

Who's Doing What in Invasive Species Management in the Catskills



The “Who’s Doing What in Invasive Species Management in the Catskills” Conference Series brought together organizations from throughout the region that are doing some aspect of invasive species management to find ways that partners can find potential new collaborations and efficiencies, as well as to reduce redundancies, in control and education work. The Catskill Regional Invasive Species Partnership organized over 20 organizations to share invasive species management work they are doing in the region.

The Catskill Regional Invasive Species Partnership identified twelve aspects of invasive species management:

- Citizen Science
- Control
- Databases
- Education and Outreach
- Early Detection
- Funding
- Prevention
- Rapid Response
- Research
- Restoration
- Survey and Mapping
- Trainings

Each of these is key to invasive species management, but not all organizations are involved in every aspect. Organizations in attendance at the “Who’s Doing What” Conference series were asked to self-identify which categories they interact with. At the end of each conference, a round-table discussion elaborated on these aspects in different way. Session One’s round table discussion focused on elaboration of individual organizations’ work under each category. Session Two’s round table focused on the categories which had the least or most organizations involved in them, to help highlight potential new collaborations and redundancies. At the Session Three round table, participants were asked to detail where their programs or organizations are actively involved with invasive species work within the CRISP region. After the conference series, organizations will be invited to expand on each category through an online survey form, including organizations that could not attend the series.

Session One Summary

In Attendance

- Carrie Marschner, NYSHI
- Chris Zimmerman, TNC
- Collin Miller, NYC DEP
- Connor Young, CCE Columbia Greene Counties
- Dan Snider, CRISP
- Dave Adams, NYS DEC
- Donna Vogler, SUNY Oneonta
- Evan Sweeney, NRCS
- Ian Dunn, NYS DEC
- Jaw Zerniak, DCSW
- Jeff O’Handley, OCCA
- Jessica Newbern, NPS
- John Thompson, CRISP
- Kris Gilbert, NYS DEC
- Kyle Beel, DCSW
- Meg Wilkinson NYNHP
- Meredith Taylor, NYC DEP
- Molly Hasset, NYS DEC
- Tom Pavlesich, WAC

Presentations

Controlling for Invasive Plants in Riparian Areas— Catherine Skalda, CSBI

Categories: Control, Education & Outreach, Restoration

My Woodlot—Tom Pavlesich, WAC

Categories: Control, Early Detection, Education & Outreach, Prevention, Rapid Response, Restoration

The 3 R’s of Early Detection: Resources, Recon, Research—Donna Vogler, SUNY Oneonta

Categories: Citizen Science, Early Detection, Education & Outreach, Mapping, Research, Surveys, Training

Upper Delaware Invasive Species Detection and Management— Jessica Newbern, NPS

Categories: Control, Early Detection, Education & Outreach, Mapping, Prevention, Rapid Response, Restoration, Surveys, Training

Healthy and Resilient Forest Tools, Research and Resources—Chris Zimmerman, TNC

Categories: Citizen Science, Education & Outreach, Mapping, Research, Surveys, Training

OCCA—Jeff O’Handley, OCCA

Categories: Control, Citizen Science, Early Detection, Education & Outreach, Mapping, Rapid Response, Restoration, Surveys, Training

CFA—John MacNaught, CFA

Categories: Control, Education & Outreach, Training

ERI—Jonathan Rosenthal, ERI

Categories: Citizen Science, Early Detection, Education & Outreach, Mapping, Research, Restoration, Surveys, Training

iMap Invasives—Meg Wilkinson, NYNHP

Categories: Citizen Science, Early Detection, Education & Outreach, Mapping, Research, Surveys, Training

Round Table Discussion Topics

The round table discussion at the first Who’s Doing What session focused on elaborating on how specific organizations work in each of several of the identified categories. Cornell’s Agricultural In-Service’s video archive was highlighted as a Training resource. Several approaches to knotweed suppression were compared, from Beaverkill Campground and the Neversink during the Control discussion of the workshop. The Funding discussion highlighted several organizations with funding available: USFS for hemlock woolly adelgid control on private and protected lands, CFA funding for member-owned lands, NFWF Delaware Basin Conservation Act for modeling, streamside restoration, remote sensing, among others, WAC for private landowners in the Lower Hudson region, and CRISP’s annual RFP.

