

WNY PRISM 2017 Annual Work Plan



Partnering to Protect Western New York from Invasive Species

Prepared By: Andrea Locke, WNY PRISM Coordinator



**Department of
Environmental
Conservation**



GREAT LAKES CENTER
BUFFALO STATE • The State University of New York

Funding for WNY PRISM is provided by the Environmental Protection Fund through the NYS Department of Environmental Conservation. WNY PRISM is a sponsored program of The Research Foundation at SUNY Buffalo State and hosted by The Great Lakes Center.

WNY PRISM would like to thank our Steering Committee Members and additional Partners for all of their time and effort put towards development of this Work Plan and their continued support of WNY PRISM and invasive species management in western New York.

WNY PRISM Steering Committee Members

Buffalo Niagara Riverkeeper
 Chestnut Ridge Nursery - Certified Nursery Landscape Professionals
 Cornell Cooperative Extension Erie County
 Ecology & Environment, Inc
 Great Lakes Center - SUNY Buffalo State
 New York SeaGrant
 NY Dept. of Environmental Conservation

NY Dept. of Transportation
 NY Office of Parks, Recreation and Historic Preservation
 The Nature Conservancy
 United State Army Corps of Engineers - Buffalo District
 United States Fish and Wildlife Service - Great Lakes Office
 USDA - Natural Resource Conservation Service

Partners & Programs

ACNC	Audubon Community Nature Center
BNR	Buffalo Niagara Riverkeeper
BSC	SUNY Buffalo State
BSPS	Bergen Swamp Preservation Society
CCE	Cornell Cooperative Extension
DAM	Department of Agriculture and Markets
DEC	New York State Department of Environmental Conservation
EABTF	Western New York Emerald Ash Borer Task Force
GLAA	Great Lakes Action Agenda
GLC	The Great Lakes Center at SUNY Buffalo State
iMap	iMapInvasives (NYS IS Database)
ISAC	NYS Invasive Species Advisory Committee
ISC	NYS Invasive Species Council
ISCS	DEC Invasive Species Coordination Section
NYISRI	New York Invasive Species Research Institute
OISC	NYS Office of Invasive Species Coordination
Parks	New York State Parks, Recreation, and Historic Preservation
RF	The Research Foundation for SUNY Buffalo State
RTPI	Roger Tory Peterson Institute
USACE	United States Army Corps of Engineers Buffalo District
USFWS	United States Fish and Wildlife Service

Abbreviations

AL	Andrea Locke, WNY PRISM Coordinator
CP	Dr. Christopher Pennuto, Director, WNY PRISM
CREW	ISMA & E&O combined
E&O	Education & Outreach Assistant
ED	Early Detection
ISMA	Invasive Species Management Assistant
MGT	Management
Mtgs	Meetings
Online Resources	Website, Listserve, Facebook, Twitter, etc.
RR	Rapid Response
ISPZ	Invasive Species Prevention Zone
SC	Steering Committee
SP	Strategic Plan
Website	www.wnyprism.org
WG	Working Groups
WP	Annual Work Plan

