to enable women to gain employment and rise in the workplace.



We advocate strongly for women's full equality by partnering with like-minded organizations and elected officials. We participate in women's marches and organize symposia on topics like domestic violence and human trafficking. We help women in crisis through referrals to social services.



Whether we're marching for worthy causes, celebrating women's accomplishments in leadership, the arts, or sports, camaraderie is a hallmark of CWNY. We've come a long way since the Second Wave of the Women's Movement in the latter half of the 20th century, and while there are many struggles ahead, we celebrate how far we've come.



Center for the Women of New York



Housekeeping:

A copy of the slides will be made available at the link below after the presentation:

<http://cwny.org/past-events>

Panelists



Catherine Bealin

Consultant, UN Development Programme
President, Douglas Manor Environmental
Association



Jennifer Greenfeld

Assistant Commissioner, Forestry,
Horticulture & Natural Resources,
NYC Parks

Q&A

Your questions will be addressed after all panelists have presented.

Use the Chat Box at the bottom of your Zoom meeting screen to ask a question.

If you dialed in, email your questions to **events@cwny.org**



Catherine Bealin



Catherine Bealin is a development financier specializing in the nexus between finance, climate resiliency and women. After working as a banker in the US for Brown Brothers Harriman and in Luxembourg for the European Investment Bank, Catherine transitioned to UNDP, where her most recent project is the Spotlight Initiative, a USD 500m project to combat violence against women. Catherine is also Social Impact Producer of a feature length documentary titled Warrior Women of Football, a film about gender inequality in professional soccer.

Catherine holds an MA in Economic Development from the Elliott School of International Affairs at George Washington University and BAs in Political Science and Economics from the State University of New York at Binghamton. She lives in Douglaston, NY with her husband, three sons and two male dogs.

A healthy environment is a feminist issue, intersecting with economics, health, reproduction, education, immigration and human rights.



2004 Asian Tsunami



2005 Hurricane Katrina



Hurricane Maria



Air Pollution



Flint Michigan Water Crisis



What to do? Think Global Act Local

- Community Led Organizations Across Queens
- Citizen Science
- Track Environmental Policies, Laws & Repeals
 - Environmental Voter Project
- Engage with Elected Officials
- VOTE!

Ecofeminism

- Ecological feminism is a branch of feminism that examines the connections between women and nature, including organic processes, holistic connections and the merits of intuition and collaboration
- New Prisms
 - History
 - Racial
 - Indigenous
 - Folklore
 - Poetry

Quotes for Deep Dives

- "The great mass of women can never be made to take a deep, a sincere, a discriminating, a lasting interest in the thousand political questions ever arising to be settled by the vote" (Susan Fenimore Cooper)
- "The American land did not hate" (Trace by Lauret Savoy)
- The Cailleah mourns the cutting of the forest. Here she mourns the loss of her deer. Here perhaps she mourns the coming of the road. The coming of man and of progress...she seems to have been dethroned, deprived of her power to protect" (Sharon Blackie)

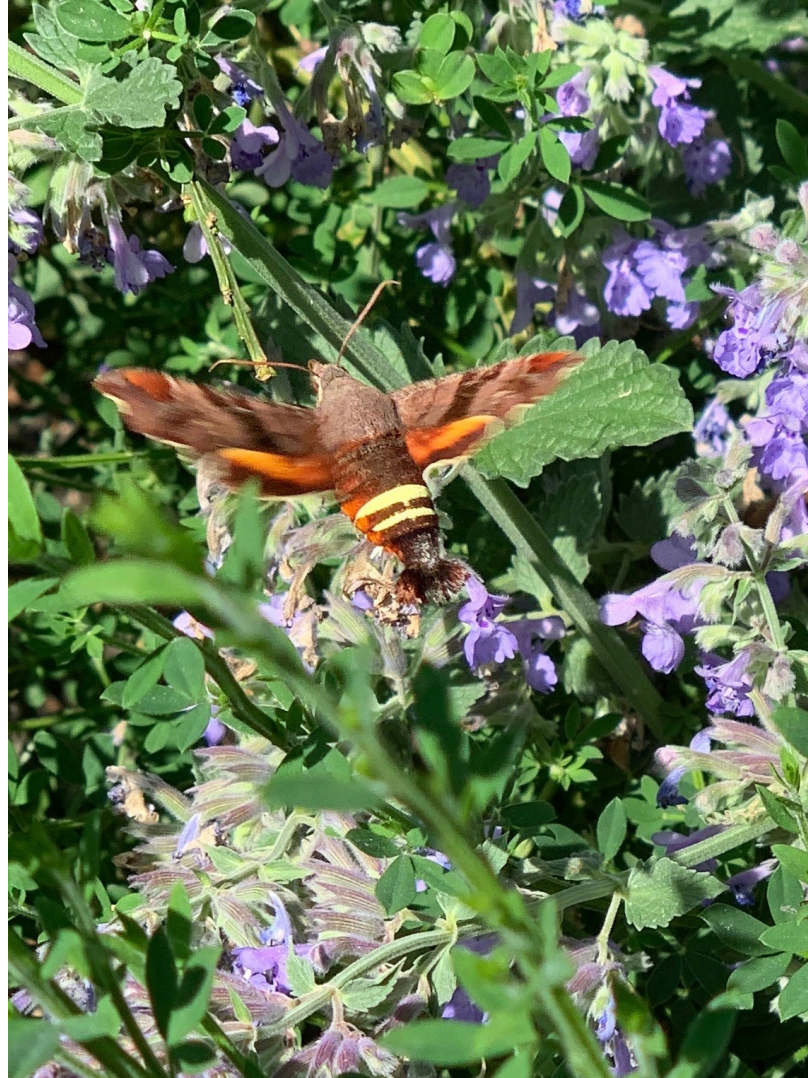
Quotes for Deep Dives

- “Puhpowee translates as the force which causes mushrooms to push up from the earth overnight..Western science has no such term, no words to hold this mystery...What lies beyond our grasp remained unnamed.” (Braiding Sweetgrass by Robin Wall Kimmerer)
- “Tell me, what is it you plan to do with your one wild and precious life?” (The Summer Day by Mary Oliver)

