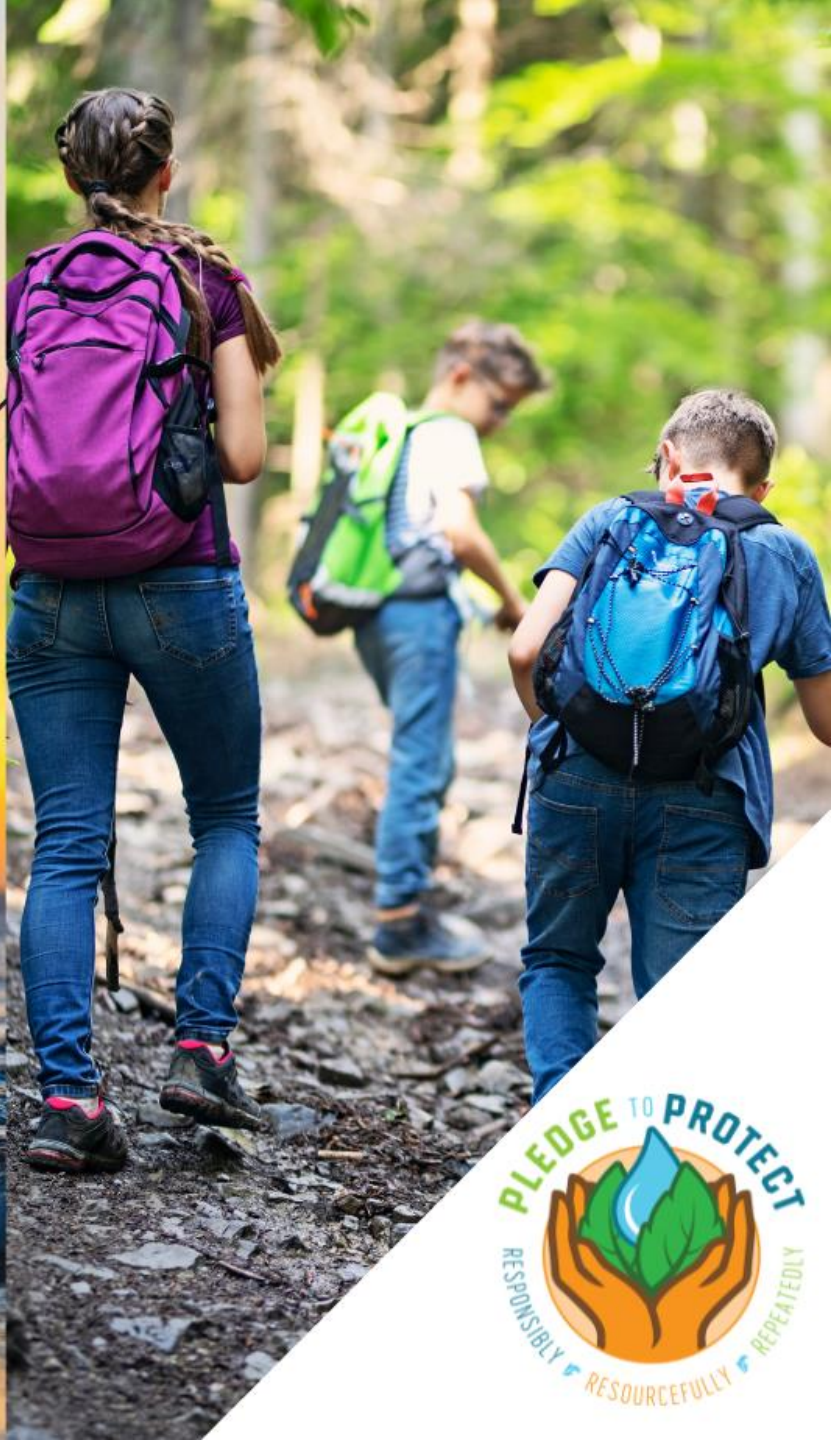






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INVASIVE SPECIES MANAGEMENT

SAINT LAWRENCE
EASTERN LAKE ONTARIO

Meet the Rest of the SLELO PRISM Team



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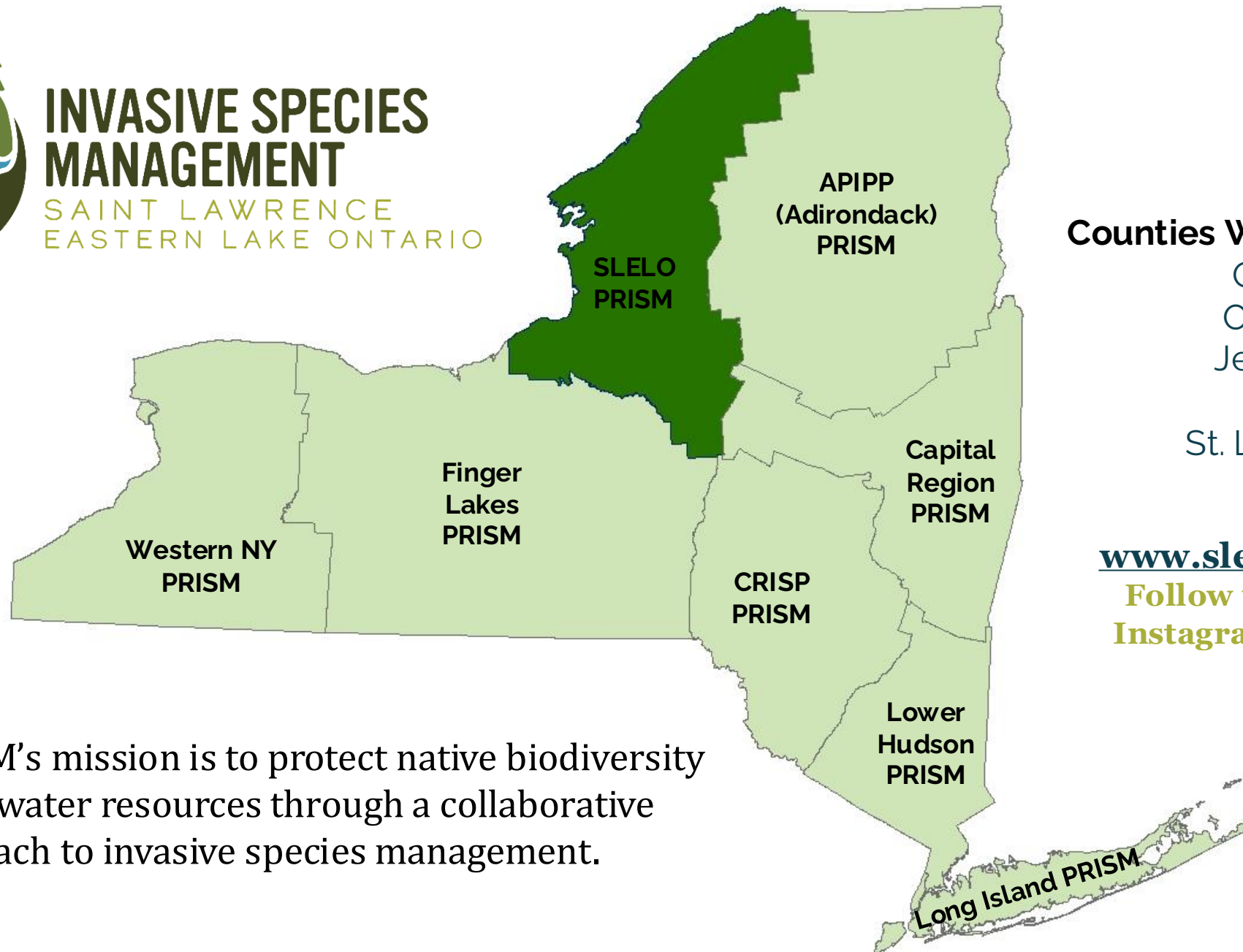
Purpose