WNY PRISM 2017 Annual Work Plan

1. Partner/Network Coordination					
Establish a partnership network and communication for those involved in invasive species information and management within the WNY PRISM region. Facilitate opportunities for cooperation including sharing of information, personnel, equipment and expertise.					
Objective	Actions Planned	Resource or Collaboration Needs	Lead	Due Date or Frequency	Output or Outcome
A. Establish WNY PRISM as regional organization for coordination and information on invasive species management	Meet with Partners to develop new relationships and strengthen Partnership	SC, WG, Partners	AL	ongoing	Increased strength and effectiveness of Partnership
	Record/Track # of Partners active within the Partnership and reach out to unrepresented groups	Events, Mtgs, WG	AL	ongoing	Increased strength and effectiveness of Partnership
	Coordinate Steering Committee Mtgs (4), Full Partner Mtgs (2), and distribute minutes to all Partners	SC, Online Resources	AL	bi-monthly	4 SC Mtgs, 2 Partner Mtgs, improved communication
	Hold open Working Group meetings (Terrestrial, Aquatic, E&O, Conservation Targets)	WG, Partners, Online Resources	AL	as needed	WG Mtgs, improved communication & collaboration
	Post all meeting minutes, work plans, reports etc. on Website and distribute through additional online resources as appropriate	SC, Partners, Online Resources	AL	w/in 2 wks of Mtg	Increased communication & collaboration
	Participate in regional invasive species efforts such as WNY EAB/Forest Pest Taskforce and Great Lakes Action Agenda	EABTF, GLAA, Partners	AL	as appropriate	Improved coordination within the region
	Develop job description for Crew Leader/Projects Manager (FTE), post and hire as funding allows	RF, GLC, BSC, DEC, Online Resources	AL, CP	as funding allows	WNY PRISM Projects Manager (1)
	Crew Hiring - update job descriptions for Invasive Species Management Assistant (2/3) and Education & Outreach Assistant, post, and hire	RF, BSC, Online Resources	AL, CP	post JAN/FEB, hire APR	CREW - 1 E&O, 2 or 3 ISMA
	Submit Grant Application to GLRI-EPA for establishment of <i>Brachypodium sylvaticum</i> Working Group, if funded add project scope to Work Plan	GLRI-EPA, WG, RF, GLC, BSC	AL, CP, RF	Due 1/13/2017	Increased collaboration, regional awareness, & strength of Partnership
	Collect metrics for tracking growth and success of WNY PRISM	Partners	AL	ongoing	Metrics for quantifying success & progress
	Provide continuing education and professional development opportunities for WNY PRISM staff	WNY PRISM Director, PRISM Leaders, SC	AL	as identified	Increased staff knowledge
B. Establish means of communication(s) to facilitate sharing of information and resources among Partners	Continue to promote and use online resources to provide information and updates for region	Online Resources	E&O, AL	ongoing	Increased regional awareness
	Continue to update Website including events calendar and blog	Website, Partners	AL	ongoing	Increased regional awareness
	Continue to produce 2 E-Newsletters and distribute	Partners, WG, Online Resources	E&O, AL	Spring/Fall	Increased regional awareness
	Continue to use BSC resources to distribute news items to media including press releases	BSC	AL	as appropriate	Improved communication