DMEA Wetland Restoration Project



Hummingbird Moth submitted to BAMONA



Jennifer Greenfeld



As Assistant Commissioner of Forestry, Horticulture, and Natural Resources, Jennifer manages the Department's nature portfolio including over 600,000 street trees, 150,000 park trees and 10,000 acres of natural areas. Over the last 23 years at Parks, Jennifer led critical efforts to study the health of street trees and to quantify the impact of trees on the urban environment. She played an important role in MillionTreesNYC, and has overseen the restoration and management of 2,000 acres of natural areas.

Prior to working for the New York City Parks Department, Jennifer worked on land conservation and urban forestry in San Francisco and Washington DC . She obtained a BA from the University of Pennsylvania, and a Master of Forest Science from the Yale School of Forestry & Environmental Studies.



Nature in the City

*Jennifer Greenfeld, Assistant Commissioner
Forestry, Horticulture & Natural Resources*

Center for Women of New York
Sustainability Webinar, July 30, 2020

Parks

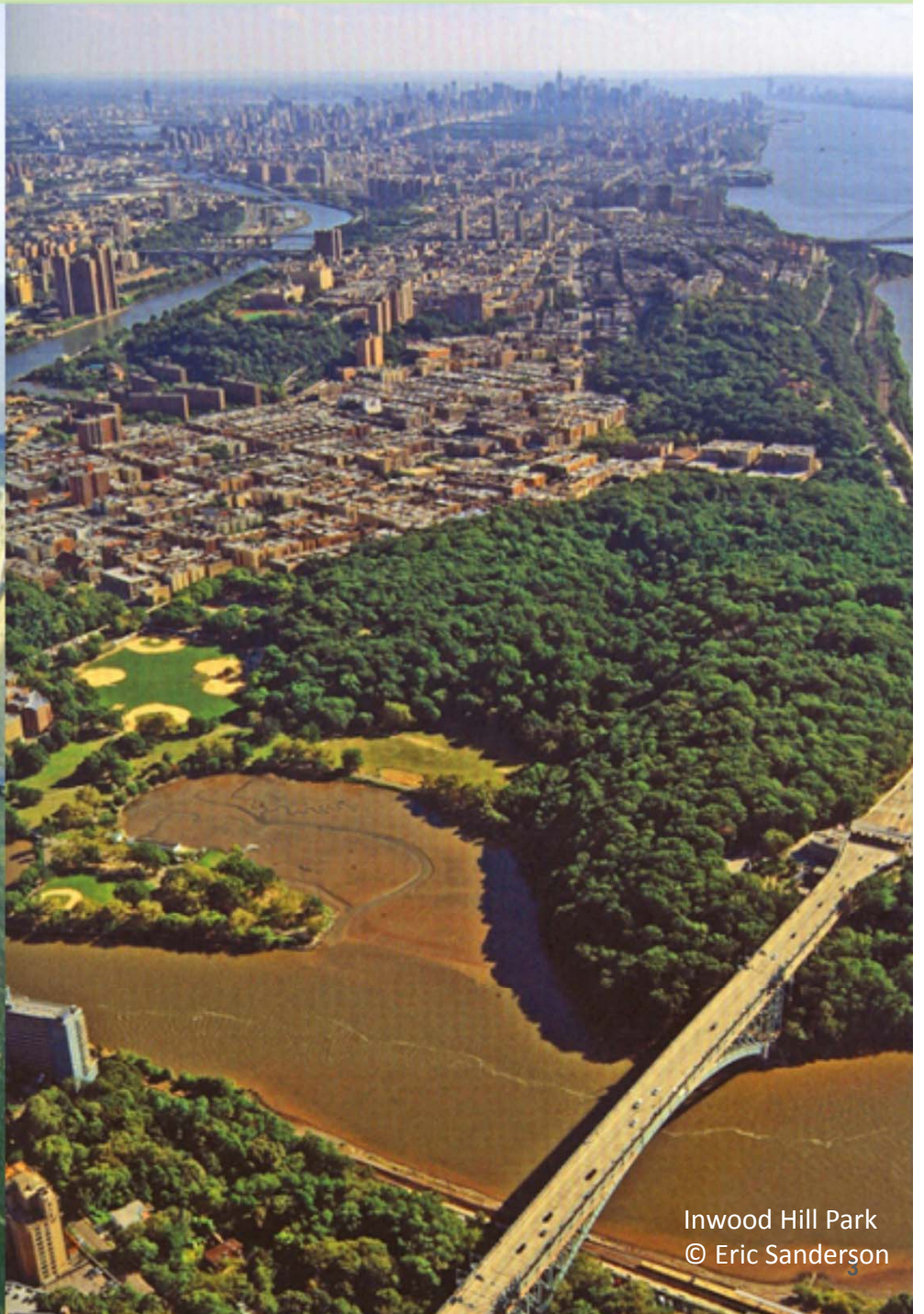
Nature in NYC

- What does nature in NYC look like
- Why is it important
- How NYC Parks cares for nature
- How you can learn more
- What you can do