INVASIVE SPECIES MANAGEMENT

SAINT LAWRENCE
EASTERN LAKE ONTARIO



Counties Where We Work:

Oneida
Oswego
Jefferson
Lewis
St. Lawrence

www.sleloinvasives.org

Follow us on Facebook,
Instagram, and YouTube

SLELO PRISM's mission is to protect native biodiversity and freshwater resources through a collaborative approach to invasive species management.



INVASIVE SPECIES MANAGEMENT

SAINT LAWRENCE
EASTERN LAKE ONTARIO

Funded by

NYS Environmental Protection Fund

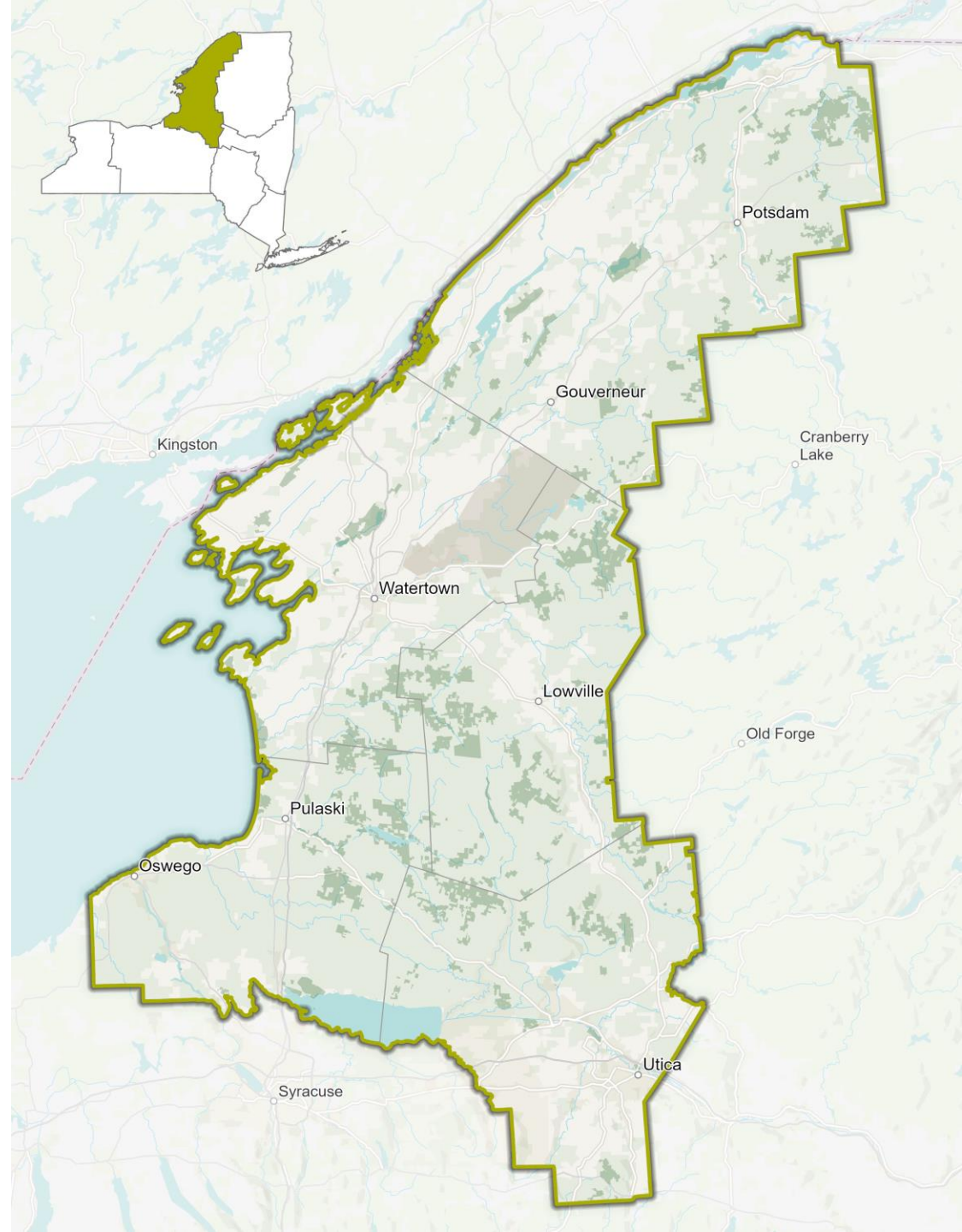
Administered by



Department of
Environmental
Conservation

Hosted by

The Nature
Conservancy



SLELO PRISM Roles

Invasive Species Information Hub

- Website
- Newsletter
- Survey & annual reports

Education/Outreach

- Collaboration
- Events
- Trainings
- Media

Management

- Prioritized Species List
- Priority Conservation Areas
- Restoration



**INVASIVE SPECIES
MANAGEMENT**

SAINT LAWRENCE
EASTERN LAKE ONTARIO

"Teaming Up To Stop The Spread of Invasive Species"