Partner-Network Coordination

WNY PRISM 2017 Annual Work Plan

1. Partner/Network Coordination					
Establish a partnership network and communication for those involved in invasive species information and management within the WNY PRISM region. Facilitate opportunities for cooperation including sharing of information, personnel, equipment and expertise.					
Objective	Actions Planned	Resource or Collaboration Needs	Lead	Due Date or Frequency	Output or Outcome
C. Create a database of existing Partners and Stakeholders, programming and priorities	Update spreadsheet on Partner programming, scopes of work and priorities	Partners, SC, Online Resources	AL	ongoing	Programming resource for internal use (1)
D. Provide information, assistance and collaboration opportunities to Partners seeking external funds/grants	Update spreadsheet detailing grants/funding for invasive species management activities	Partners, Online Resources	E&O	6/30/2017	Grants/funding resource (1)
	Distribute current funding opportunities to Partners	Online Resources	AL	ongoing	Increased funding brought to WNY
	Work with Partners to identify opportunities for grant/project collaboration and assist with connecting appropriate Partners	Partners, SC, WG, Online Resources	AL	as appropriate	Increased success for grant applications and resulting projects
	Provide assistance (i.e. letters of support, proposal review) for Partners seeking funds	Partners, SC	AL	as appropriate	Increased success for grant applications
E. Identify the appropriate document to formalize partnership agreement and obtain commitment from Partners	Obtain Letters of Support for WNY PRISM from Steering Committee Member Organizations	SC	AL	as needed	Demonstrated support for WNY PRISM among SC
	Obtain Letters of Support from Partners as need is identified	SC, Partners	AL	as needed	Demonstrated support among Primary Partners
F. Identify key Partners and Stakeholders including points of contact for each of WNY's eight counties	Update regional and county lists of Stakeholders, including current contact information	Partners, Online Resources	E&O	6/30/2017	Stakeholder resource (1) for internal use
G. Coordinate with other PRISMs, NYS Invasive Species Advisory Committee, DEC Invasive Species Coordination Section and other appropriate broader region stakeholders	Attend quarterly PRISM Leaders meetings (1), participate in conference calls (2)	PRISM Leaders, ISCS	AL	Quarterly	Improved statewide communication & collaboration
	Facilitate Fall PRISM Leaders Mtg to be held in Buffalo	PRISM Leaders, ISCS, iMap, NYISRI	AL	10/4/2017	Increased statewide understanding of regional efforts
	Participate in monthly invasive species speaker series calls (9) and facilitate (1 - MARCH)	PRISM Leaders, NYISRI	AL	monthly /MAR	Increased regional knowledge
	Coordinate with NYISRI, share and provide information as needed/requested	NYISRI, Partners, Online Resources	AL	as requested	Increased collaboration
	Provide information and document review as requested and time permits	PRISM Leaders, ISCS	AL	as requested	Increased collaboration
	Identify opportunities to collaborate with other PRISM Regions on shared priorities	PRISM Leaders, SC	AL	as identified	Improved effectiveness and resource sharing
	Attend other PRISM Partner Mtgs when appropriate	PRISM Leaders	AL	as identified	Increased understanding of regional efforts
	Attend Cornell Cooperative Extension In-Service as Annual Invasive Species Conference	CCE, NYISRI, PRISM Leaders	AL	NOV	Improved communication & staff development

Partner-Network Coordination

WNY PRISM 2017 Annual Work Plan

2. Information Management					
Collect, utilize and share information regarding invasive species management including species, pathways of invasion, surveys, infestations, control methods, monitoring, research, current efforts/projects and opportunities for Partner collaboration.					
Objective	Actions Planned	Resource or Collaboration Needs	Lead	Due Date or Frequency	Output or Outcome
A. Identify regional priorities for invasive species management including, conservation targets, high priority conservation areas, invasive species prevention zones and high probability areas	Continue work with statewide effort to develop GIS based prioritization mapping and further engage Conservation Targets WG in effort	NYISRI, iMap, PRISM Leaders, WG	AL, WG	ongoing	Priorization Mapping Tool (1)
	Review potential Invasive Species Prevention Zones (ISPZ identified in 2016), rank and identify next steps	WG, Partners, Parks, DEC	AL, WG	9/30/2017	ISPZ identified (1)
B. Determine current/known presence and distribution of invasive species	Continue to use iMap and other resources to determine changing and/or newly recognized distribution and presence within WNY	iMap, EDDS, DEC, Partners	CREW	9/30/2017	Increased presence & distribution data
	Identify areas within region that represent data gaps for invasive species distribution and further identify sites (and associate Partners) for Crew to map	iMap, Partners	CREW, AL	9/30/2017	Complete 2 mapping projects
	Identify species with significant information gaps and encourage Partners and Volunteers to provide data	iMap, Partners, Volunteers, Online Resources	AL, CREW	12/31/2017	Species list (1), Increased presence & distribution data
C. Identify invasive species of immediate concern and likely to invade (approaching region)	Engage Partners to help identify new invasive species and/or approaching region species	Partners, WG, PRISM Leaders, NYISRI, iMap, Online Resources	AL	ongoing	Increased Partner awareness of emerging issues
	Create Watch List, separate from Early Detection Priorities List	WG, Partners	AL	3/31/2017	Watch List (1)
D. Assemble lists of contacts and resources to assist with management activities	Update list of contractors available for invasive species management/removal and make available to Partners upon request	Partners, Online Resources	ISMA	9/30/2017	Contractor Resource (1)
	Update spreadsheet of available resources and technical assistance for private landowners, format for distribution and post on Website	Online Resources, Spreadsheet	ISMA	9/30/2017	Private Landowner Resource (1)
E. Identify Best Management Practices for priority invasive species and determine what information is missing	Use available documents and online resources to create Best Management Practices for 4 additional priority species	Website, Online Resources	CREW, AL	12/31/2017	Priority species BMP (4), online resource
F. Develop WNY PRISM website to be used as the primary source of invasive species information within the region and promote use	Maintain and update content on Website	Website	AL	ongoing	Up-to-date Website (1)
	Continue to promote and use online resources to provide information for region	Website, Online Resources, ISCS	E&O, AL	ongoing	Improved understanding of IS issues
	Update priority species profiles as needed	Website, Online Resources	E&O	9/30/2017	Improved access to IS information
	Create and/or update species profiles for 'Watch List' species	Website, Online Resources, Partners	E&O, AL	12/31/2017	Species profiles - #TBD