Lower Manhattan
© Eric Sanderson



Inwood Hill Park
© Eric Sanderson

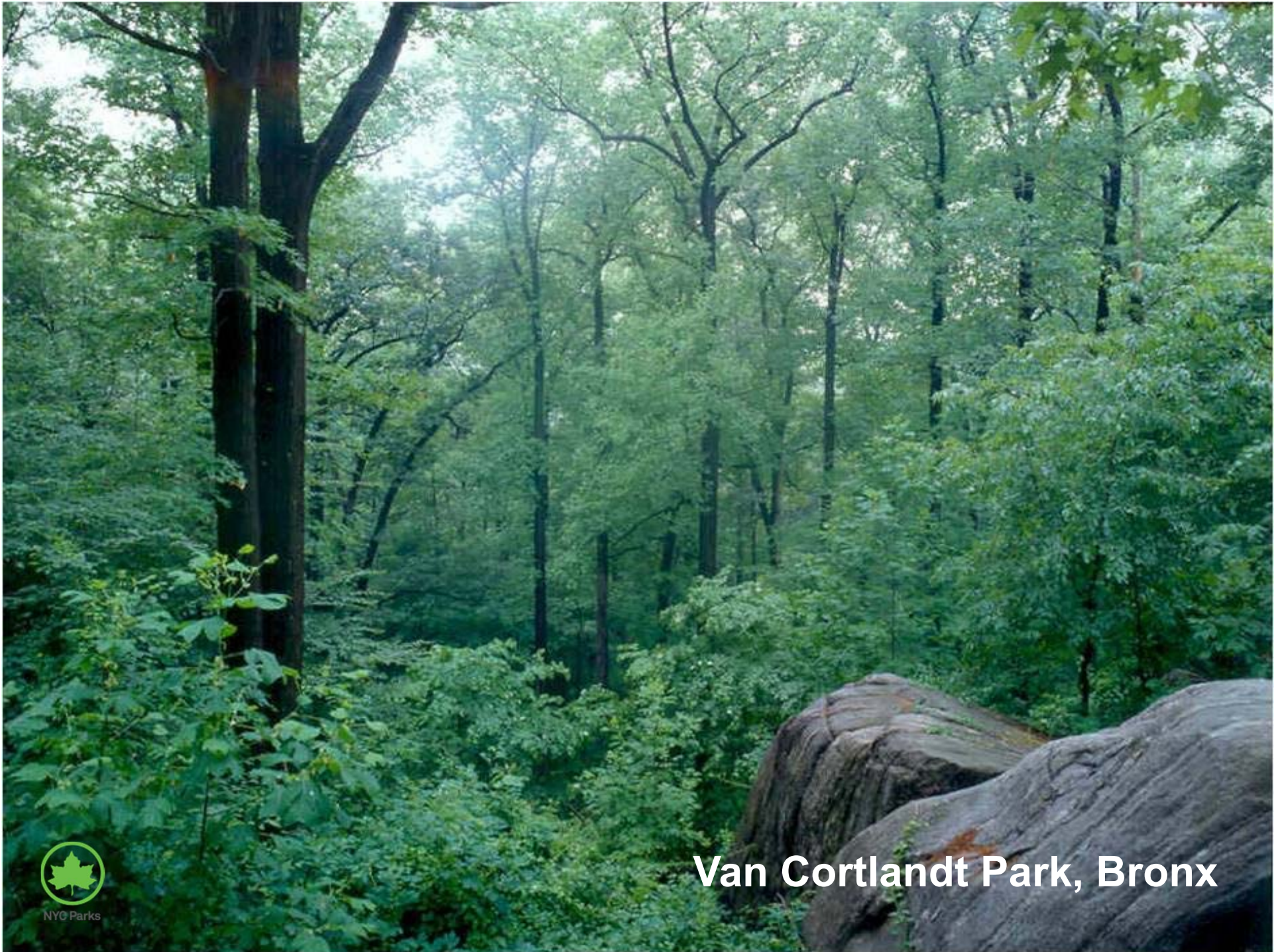


Pelham Bay Park, Bronx



NYC Parks

Bronx River



Van Cortlandt Park, Bronx



NYC Parks



Inwood Hill Park, Manhattan



Cunningham Park, Queens





Title of Presentation Goes Here

Bush Terminal, Brooklyn



Wolfe's Pond Park, Staten Island



NYC Parks



Conference House Park, Staten Island

FIGURE 2

NYC's Land Cover: **40.5% of NYC Is Green**



Source: Natural Areas Conservancy Ecological Covertypes Map⁷

FIGURE 3

NYC's Natural Areas: **11.6 % of NYC's Land Cover Is Natural Areas**



Source: Natural Areas Conservancy Ecological Covertypes Map⁸

Nature in NYC

Why is it important?