Session Two Summary

In Attendance

- Ben Fairbairn, Research
- Carrie Marschner, NYSHI
- Catherine Skalda, CSBI
- Connor Young, CCE Columbia Greene Counties
- Dan Snider, CRISP
- Diana Weiner, Sullivan Re-
- naissance
- Donne Vogler, SUNY Oneonta
- Erica Speiss, NPS
- Jennifer Dean, NYNHP
- Jessica Newbern, NPS
- John Thompson, CRISP
- Karen Rauter, SCSW
- Kris Gilbert, NY DOT
- Mary Keefe, OCCA
- Meredith Taylor, NYC DEP
- Steve Schwartz, DRWI
- Tom Lewis, Trillium
- Tom Pavlesich, WAC

Presentations

CCE Invasive Species Education— Connor Young, CCE

Categories: Citizen Science, Education & Outreach, Training

What DEP Is Doing In The Catskills—Meredith Taylor, NYC DEP

Categories: Control, Databases, Early Detection, Education & Outreach, Mapping, Prevention, Rapid Response, Restoration, Surveys, Training

What's New In iMap 3.0—Jenn Dean, NYNHP

Categories: Citizen Science, Databases, Education & Outreach, Mapping, Surveys, Training

2019 CRISP EDRR— Tom Lewis, Trillium

Categories: Control, Early Detection, Mapping, Rapid Response, Surveys

Upper Delaware Research, Outreach and Management Demonstration Project—Steve Schwartz, DRWI

Categories: Control, Education & Outreach, Mapping, Research, Restoration, Surveys, Training

NYS Hemlock Initiative and the Catskills—Carrie Marschner, NYSHI

Categories: Citizen Science, Control, Early Detection, Education & Outreach, Mapping, Prevention Research, Surveys, Training

Working With Stakeholders to Protect Hemlocks for Water Quality and Recreation—Karen Rauter and Ben Fairbairn, SCSWCD

Categories: Mapping, Rapid Response, Research

Round Table Discussion Topics

The round table discussion at the second Who's Doing What session focused on identifying those categories with the most and least organizations interfacing with them. Citizen Science was identified as the category that the least number of organizations are working on. The group proposed adding an Advocacy category, and to combine Education & Outreach + Training; and Control + Rapid Response; to minimize overlap. Categories with many involved organizations are good targets for reducing redundancies and to identify possible efficiencies for those who are working in them. As with Session One, Session Two concluded with a general need for funding sources to be better aggregated or highlighted. CRISP staff will also develop an online survey form for organizations to more thoroughly discuss their interactions with invasive species within each identified category.

Categorization Exercise

- Citizen Science—6
- Control—11
- Databases—11
- Education and Outreach—11
- Early Detection—10
- Funding—7
- Prevention—7
- Rapid Response—7
- Research—9
- Restoration—9
- Survey and Mapping—11
- Trainings—11

Session Three Summary

In Attendance

- Bryan Ellis, NYS DEC
- Collin Miller, DEP
- Dan Snider, CRISP
- Donne Vogler, SUNY Oneonta
- Emma Antolos, NYS DEC
- Haley Korcz, CCCD
- Ian Dunn, NYS DEC
- Jessica Newbern, NPS
- Jess Kathe, CCCD
- John MacNaught, CFA
- John Thompson, CRISP
- Kris Gilbert, NY DOT
- Lauren Mercer, NYS DEC
- Steve Schwartz, DRWI
- Thom Allgaier, NYS DAM

Presentations

Efficient Disposal of Green Waste from NYC DEP Lands: A Demonstration of Air Curtain Burner Technology—

Collin Miller, NYC DEP

Categories: Control, Databases, Education & Outreach, Early Detection, Prevention, Rapid Response, Restoration, Surveys & Mapping, Trainings

Update on Spotted Lanternfly and Asian Longhorned Beetle—Thom Allgaier, NYS DAM

Categories: Control, Databases, Education & Outreach, Early Detection, Prevention, Rapid Response, Surveys and Mapping, Trainings

NYSDEC's Bureau of Invasive Species and Ecosystem Health—Emma Antolos and Bryan Ellis, NYS DEC

Categories: Control, Databases, Education & Outreach, Early Detection, Funding, Prevention, Rapid Response, Research, Restoration, Surveys and Mapping, Trainings

Invasive Species Management in the Catskill Forest Preserve: Facilitation, Education, Action— Ian Dunn, NYS DEC

Categories: Control, Databases, Education & Outreach, Early Detection, Funding, Prevention, Rapid Response, Research, Restoration, Surveys and Mapping, Trainings

NYS DOT's Invasive Species Management—Kris Gilbert, NYS DOT

Categories: Control, Databases, Early Detection, Rapid Response, Trainings

Catskills Strike Team Survey—Jessica Kathe and Haley Korcz, CCCD

Categories: Advocacy, Control, Databases, Education & Outreach, Early Detection, Prevention, Rapid Response, Restoration, Surveys and Mapping, Trainings

Round Table Discussion Topics

The round table discussion at the third Who's Doing What session featured two main parts. The first was a general Question and Answer period for the group. The group discussed the burn box's other uses outside of invasive control and disaster response and New York State Department of Transportation staff education and vehicle cleaning requirements for contractors. The second part of the discussion was a mapping exercise. CRISP staff provided print-out maps of the CRISP region, asking participants to highlight the parts of the region their department or organization is active in invasive species management. These maps have been digitized and kept up-to-date on the CRISP website. Their purpose is to highlight overlap and gaps in invasive species management in the CRISP region. In geographical areas that have many active organizations, organizations may identify redundancies in their work to better streamline management actions, whereas areas with few or no organizational activity may provide opportunities for those organizations that may have the capacity to be more active in underserved areas.