WNY PRISM 2017 Annual Work Plan

2. Information Management					
Collect, utilize and share information regarding invasive species management including species, pathways of invasion, surveys, infestations, control methods, monitoring, research, current efforts/projects and opportunities for Partner collaboration.					
Objective	Actions Planned	Resource or Collaboration Needs	Lead	Due Date or Frequency	Output or Outcome
F. Continued	Encourage Partners to provide links to and promote www.wnyprism.org	Partners	AL	ongoing	Improved access to IS information
G. Develop comprehensive source of invasive species information that is accurate, searchable and user friendly	Update Invasive Species Profiles and ensure all appropriate tags are in place for easy search	Website	AL	as needed	Improved access to IS information
	Populate 'splash' page for Partners	Website, Web Resources	E&O	9/30/2016	Improved access to IS information
H. Utilize and encourage Partner use of iMapInvasives as the 'go-to' mapping software for current infestations and regional projects	Use iMap for all WNY PRISM invasive species occurrence data and encourage use by Partners and Volunteers	iMap	CREW	ongoing	Increased # of observations
	Provide regional training opportunities for iMap and additional trainings as requested if time permits and minimum number of participants (12) can be confirmed	Partners, iMap	AL	APR with add'l as requested	Spring Bioblitz Training (1-Grand Island), increase # iMap observers
I. Identify invasive species management projects occurring in the region and potential future projects	Use information obtained through Annual Report Partner requests and other sources to update spreadsheet on regional projects	Partners, Annual Report, online resources	AL	3/31/2017	Regional Projects Resource (1)
	Identify completed projects for which Crew can provide follow-up invasive species surveys - engage WG to determine criteria for project consideration and to prioritize projects/sites	WG, Partners, iMap	AL	9/30/2017	Complete 1 mapping project, improved understanding of IS management
J. Identify regional invasive species information gaps and research needs	Survey WNY PRISM Partners for research needs, current research and information and provide information to NYISRI	Partners, WG, Online Resources, NYISRI	AL	12/31/2017	Improved communication, information sharing & collaboration

WNY PRISM 2017 Annual Work Plan

3. Education and Outreach

Increase the Public, Partner and Stakeholder awareness, understanding and participation in invasive species issues and management within the WNY PRISM region, through effective educational and outreach efforts.