NYC's Tree Canopy Benefits



**ANNUAL
POLLUTANT
REMOVAL**

1,300
tons
\$77
million



**ANNUAL
AVOIDED
RUNOFF**

69
million cubic
feet
\$5
million



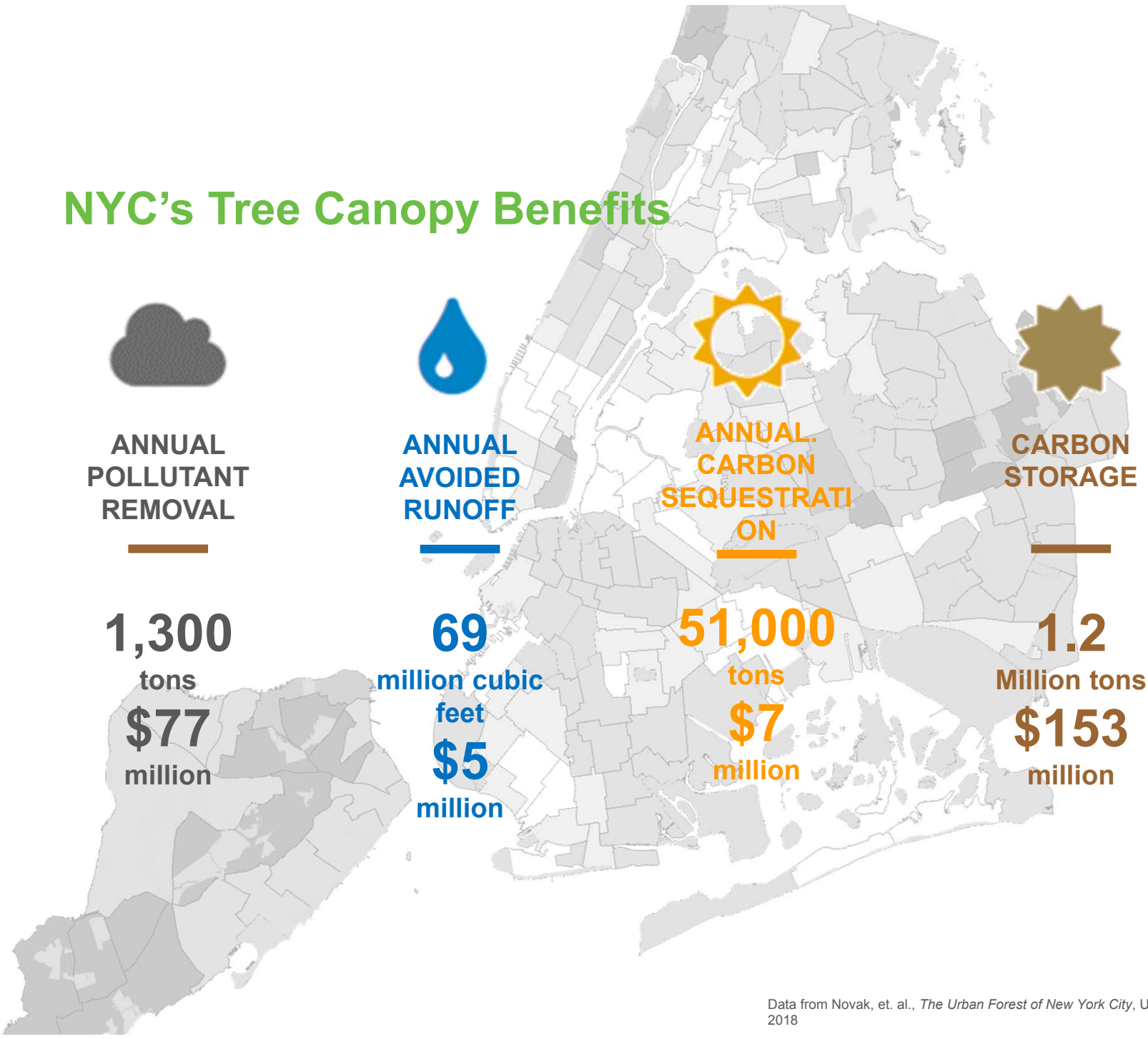
**ANNUAL
CARBON
SEQUESTRATION**

51,000
tons
\$7
million



**CARBON
STORAGE**

1.2
Million tons
\$153
million



Data from Novak, et. al., *The Urban Forest of New York City*, U.S. Forest Service, 2018

Importance of Urban Forests in Addressing Climate Change

Extreme heat kills more people than hurricanes, flooding and storms combined.

Urban forests lower local temperatures by up to 10 degrees Fahrenheit.

Urban forests save \$4.7 billion in electricity and \$3.1 billion in heating costs each year.

And they're good for communities and individuals!



Wetlands as Essential Infrastructure for NYC



Nature in NYC

How NYC Parks cares for nature



New York Parks

We Manage:

- Half of all natural areas
- 12% of all landscapes
- Half of all Trees

In New York City



LANDSCAPED **28.9%**
55,360 Acres



NATURAL
11.6%
22,220
Acres

GREEN 40.5%

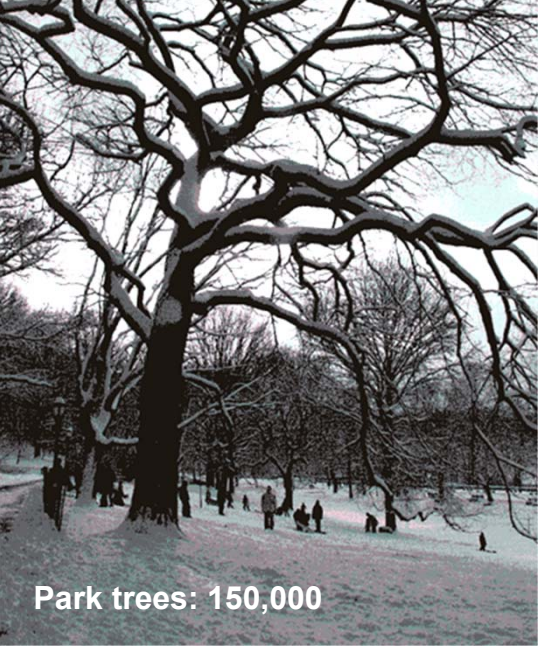


NYC Parks

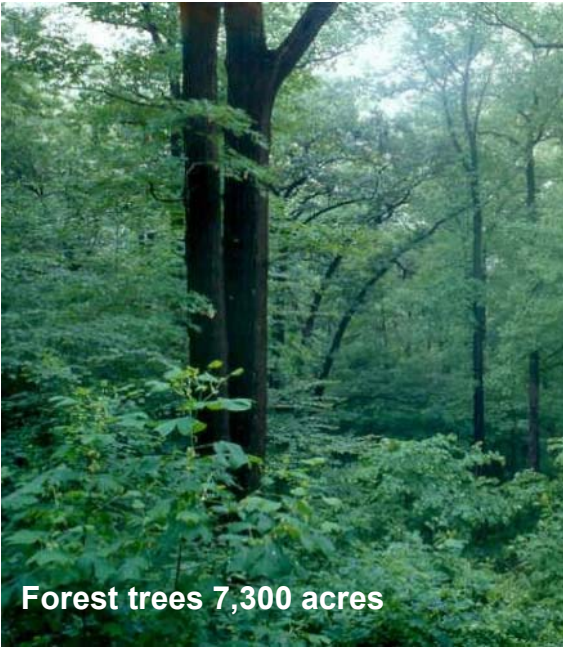
NYC's Urban Forest



Street trees 666,134



Park trees: 150,000



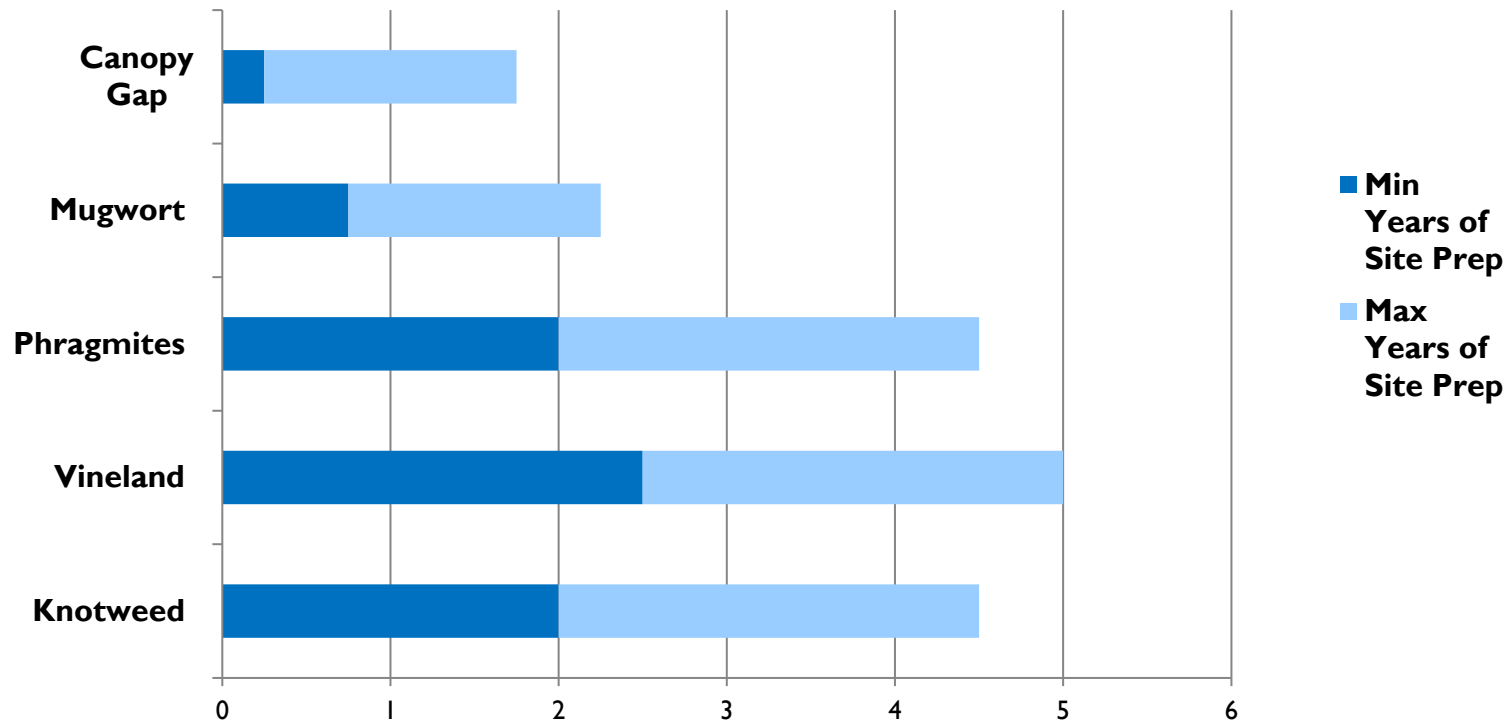
Forest trees 7,300 acres

Wetlands in NYC Parkland



Restore

Years of Site Preparation Needed Before Planting



Canopy Gap



Mugwort



Phragmites



Vineland



Knotweed



Plant Trees



Restore filled salt marsh



Fish Passage



Conservation, Monitoring, Compliance



Greenbelt Native Plant Center

* 20,000 sq. ft. of greenhouse production space * 4 acres of irrigated, containerized nursery yard * 2 acres of bulk seed operations * active regional seed bank (1,400 collections) * 400,000 plants and 350 species in production at any time.



Collect Local Seed

Find ecotypical sources and follow strict collection protocols



Store Properly

For short term and long term use



Propagate

Be persistent in producing difficult species not commercially available



Grow to Size

Partner with local nurseries



NYC Parks

NYC Urban Field Station

- Partnership between Parks and US Forest Service Northern Research Station
- based in Fort Totten, Queens
 - shared lab and offices
 - short-term residential space
 - long term monitoring programs
 - encourage collaborations
 - host workshops and symposia
 - data catalog of existing datasets



NYC Parks

Nature in NYC

How you can learn
more.



NAC Online Nature Map

Flushing Meadows Corona Park

What we have
How it's doing
What we're doing

Flushing Meadows Corona Park's Land Cover

73% of Flushing Meadows Corona Park is green.