www.sleloinvasives.org

PROGRAMATIC GOALS

1. Prevention



2. Early Detection and Rapid Response



3. Invasive Species Management



4. Ecological Restoration



5. Education, Outreach and Communication



6. Cooperation and Partnership



7. Information Management



8. Innovation



A photograph of a sunset over a green field. In the foreground, there are several white daisies with yellow centers. The background shows a bright orange and yellow sunset sky with some clouds. A large, semi-transparent green circle is overlaid on the left side of the image, containing the word "Share" in white text.

Share

Invasive Species

An invasive species is a plant, animal, or microorganism that is **not native** to an area and **causes harm** to the environment, economy, or human health.



**Not all
non-native
species are
invasive**



**What makes
invasive
species more
impactful?**



Take the Pledge. Get the Tools. Earn the Badge

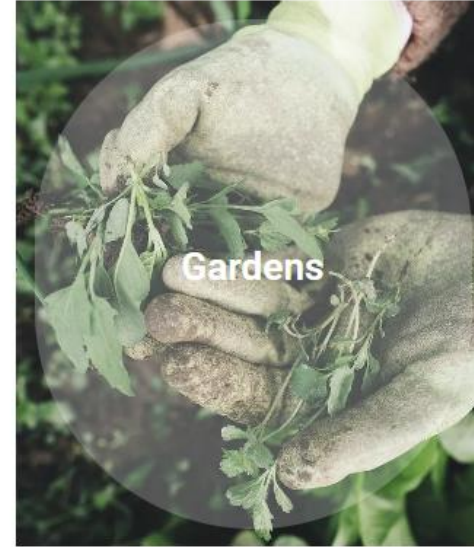
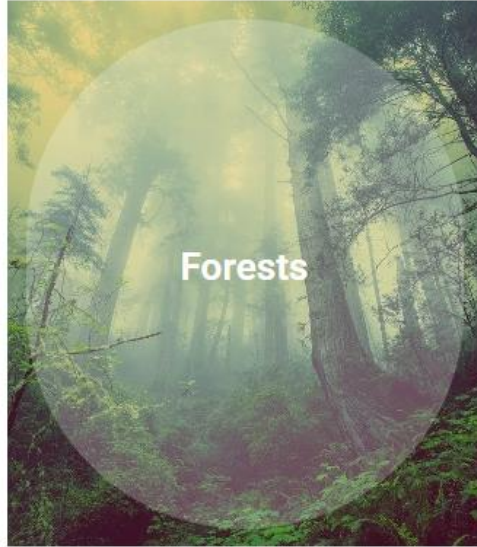
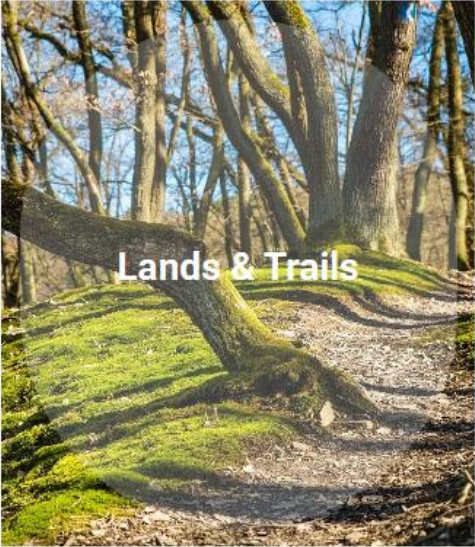


Supported by SLELO PRISM



Protect Your Favorite Outdoor Spaces From Invasive Species

Target Audiences: 5 Outdoor Categories



- **Lands & Trails:** Hikers, campers, etc.
- **Forests:** Hunters, landowners, conservation managers, etc.
- **Waters:** Boaters, anglers, water recreationists, etc.
- **Gardens:** Leisure and serious garden enthusiasts, landscapers, etc.
- **Communities:** Urban outdoor recreators, general community members, etc.

Landing Page

- iPledgetoProtect.org
- Program overview
- Sign-up form
- Resources

Why Take the Pledge

The Pledge to Protect is a fun, engaging, and rewarding way to participate in invasive species prevention and management.

Taking the Pledge-To-Protect your lands and waters is the first step in preventing the spread of invasive plants and animals.

Upon taking the 'Pledge,' you will be given specific but simple actions you can practice and educational resources that will help you to protect your favorite outdoor spaces, backyard, and community.

Take the Pledge

Email *(Required)*

First and Last Name *(Required)*

First

Last

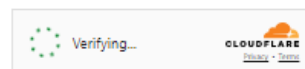
Phone

How did you hear about this pledge? *(Required)*

What will you protect? *(Required)*

Chose the pledge category that you spend the most time in or that you're the most interested in learning of applicable prevention and management actions you can take while enjoying these environments.

- ☐ I'll protect them all!
- ☐ My Lands & Trails
- ☐ My Waters
- ☐ My Forests
- ☐ My Garden
- ☐ My Community



Become a Protector



People have taken the pledge! Help us to spread the word!



Facebook



Instagram

What you'll get

- Monthly emails showcasing simple actions you can take to fulfill your pledge.
- Bragging rights- collect badges and win prizes for completing action items outlined in your monthly emails!
- Access to a social media toolbox to celebrate your pledge, and to help you share what you've learned.

Blog Archive



How to Keep Your Pledge Going Strong

August 13, 2025 /// No Comments

Summer may be winding down, but your Pledge-To-Protect actions—like checking for invasives, sharing knowledge, and inspiring others—can still make a big impact on the lands and waters you love.