Objective	Actions Planned	Resource or Collaboration Needs	Lead	Due Date or Frequency	Output or Outcome
A. Identify education, outreach, and training needs within the WNY PRISM region and propose ways to fill them	Engage Partners to assist with identifying additional needs (efforts, topics, species, geographic areas)	WG, Partners, ISCS,	AL	ongoing	Identified needs for future planning
	Coordinate with Partners whose programs and priorities that pair well with identified needs	WG, Partners	AL	as identified	Increased public awareness
B. Identify currently available and needed outreach materials and resources	Identify appropriate materials and resources to address needs	Partners, Online Resources, WG	E&O	9/30/2017	Increased public/partner knowledge
	Identify needs that are unable to be addressed through current known resources and provide support for resource development	WG, Partners, ISCS, NYISRI, PRISM Leaders	AL	as needed	Increased public/partner knowledge
C. Identify and assess models of environment/invasive species education and outreach being implemented in WNY and identify those implementing them	Update spreadsheet for invasive species educational programming in WNY	WG, Partners, Online Resources	E&O	9/30/2017	WNY Educational Programs Resource (1)
	Continue work with ISCS on statewide education and outreach plan, provide feedback & information	ISCS, WG	AL	as needed	Statewide E&O Plan (1), statewide collaboration
D. Develop and implement education, outreach, and training opportunities as appropriate and efforts align with WNY PRISM priorities and Scope of Work	Maintain WNY PRISM presence at community events - attend least 1 in each county	Partners, CCE, Farmer's Markets	E&O	ongoing	Community Events (8)
	Assist Partners with (facilitate and/or present) conferences, trainings, and events (8)	Partners, WG	E&O	as needed	Workshops (8)
	Update and maintain WNY PRISM table-top display - identify ways to improve design/function to attract more attention	Display	E&O	ongoing	Improved messaging & increased public awareness
	Implement WNY PRISM Scope of Work for PUSH Buffalo EPA EJ Grant Project including IS worker training workshop and hands-on field training	PUSH, Silo City, Tifft	AL	6/30/2017	Increased involvement in invasive species activities
	Use online resources to provide information on invasive species topics and opportunities to get involved	Online Resources, Events Calendar	E&O	ongoing	Up-to Date Events Calendar (1)
	Use press releases and other forms of media to disseminate information to a broader audience	Online Resources, BSC, Partners	AL	as needed	Increased regional awareness of IS issues
	Promote WNY PRISM and provide information to interested parties	Partners, WG, Stakeholders	AL	ongoing	Increased regional awareness of IS issues
	Maintain spreadsheet tracking all education and outreach events	Volunteers, Partners	E&O	Quarterly	Events spreadsheet (1), record metrics
	Maintain spreadsheet tracking outreach materials distribution	Partners	E&O	as needed	Materials spreadsheet (1), record metrics

Education and Outreach

WNY PRISM 2017 Annual Work Plan

3. Education and Outreach					
Increase the Public, Partner and Stakeholder awareness, understanding and participation in invasive species issues and management within the WNY PRISM region, through effective educational and outreach efforts.					
Objective	Actions Planned	Resource or Collaboration Needs	Lead	Due Date or Frequency	Output or Outcome
E. Work with Partners to develop, further develop, and/or assist with development of education materials to meet identified regional needs, as fits within WNY PRISM Scope of Work	Assist Partners with development of new programs or updating of older programs as requested and align with WNY PRISM priorities and Scope of Work, as time and resources permit	Partners, WG, ISCS, PRISM Leaders	AL	as appropriate	Increased coordination of regional efforts
F. Develop education toolkits for various target groups to identify priority invasive species, understand impacts and provide management strategies and options	Continue development of a toolkit for municipalities/local governments; develop BMP fliers (2) and related powerpoint presentations	WG, Online Resources, PRISM Leaders	AL	12/31/2017	Municipalities Toolkit - BMP fliers (2)
G. Support statewide (and national) education and outreach efforts	Support Watercraft Inspection educational programming by assisting with planned workshop and webinars	NY Sea Grant, Parks	AL	ongoing	Increased public awareness of prevention efforts
	Participate in National Invasive Species Awareness week through planned events and/or outreach	Partners, Parks, RTPI	AL	FEB 27 - MAR 3	Increased public awareness of IS issues
	Support Partner efforts for Emerald Ash Borer Awareness Week	EABTF, CCE	E&O	MAY	Increased public awareness of forest pests
	Coordinate WNY efforts for Invasive Species Awareness Week (ISAW) - lead 2 events, encourage Partner led events and provide support as needed	PRISM Leaders, ISCS	E&O, AL	JUL 9 - 15	Events (2), increase public awareness
	Distribute WNY PRISM Events 'Round-Up' through Listserve	Online Resources	E&O, AL	bi-weekly/ as needed	Increased public involvement in IS efforts
H. Develop measurement tools for determining success of education and outreach programs	Support and work with Partners on development of metrics for determining succes of education and outreach efforts	ISCS, WG, Partners	AL	as needed	Improved metrics developed
	Continue use of questionnaires for PRISM Workshops and update as necessary	Partners, ISCS	AL	3/31/2017	Record metrics - knowledge gains