Legend

- Built
- Landscaped - gardens, lawns, cemeteries, backyards
- Natural - forest, wetlands, and grasslands

Natural Areas

- Streams
- Salt Marsh
- Forest
- Freshwater Wetland

11
acres

200
acres

0
acres

8,665
feet

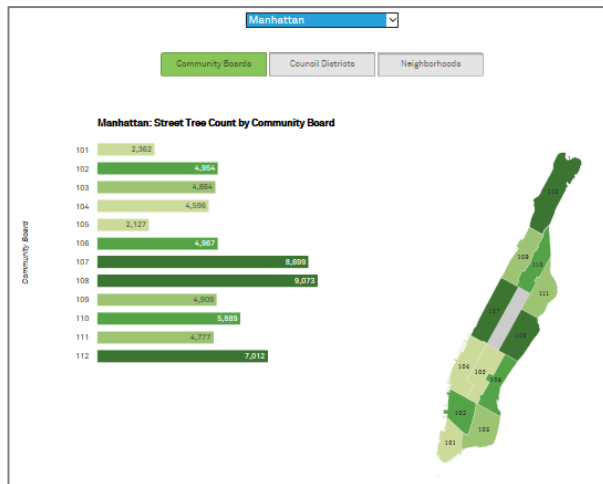
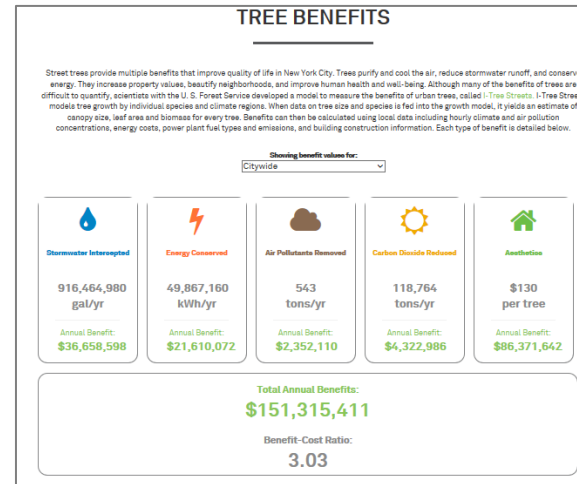
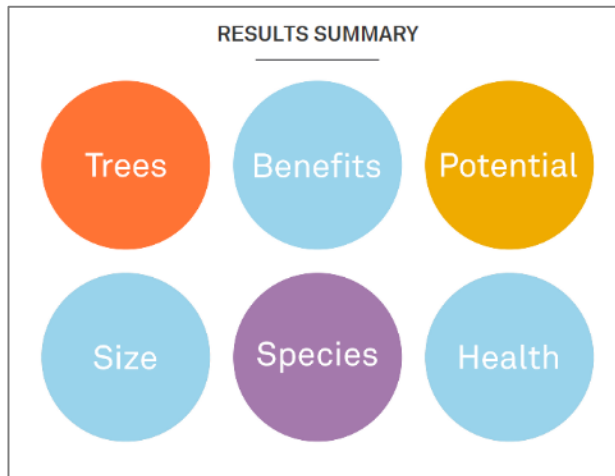
FOREST
FRESHWATER WETLAND
SALT MARSH
STREAM

11

acres of forest in Flushing Meadows Corona Park

New York City's forests are a vital resource for all New Yorkers.

On-Line Digital Census Report



<https://www.nycgovparks.org/trees/treescount>

Interactive Tree Map

Share Tweet Favorited Report Problem



Littleleaf Linden ●

Tilia cordata

[Species Map and Details](#)

Favorited: 1 time.
ID Number: 3756504
Trunk Diameter: 4 inches
[Suggest an Edit](#)

Closest Address
357 16 STREET, BROOKLYN, NY
11215



Tree Care Activity

Date	Activity
04/08/2017	You Mulched, Cleared Litter/Waste
01/21/2017	You Cleared Litter/Waste
07/15/2016	You Pruning

Get tips on tree care activities in the [Learn](#) section.