[Read More »](#)



A Ripple Starts with You: Safeguarding Our Lakes, Rivers, and Streams with SLELO PRISM

June 26, 2025 /// No Comments

Enjoying the water this summer? Don't let aquatic invasive species hitch a ride and protect our lakes from these hidden threats.

[Read More »](#)



Protect What You Love: Volunteer with SLELO PRISM This Summer

May 30, 2025 /// No Comments

Imagine dipping your paddle into a quiet cove, the morning sun glinting off the water as you glide toward a patch of floating plants. Around you, a team of volunteers

[Read More »](#)

Take the Pledge Get The Tools Earn The Badge

iPledgeToProtect.org



Sponsored by SLELO PRISM

Protect Your Favorite Outdoor Spaces From Invasive Species

Become a Protector

- Simple actions to take to protect your favorite outdoor spaces.
- Resources to help
- Chances to earn badges & win prizes!



Lands & Trails Protector's Badge



Forests Protector's Badge



Water Protector's Badge



Garden Protector's Badge



Community Protector's Badge

Protector's Blogs



Growing Smart: How Climate-Smart Gardening Can Help Protect New York's Landscapes

April 27, 2026 /// No Comments

Learn how climate-smart gardening can help stop invasive species, protect native plants, and build a resilient landscape in the SLELO region.



Protect What You Love: Volunteer with SLELO PRISM This Summer

May 28, 2026 /// No Comments

Imagine dipping your paddle into a quiet cove, the morning sun glinting off the water as you learn how to spot the floating leaves of invasive water chestnut. Or picture



Fall Tips for Invasive Species Management

September 12, 2024 /// No Comments

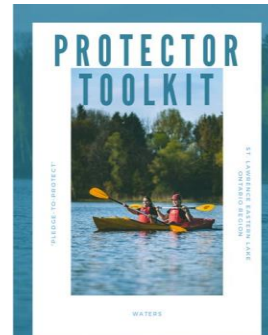
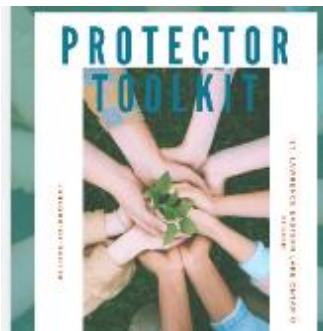
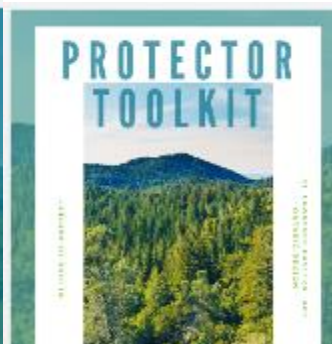
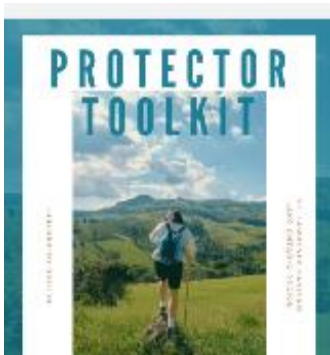
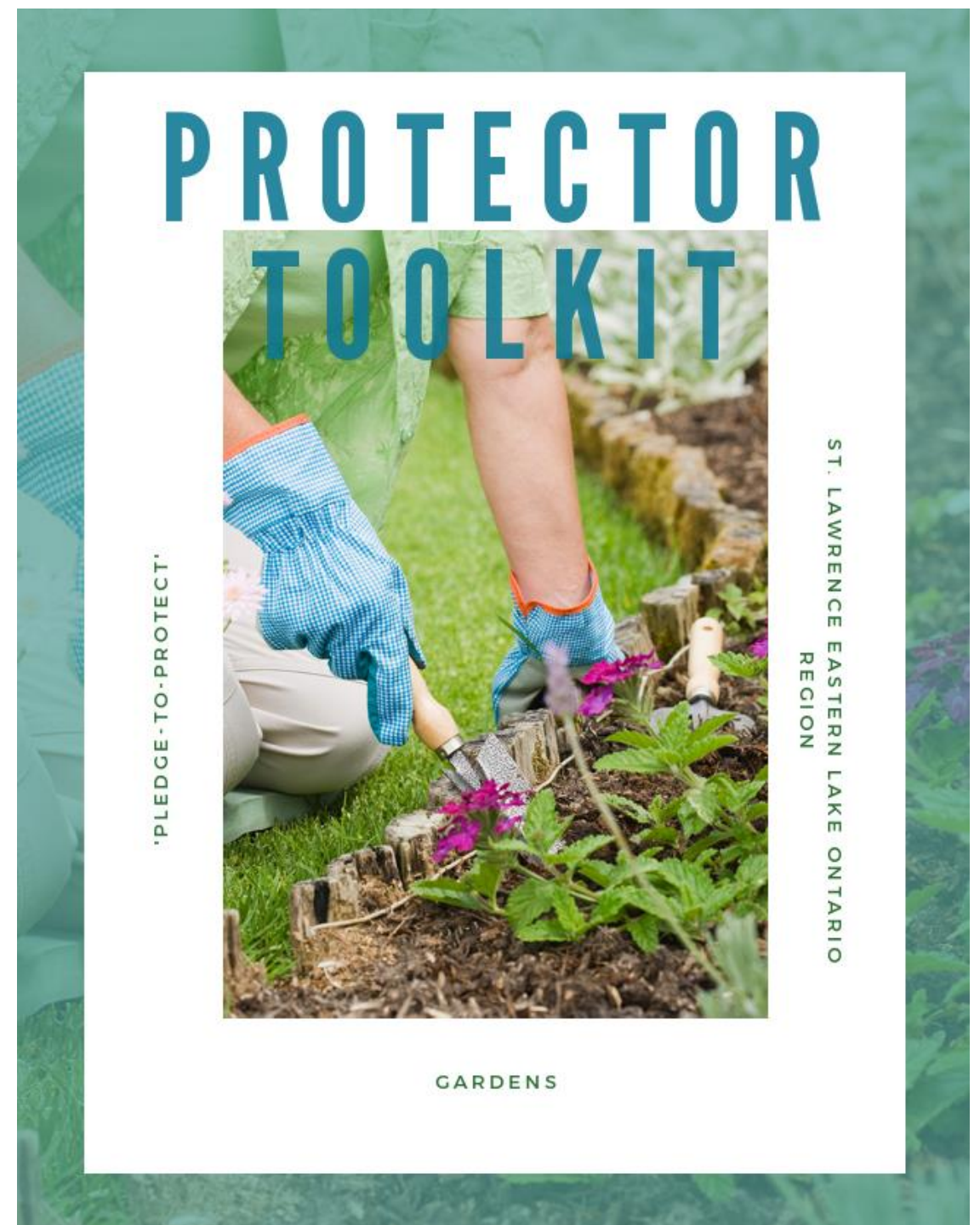
With the beautiful hues of fall beginning to sweep across our green spaces, autumn is fast approaching. This season marks a critical time for invasive species management. Whether you're doing