WNY PRISM 2017 Annual Work Plan

4. Prevention					
Facilitate the prevention of new occurrence, spread and further establishment of invasive species within the WNY PRISM region through understanding of pathways of invasion and targeting of priority conservation areas. Prevention measures must address both the movement of invasive species in and out of the WNY PRISM region.					
Objective	Actions Planned	Resource or Collaboration Needs	Lead	Due Date or Frequency	Output or Outcome
A. Maintain close communication with Partners and other PRISMs to identify potential threats and to stay informed on control methods being deployed	Communicate with PRISM Leaders and NYS Invasive Species Advisory Committee on prevention issues and	PRISM Leaders, ISCS, ISAC, SC	AL	Quarterly	Improved regional and statewide coordination
	Encourage sharing of information within Partnership and statewide to provide new information as it becomes available	PRISM Mtgs, Online Resources	AL	Monthly	Increased cooperation & resource sharing
B. Sustain public awareness of invasive species threats and increase awareness of new and potential threats	Use media and online resources to disseminate information to the public on emerging threats	Online Resources, BSC	AL	ongoing	Increased regional awareness
	Include prevention issues and messaging in meetings, outreach events and trainings, provide opportunity for Partners to become involved in prevention efforts	Partners, WG, National Programs	E&O, AL	ongoing	Reduced risk of introduction & establishment
	Assist Partners with outreach efforts as requested as time and resources permit	Partners, Online Resources, Events Calendar	E&O, AL	as needed	Increased cooperation & resource sharing
C. Support State and Federal efforts to prevent the introduction and establishment of invasive species to and from WNY region	Assist Partners with implementation of prevention programming that fall in line with State and Federal programs and WNY PRISM Scope of Work, as time and resources permit	Partners, DEC, Parks, NY Sea Grant	AL	as needed	Reduced risk of introduction & establishment, increased public awareness
	Continue to provide information for the region on NYS regulations focused on spread prevention including Parts 575 & 576				Increased public awareness & involvement in prevention efforts
	Support Lake Association efforts for AIS prevention activities through technical assistance, education and assistance with acquiring funds and materials	NYSFOLA, Parks, NY Sea Grant, DEC	AL	as needed	Increased collaboration, increased effectiveness of AIS Prevention programs
	Assist Partners with coordination of boat stewardship programs, to ensure effective coverage, as time permits and requested by Partners involved	DEC, BNR, Parks	AL	as needed	Increased communication and resource sharing
	D. Prioritize Pathways of Invasion and encourage use of priority invasive species Best Management Practices, to assist with regional prevention efforts	Identify Pathways of Invasion for priority species and update website profiles to include identified pathways	WG, PRISM Leaders, Online Resources	AL, WG, E&O	9/30/2017
Identify BMP resources for those Pathways of Invasion identified as related to priority species		WG, ISCS, Online Resources, PRISM Leaders	AL, WG	9/30/2017	Increased public awareness & involvement in prevention efforts
Update information on Website Prevention page to include information on Pathways of Invasion and related BMPs		WG	AL	12/31/2017	Increased access to information