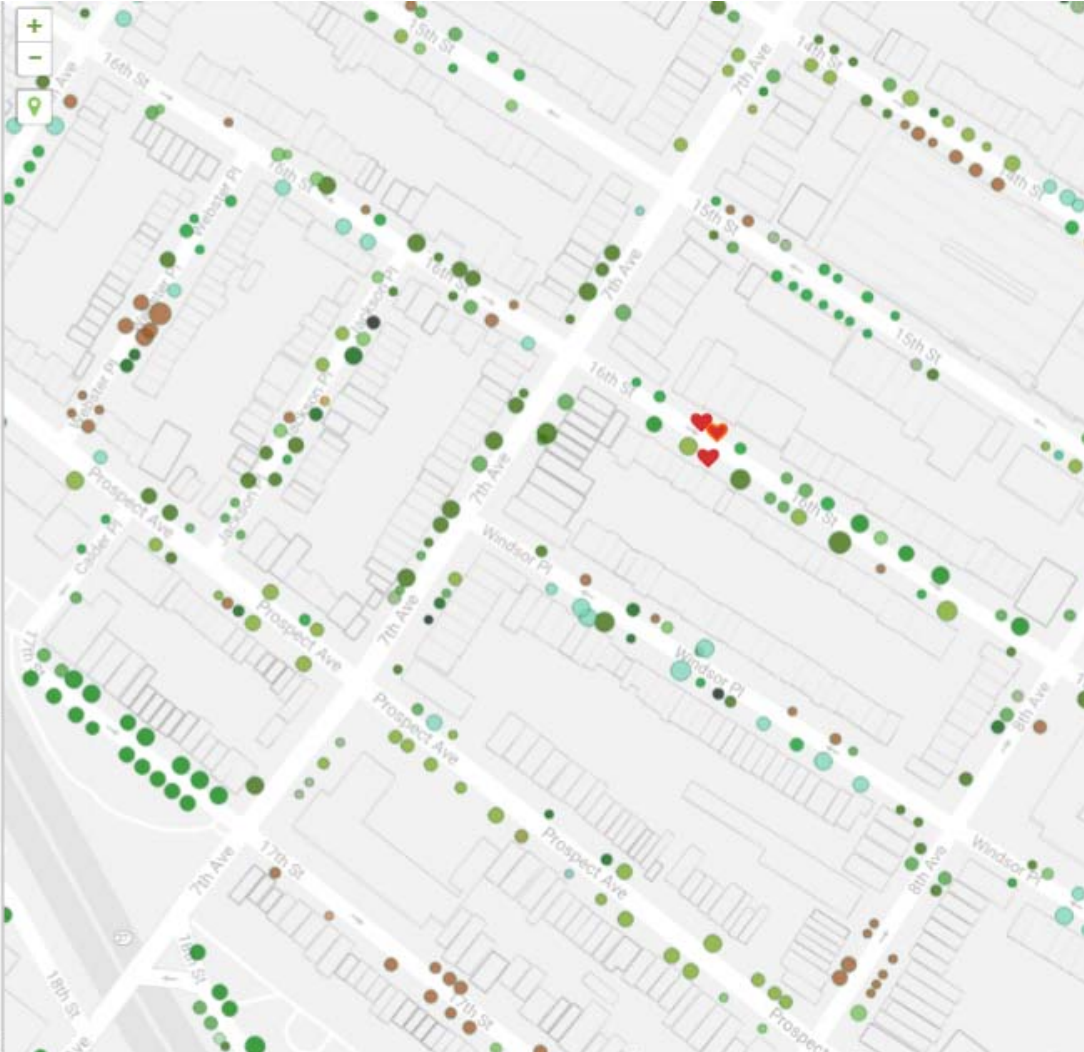
Add Your Activity

What date did the activity take place?

How long did the activity take?
Minutes

Stewardship Activities

Cleared Litter/Waste Landscaped/Planted Flowers
 Managed Soil Mulched Pruning Watered



NYC Parks

Nature in NYC

What you can do.





All New Yorkers have a right to great nature.



Marine Park, Brooklyn NYC. Photo credit Adam Stoltman



NYC Parks



**Natural Areas
Conservancy**

The Natural Areas Conservancy exists to restore and conserve the blue and green spaces of New York City in order to enhance the lives of all New Yorkers.

Take a walk in Nature

Online Trail Maps for:

- Bronx River Forest
- Van Cortlandt Park
- Riverdale Park
- Canarsie Park
- Paerdegat Basin Park
- Marine Park
- Bayswater Park
- Alley Pond Park
- Forest Park
- Willow Lake (FMCP)
- Goodhue/Allison Pond Park
- Conference House Park



Volunteer

nyc.gov/parks/stewardship

NYC Parks Stewardship

NYC Parks is investing in the future and we need your help. Our volunteers help with forest and wetland restoration, planting and pruning street trees, harvesting and propagating native seed and monitoring local wildlife. By becoming a steward of NYC's green spaces, you can help ensure that our city's natural resources are kept safe for future generations.



How to Become a Steward

NYC Parks hosts volunteers throughout the city all year long, in every landscape and every kind of weather. Here's how to get involved.

Attend a volunteer event

Public events bring together New Yorkers from every walk of life to get their hands dirty making the city better. This is a great way to find out more about the wide variety of nature in the city, learn skills, and meet like-minded individuals.

Take a look at the list of upcoming stewardship projects below, and find the project that's right for you.

Request a project for your group

We always have a running list of projects that could use a helping hand. Groups can make a vital and significant impact on the ongoing restoration and management of nature in the city. Nature-based projects are great opportunities for team-building, enjoying the unique landscapes of the city, and starting conversations, while making a real difference.

[Request a project for your group](#)

Become a Super Steward!

Our **Super Stewards** work independently to make an impact on their neighborhoods. NYC Parks staff provide training, access to tools and other resources, and license individuals to work on their own, as well as to recruit and train their friends and neighbors.

[Become a Super Steward](#)

Upcoming Stewardship Projects

Stewardship

[Green Neighborhoods](#)

[Be a Super Steward](#)

[Request a Project for Your Group](#)

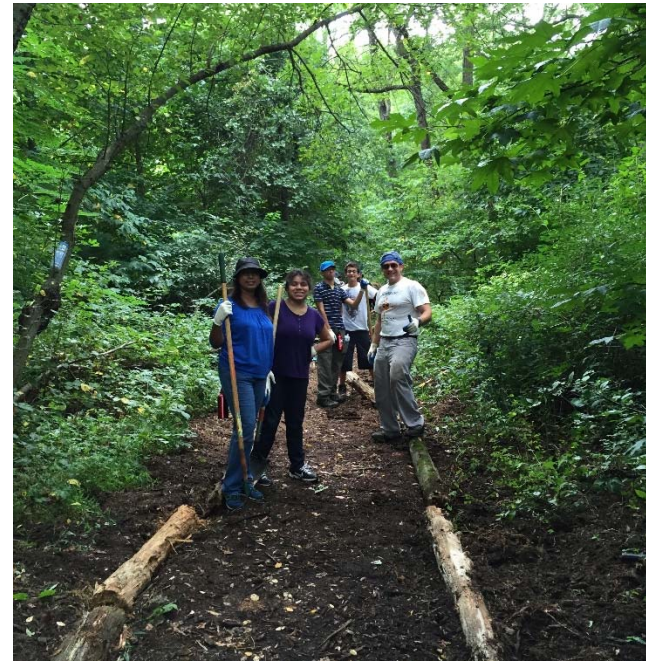
[Caring for Street Trees and Greenstreets](#)

[TreesCount 2015](#)

[More Volunteer Opportunities](#)

[Partnerships for Parks](#)

[NYC Services](#)



NYC Parks

Plant Native Species

DON'T

Plant anything on NYS invasive species list

AVOID

Planting annuals and anything without flowers, boxwood is the most common.