[Read More »](#)

Blogs are themed by season, showcase simple actions, and provide resources.

Protector Toolkits

- Themed for 5 categories
- Virtual/PDF versions
- Why care intro...
- Simple actions
- Invasive species showcase
- Ways to get involved
- Resources





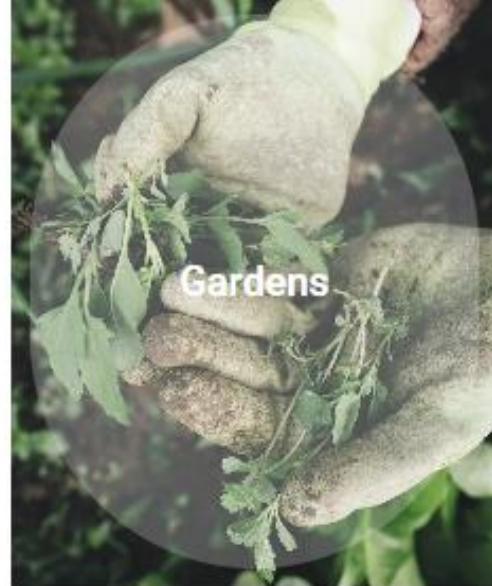
Lands & Trails



Forests



Waters



Gardens



Communities

[View PDF](#)



Lands & Trails Protector's Badge

[View PDF](#)



Forests Protector's Badge

[View PDF](#)



Water Protector's Badge

[View PDF](#)



Garden Protector's Badge

[View PDF](#)



Community Protector's Badge

Social Media Library



Protectors Tips

TO PROTECT YOUR GARDENS, LANDS, AND WATERS



- Prioritizes **native plants**
- Replaces **invasive ornamental plants** with sustainable alternatives
- Builds landscapes that are **resilient**
- Prevents the accidental introductions





NATIVE ALTERNATIVES FOR COMMON INVASIVE GARDEN PLANTS

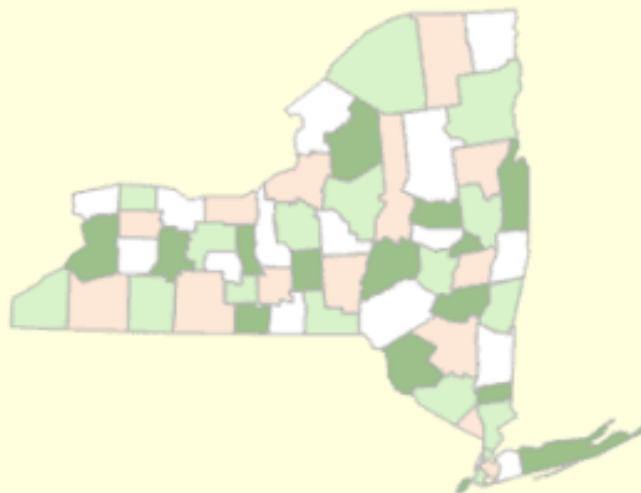


New York Flora Atlas

New York Flora Association

Browse the Flora Atlas By Map

Select a county below to view plant species for that county. Hover over a county to view the county name.



Native Alternatives



Winterberry (*Llex verticillata*)

Invasive Barberry

Berberis thunbergii



Virginia Rose (*Rosa virginiana*)



Invasive Yellow Iris

Iris pseudacorus



Native Alternatives



Blue Flag Iris (*Iris versicolor*)



Blue Vervain (*Verbena hastata*)



Cardinal Flower (*Lobelia cardinalis*)



Invasive Butterfly Bush

Buddleja davidii



Native Alternatives



New England Aster (*Symphyotrichum novae-angliae*)



American Elderberry (*Sambucus canadensis*)



Multiflora Rose

Rosa multiflora



Native Alternatives

Ninebark (*Physocarpus opulifolius*)



Buttonbush (*Cephalanthus occidentalis*)



Spicebush (*Lindera benzoin*)



True Native Species

NATIVE SPECIES

'Echinacea purpurea'

(Purple Coneflower)

Straight Species: Unaltered wild form

ORIGIN: Native to Central & Eastern USA

BENEFITS: Maximum ecological value,
supports local pollinators

Cultivar Label

NATURE'S
BEST
SELECTION

SELECT CULTIVAR

Echinacea purpurea
"Magnus"

(Magnus Coneflower)

UNIQUE FEATURE: Vibrant,
deep-pink petals; strong stems



SELECTED VARIETY: Selected for
consistent color and size

EASY TO GROW:
Great for borders and
cutting



New York State Prohibited and Regulated Invasive Plants

September 10, 2014



NYS DEPARTMENT OF
ENVIRONMENTAL CONSERVATION



NYS DEPARTMENT OF
AGRICULTURE AND MARKETS



Garden Protector Toolbox Top Picks:

- Climate smart gardening guide
- Common invasive species
- Native alternatives guides
- Native plant resources





General Control Methods For Invasive Plants

MANUAL: DIGGING & PULLING

- Effective for small invasive plant populations.
- Slowly dig/pull plants up by the base and remove entire root system.
- Avoid leaving behind plant fragments as they may resprout.



MECHANICAL: CUTTING & MOWING

- Effective for medium sized invasive plant populations.
- Cut/mow invasive plants to ground level before flowering occurs.
- Remove clippings from site and place in a sunny spot for 2-weeks prior to disposal or composting.