WNY PRISM 2017 Annual Work Plan

4. Prevention					
Facilitate the prevention of new occurrence, spread and further establishment of invasive species within the WNY PRISM region through understanding of pathways of invasion and targeting of priority conservation areas. Prevention measures must address both the movement of invasive species in and out of the WNY PRISM region.					
Objective	Actions Planned	Resource or Collaboration Needs	Lead	Due Date or Frequency	Output or Outcome
E. Support prevention efforts that focus on primary pathways of invasion and HPAs to prevent movement of invasive species both in and out of WNY region	Assist partners with implementation of prevention programming and education efforts as appropriate and as time and resources permit	Partners	AL, E&O	ongoing/ as needed	Increased cooperation and resource sharing
	Encourage Partners to place signs and/or species disposal structures at water access sites	Partners, DEC, Parks, BNR, NY Sea Grant	AL	as identified	Reduced risk of new introductions
F. Develop spread prevention programs and practices for priority invasive species and identified needs, and propose ways to encourage use	Continue Boot Brush Station Demonstration Project through collection and growing of seed to determine species interception and station effectiveness	Partners, GLC	CP	ongoing	Determine effectiveness of Boot Brush Station as spread prevention tool
G. Develop Landscape Alternatives program for WNY to assist with decreasing the establishment of invasive plant species	Continue distribution of NYS Plantwise Brochure	Partners	E&O	ongoing	Decreased risk of new introductions and spread
H. Prioritize areas within WNY PRISM to prevent the spread and establishment of invasive species, and establish Invasive Species Prevention Zones (ISPZ)	See INFORMATION MANAGEMENT A. II				

WNY PRISM 2017 Annual Report

5. Early Detection and Rapid Response					
Develop effective early detection assessment and rapid response protocol(s) for the WNY PRISM region including mapping procedures, volunteer training/involvement, Best Management Practices, permit regulations, and response teams, and provide assistance to partners for implementation of recommended protocols.					
Objective	Actions Planned	Resource or Collaboration Needs	Lead	Due Date or Frequency	Output or Outcome
A. Coordinate regional invasive species mapping, early detection, and monitoring of priority invasive species and areas	Encourage scouting and mapping of species identified as having data gaps, through targeted and timely use of email requests	Online Resources, iMap	AL	ongoing	Increased effectiveness of ED, assessment & RR
	Use Crew to fill-in identified data gaps as time and resources permit	iMap	CREW	9/30/2017	Increased effectiveness of ED, assessment & RR
	Communicate with Partners about new detections for early detection and watch list species, and about new occurrences of established species that are not yet widespread within the region	Online Resources, PRISM Mtgs, APHIS, DECPartners	AL	as identified	Increased collaboration and resource sharing
	Produce report on regional early detection and response efforts, based on priorities, to be included as part of Annual Report	Partners, USFWS, DEC, Parks, ISCS	AL	12/31/2017	Early Detection Report (1)
	Coordinate NYS <i>Brachypodium sylvaticum</i> (BRASYL) Working Group Mtgs	BRASYL WG, Partners	AL	TBD	Working Group Mtgs (2)
	Identify potential funding sources for BRASYL WG	BRASYL WG, RF, BSC	AL	as identified	Increased collaboration and effectiveness of ED/RR
	Facilitate the development of a work plan and/or scope of work for the BRASYL WG	BRASYL WG	AL	3/31/2017	Scope of Work (1)
	Supervise or otherwise support DEC intern(s) dedicated to <i>Brachypodium</i> surveys	FL-PRISM, DEC	AL	9/30/2017	BRASYL Surveys completed in Genesee & Tompkins Counties
	B. Develop WNY PRISM volunteer program to assist with invasive species occurrence data and monitoring of identified priority areas	Engage Citizen Scientists in early detection activities through targeted emails and promoting volunteer trainings and events	Volunteers, Partners, Online Resources	E&O	9/30/2017
Encourage monitoring of high priority conservation areas		Partners, Online Resources	E&O	9/30/2017	High conservation priority target/areas protected
C. Utilize successful (existing) early detection and rapid response frameworks	Work with Partners to enhance current efforts in early detection by providing support for Citizen Science programs and training	Parks, Boat Steward Programs, CCE Early Detectors, NPDN	E&O, AL	ongoing	Increased # of early detections and rapid response activities
	Support State and Federal early detection programs	USFWS, ISCS, PRISM Leaders	AL	as needed	Increased collaboration and resource sharing
D. Assist in the development of early detection and rapid response protocols, in addition to current successful frameworks, for addressing new populations of existing species and introductions of new species within WNY PRISM region, when necessary	Promote use of WNY PRISM Early Detection Reporting Protocol for Early Detection Priorities and Watch List species	Online Resources, Partners	AL	ongoing	Increased coordination and # of early detections
	Use Crew to assist with confirmation of reported early detections, as time and resources permit, and otherwise engage Partners and Volunteers	Partners	AL, CREW	as identified	Increased # early detections