DO

Plant perennial blooms; consider pollinator friendly plants like yarrow, black-eyed susan, echinacea, hellebores, bee balm, butterfly bush, aster.

Native Species Planting Guide for New York City

3rd Edition



NYC Parks



NYC Parks



Thank you

Jennifer Greenfeld

Assistant Commissioner of Forestry,
Horticulture & Natural Resources

Jennifer.greenfeld@parks.nyc.gov



NYC Parks

Discussion

We'll move to a guided discussion,
moderated by our CWNV Hosts.

This will be followed by our Q&A Session.

Q&A

We're ready for your questions!

Use the Chat Box at the bottom of your Zoom meeting screen to ask a question.

If you dialed in, email your questions to **events@cwny.org**



Resources → for further research!

Conservation & Sustainability Efforts:

Billion Oyster Project: billionovsterproject.org

New York Restoration Project: www.nyrp.org/

Green Schools Alliance:
<https://www.greenschoolsalliance.org/home>

Sierra Club NYC: <http://nyc.sierraclub.org/>

NYC Audubon: nycaudubon.org

NYC Nature Goal 2050: <https://naturegoals.nyc>

For election season, check out:
NY League of Conservation Voters
nylc.org/

Urban Gardening:

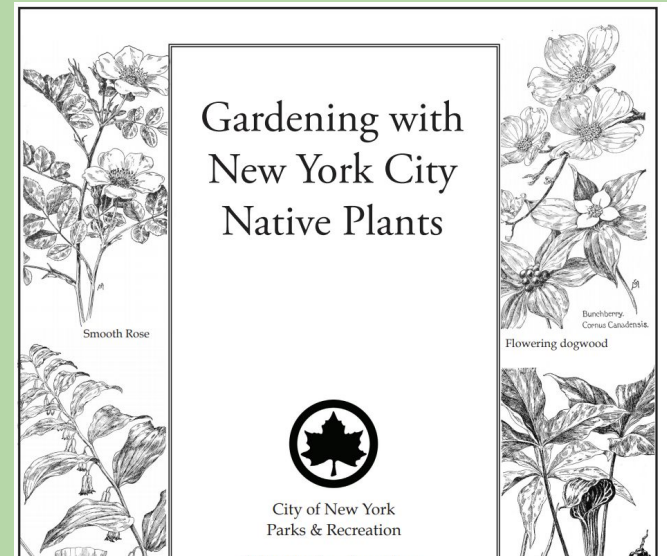
Urban Garden Center: urbangardennyc.com/

Grow NYC: grownyc.org/greenspace

PDF with
advice!



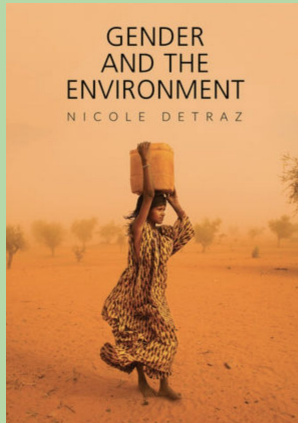
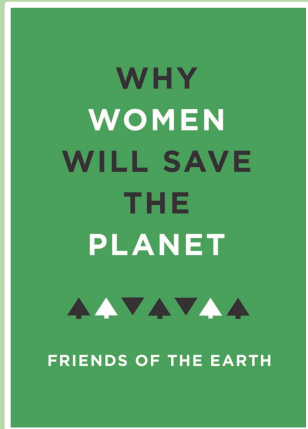
Available on
naturalareasnyc.org/



Resources: Women's Rights & the Environment

Women's Environment & Development Organization: WeDo.org

“A reading list on women and climate change”:
<https://valeclimateconnections.org/2019/03/a-reading-list-on-women-and-climate-change/>



Women's rights make a difference for the environment and sustainability

Sun, 08 Mar 2015

iucn.org/content/womens-rights-make-a-difference-environment-and-sustainability

HEALTH • ENVIRONMENT
How Rising Temperatures Due to Climate Change are Shortening Pregnancies

time.com/5740394/climate-change-early-births/

Women, Gender Equality and Climate Change

The Threats of Climate Change are not Gender-Neutral

un.org/womenwatch/feature/climate_change/

Resources: Man Made and Natural Disasters

Flint Water Crisis

Background: <https://www.nrdc.org/stories/flint-water-crisis-everything-you-need-know>

<https://www.npr.org/sections/thetwo-way/2016/04/20/465545378/lead-laced-water-in-flint-a-step-by-step-look-at-the-makings-of-a-crisis>

New study shows women bore brunt of Flint water crisis, but they've also led fight against it

womensmediacenter.com/news-features/new-study-shows-women-bore-brunt-of-flint-water-crisis-but-theyve-also-led-fight-against-it

NWLC

The Flint Water Crisis is a Feminist Issue

nwlc.org/blog/the-flint-water-crisis-is-a-feminist-issue/

Hurricane Maria

Background: <https://www.worldvision.org/disaster-relief-news-stories/2017-hurricane-maria-facts>

Hurricane Maria put a disproportionate burden on women

September 17, 2018 | By Oxfam

<https://www.oxfamamerica.org/explore/stories/hurricane-maria-put-a-disproportionate-burden-on-women/>

2004 Asian Tsunami

Background: <https://www.britannica.com/event/Indian-Ocean-tsunami-of-2004>

<https://www.jstor.org/stable/41675195?seq=1>

NATURAL DISASTERS AND GENDER INEQUALITIES: THE 2004 TSUNAMI AND THE CASE OF INDIA

Revathi I. Hines

Political Science

Southern University and A & M College

Thank you for attending!

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