CHEMICAL: HERBICIDE APPLICATION

- Effective for medium-large sized invasive plant populations.
- Apply herbicide at peak growth before seed production. Follow all labels.
- Treated plants should remain undisturbed for 2-weeks following treatment. No disposal required.



**Avoid direct
skin contact
with noxious
plants**

**NYS DEC has a Giant
Hogweed Control
Guide and Hotline
that can be found
online**

WILD PARSNIP
(*PASTINACA*
SATIVA)



COMPOUND LEAF



FLAT-TOPPED
FLOWER CLUSTER

**GIANT
HOGWEED**
(*HERACLEUM*
MANTEGAZZIANUM)



LEAVES UP TO
5' LONG



CONICAL FLOWER
CLUSTERS

PLANTS OFTEN MISTAKEN FOR GIANT HOGWEED



Cow Parsnip

Shorter (5' - 8' tall) and more slender; stem ridged, with fine hairs; green or may have a purplish hue, but not blotched; smaller, flat-topped flower cluster. May cause burns.



Angelica

Usually shorter (4' - 9' tall); stem smooth and waxy, green to purple (not blotched); flower cluster softball-size and shape; compound leaves made up of smaller leaflets. May cause burns.



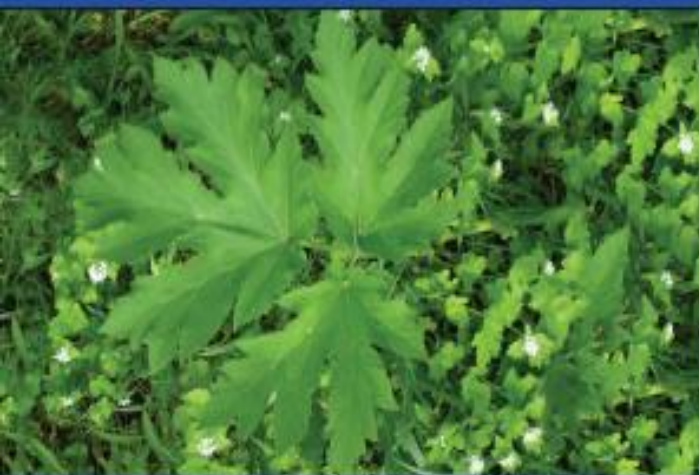
Queen Anne's Lace

Shorter (1' - 3' tall) with smaller flower clusters (up to 4" across); lacy, fern-like leaves.



Wild Parsnip

Shorter (up to 5' tall); green, hairless stem with grooves; flower cluster yellowish-green. **DON'T TOUCH! CAN CAUSE SEVERE BURNS.**



See additional similar plants at www.dec.ny.gov/animals/72766.html



What if you could help protect thousands of acres
of land just by taking a walk?



**INVASIVE SPECIES
MANAGEMENT**
SAINT LAWRENCE
EASTERN LAKE ONTARIO

Land Protector Learning Experience

Upcoming Field Sessions

- **July 22nd:** Water chestnut & yellow iris removal
 - Lakeview WMA South Colwell Pond, Ellisburg, NY
- **October 16th & 17th:** Restoration plantings
- **Winter:** HWA learning sessions



Visit the Lands and Trails
Protector's Toolbox



PROTECT LANDS & TRAILS

From Invasive species
iPledgeToProtect.org



Visit the Forest Protector's Toolbox



PROTECT FORESTS

From Invasive species
iPledgeToProtect.org



Visit the Community
Protector's Toolbox



PROTECT COMMUNITIES

From Invasive species
iPledgeToProtect.org





Tips for Protecting Waters

A person wearing a blue protective suit, gloves, and goggles is using a high-pressure hose to clean the lower part of a boat's outboard motor. The motor is a Yamaha 70 HP. The boat is a yellow and white Carolina. The scene is outdoors with trees in the background. The text "CLEAN. DRAIN. DRY." is overlaid in large white letters.

CLEAN. DRAIN. DRY.



NEW
YORK
STATE

Department of
Environmental
Conservation



**What if your next paddle
protected a beautiful place like this!**

Water Protectors

- The Vision: engage stewardship & learn
- Since 2023:
 - 32 Volunteers Trained
 - 23 Waterbodies Adopted
- We hope you'll join us!





**INVASIVE SPECIES
MANAGEMENT**
SAINT LAWRENCE
EASTERN LAKE ONTARIO

Aquatic Invasive Species Learning Experience

- **Plant ID Workshop:** 7/10/26; 1 PM– 3 PM
IRLC Redwood Preserve, Redwood, NY
- **Guided Paddle:** 8/14/26; 10 AM– 1 PM
Indian River Lakes, Theresa, NY



Protector's



Activity

ORGANIZE OR PARTICIPATE IN A
**Water
Chestnut
Pull**



- Floating rosette
- Heart shaped toothed leaves
- Inflated petiole (helps float)
- Nutlets have sharp points (15-20 plants, viable up to 12 years)



Photo: Brittney Rogers TNC 2019 ©



Hunt, USDA NRICS PLANTS Database, Bugwood.org



Water Chestnut

Trapa natans





WATER CHESTNUT REMOVALS

IN THE SLELO REGION

- July 9th, Oneida Lake, Conasota, NY
- July 17th Oswegatchie River, Village of Heuvelton, NY (St. Lawrence County)
- July 22nd Lakeview WMA, Henderson/Ellisburg, NY (Jefferson County)
- 7/28 & 8/4: Tibbets Creek, Ogdensburg, NY (St. Lawrence County)
- August 7th: Guffin Bay, Dexter, NY (Jefferson County)