Workshop Summary

Participation

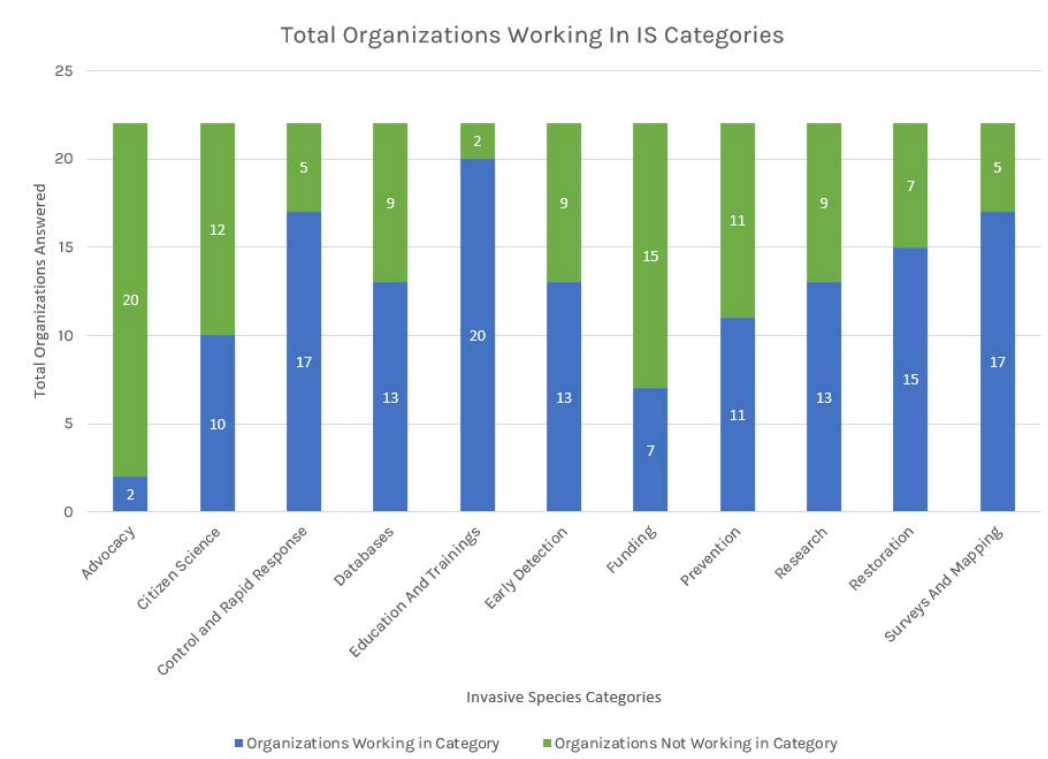
Over the course of the Who's Doing What in Invasive Species Management in the Catskills Conference Series, 22 partner organizations gave presentations detailing the work they are involved in regarding invasive species education, management, or training. 38 individuals attended the workshops, and 22 organizations or programs submitted information about where and how they are involved in invasive species management in the CRISP region.

Results

Of the 22 partner organizations that submitted information about working in invasive species management, 13 are involved in more than half of identified categories. Education and Outreach, Surveys and Mapping, and Trainings (internal or external), had the most partner involvement, with 20, 17 and 17 of partner organizations performing each respective activity. These categories may provide significant potential for streamlining efforts, creating more efficient outreach, more standardized survey methods, or fewer trainings for larger or combined audiences that multiple organizations are targeting.

The categories with the least participation were Advocacy, Funding, Citizen Science, and Rapid Response, with 2, 7, 10 and 10 partner organizations involved in each respective activity. This data does highlight potential for a more concerted or more highly publicized alerts or summaries for invasive species funding opportunities. There is also the potential for better promotion of ways in which organizations can take part in advocating for better funding for invasive species work. The low participation in Citizen Science and Rapid Response work indicates potential for building capacity of citizen science and volunteer programs to perform Rapid Response.

The chart below shows the number of organizations involved with each invasive species management category.



Workshop Summary

Regional Activity

During the last workshop in the Who's Doing What in Invasive Species Management in the Catskills conference series, we asked participants to represent their area of activity in invasive species management within the CRISP region. The map below shows the aggregated information from those organizations that did participate in this part of the workshop..

There is the most overlap in regional management along the Upper Delaware River and Northern Delaware County. These regions represent the most likely areas of some duplication of efforts. Organizations active in these areas can work together to determine if there is potential to collaborate on projects with similar goals or trainings with similar audiences. Reduced redundancies and better collaboration in areas of heavy management activity will free up resources for other invasive species work.

Areas with fewer organizations active in invasive species management may be good targets for participating organizations to provide services to underserved regions or identify potential new partners to help expand already working in those areas.