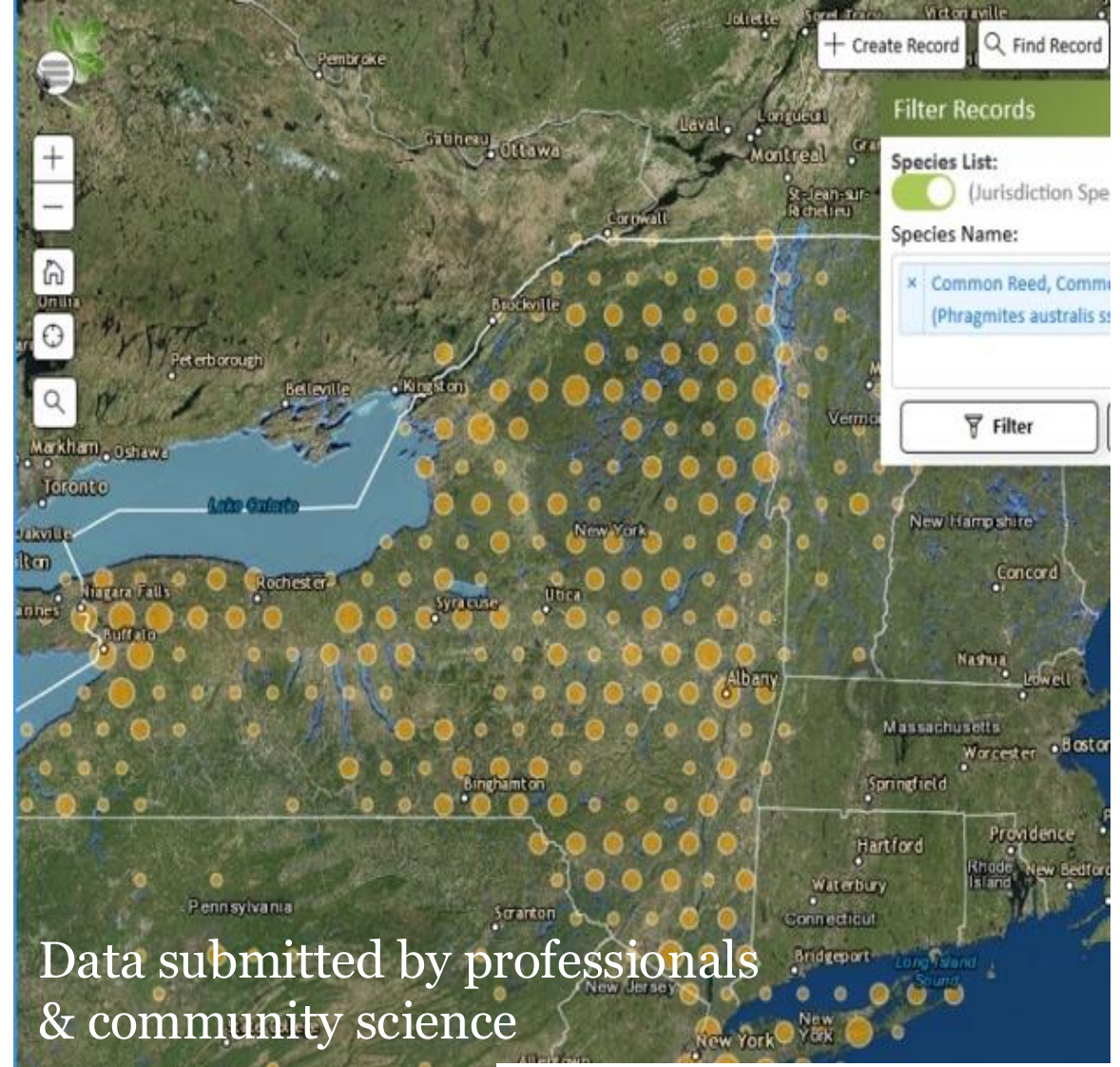
Water Protector Toolbox Top Picks:

- NYS DEC Stewardship Launch and Decon Locator Map
- Species ID guides
- Aquatic invasive species management, permitting resources, and funding opportunities



Community Science Mobile Apps





Data submitted by professionals
& community science



New York
Natural Heritage
Program

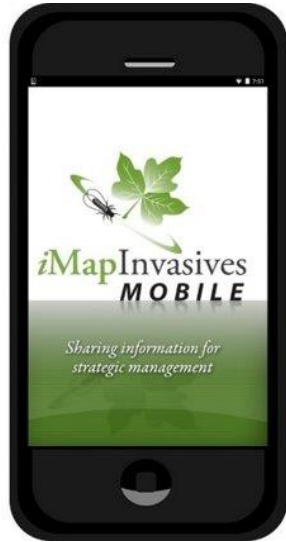


State University of New York College of
Environmental Science and Forestry

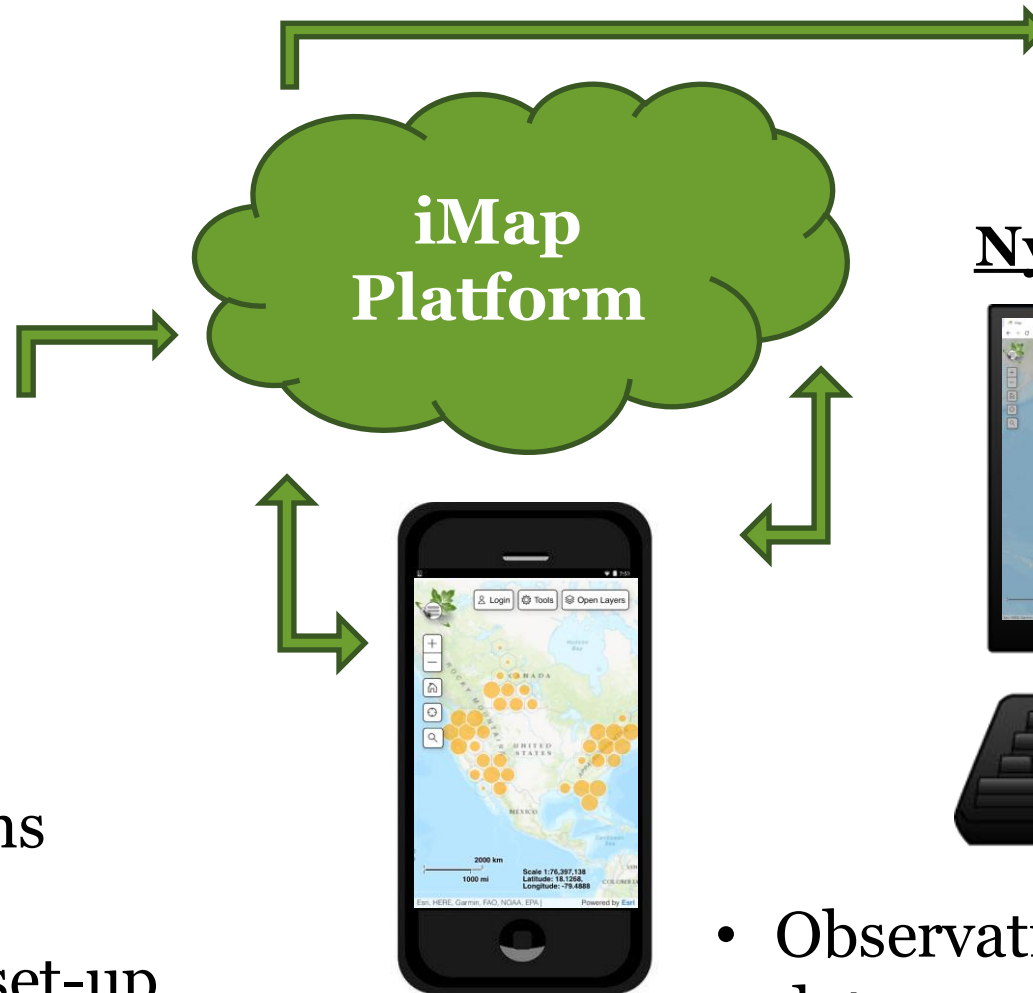


Department of
Environmental
Conservation

Mobile App



- Report observations
- **Does not require connectivity** once set-up

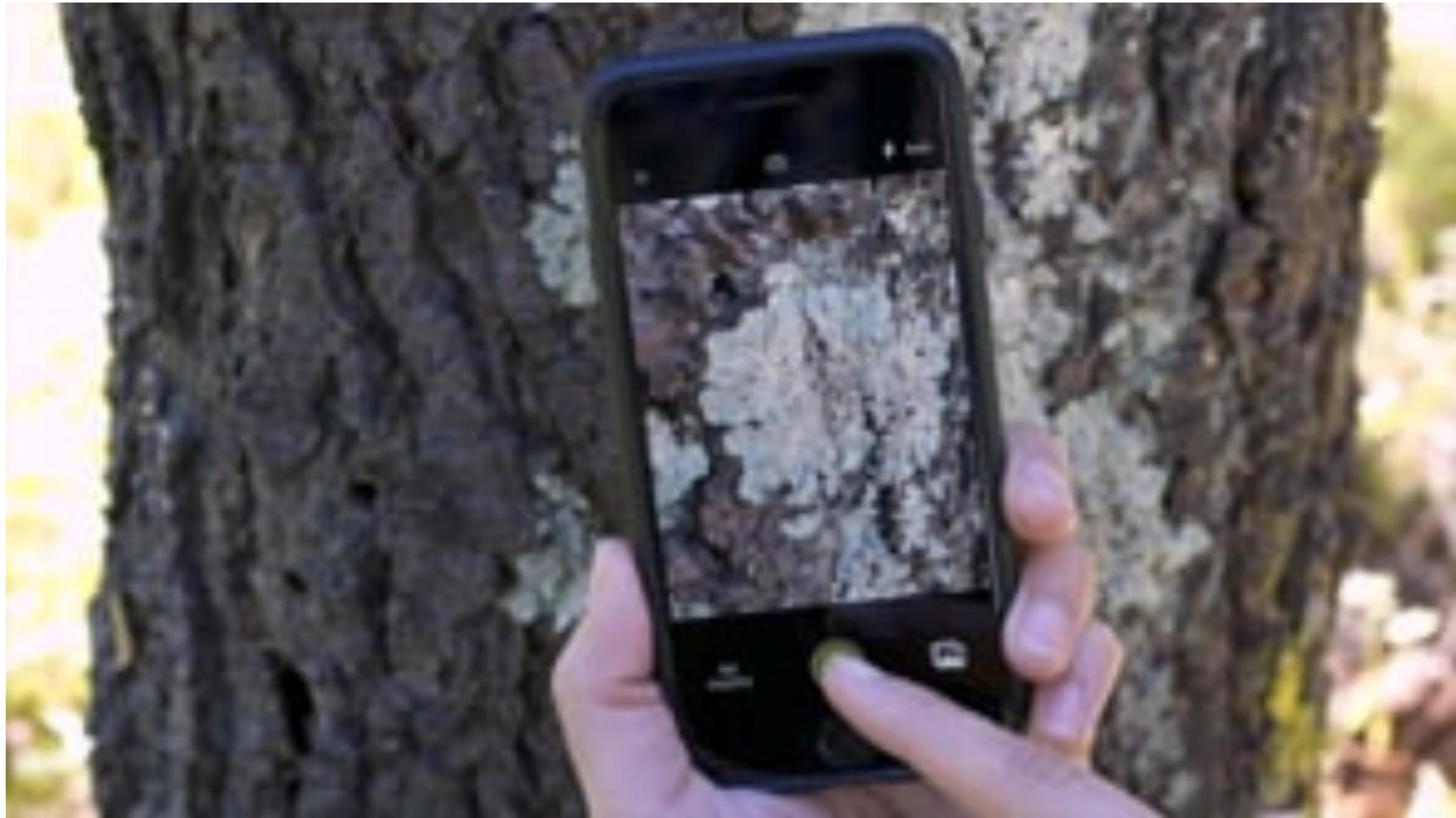


- *Email Alerts*
- *Web Map Services*

Nyimapinvasives.org



- Observation, treatment, survey data
- Interactive public map
- **Requires connectivity**



seek

by iNaturalist

Get outside, explore, and learn
about the nature all around you!



GET IT ON
Google Play



Download on the
App Store



@seek_by_inat



CALIFORNIA
ACADEMY OF
SCIENCES



NATIONAL
GEOGRAPHIC



© 2019 California Academy of Sciences



You matter and we hope you'll join us!

Take the Pledge. Get the Tools. Earn the Badge



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Protect Your Favorite Outdoor Spaces From Invasive Species



rebrand.ly/LLV_P2P