Early Detection-Rapid Response

WNY PRISM 2017 Annual Report

5. Early Detection and Rapid Response					
Develop effective early detection assessment and rapid response protocol(s) for the WNY PRISM region including mapping procedures, volunteer training/involvement, Best Management Practices, permit regulations, and response teams, and provide assistance to partners for implementation of recommended protocols.					
Objective	Actions Planned	Resource or Collaboration Needs	Lead	Due Date or Frequency	Output or Outcome
D. Continued	Support Partners with Hemlock Woolly Adelgid survey efforts and work to identify resources in case of positive observation on non-state land	RTPI, Parks, Partners	AL	as appropriate	High conservation priority targets/areas protected, increased RR activities
	Ensure data is consistent with NYS Invasive Species Database (NYSISD) format and quality assurance/quality control requirements through adequate training of staff and volunteers	iMap, Volunteers, CREW	AL, CREW	ongoing	Increased coordination and resource sharing
E. Develop protocol for coordinating partner efforts in early detection and rapid response efforts for priority species	Develop regional rapid response protocol for 2 terrestrial priority early detection species	WG, Partners, SC	AL	12/31/2017	Increased # RR activities
F. Develop guide, for partner use, to assist with understanding regulations and navigating the NYS permitting process in relation to rapid response activities	Direct questions about specific permit needs and concerns through appropriate channels	DEC, USACE	AL	as needed	Increased # ED/RR activities
	Provide support for Partners on understanding common invasive species management permits needs and considerations	DEC, USACE	AL	as needed	Increased # ED/RR activities
	Assist with getting 2ee recommendations for early detection species to facilitate ability to provide rapid response	PRISM Leaders, DEC	AL	as identified	Improve effectiveness of management efforts
G. Analyze invasive species distribution data and prioritize High Probability Areas to monitor	SEE INFORMATION MANGEMENT A. I				
H. Identify early detection and monitoring needs and develop monitoring protocols	Continue to work with Partners to identify monitoring needs for sites that ED/RR efforts have taken place	WG, iMap, DEC, USACE, USFWS	AL	ongoing	Improved effectiveness of activities
	Review WNY PRISM ED/RR priority list and update as necessary	WG	WG	12/31/2017	Up-to-Date early detection priority list
I. Assist partners with on-the-grounds early detection, assessment, and rapid response efforts	Train Crew in invasive species identification and data collection methods and use to assist Partners with ED/RR efforts as time and resources permit	iMap, Partners	AL	9/30/2017	Increased effectiveness of ED, assessment & RR
	Engage Steering Committee to assist in determining priority projects for Crew when time and resources prohibit assisting with all requests	SC	AL	as needed	Increased effectiveness of ED, assessment & RR

WNY PRISM 2017 Annual Work Plan

6. Management and Habitat Restoration					
Assist partners with control of invasive species (eradication, containment, suppression) on high priority conservation areas based on identified regional conservation targets. Assist with the establishment of long-term management and monitoring, and the restoration of impacted sites to healthy native vegetation, to provide increased resilience against future invasions.					
Objective	Actions Planned	Resource or Collaboration Needs	Lead	Due Date or Frequency	Output or Outcome
A. Assist partners with invasive species management planning of priority invasive species management activities as necessary and appropriate	Provide assistance for development and/or review management plans, encourage the inclusion of long-term invasive species management	Partners	AL	as appropriate	Improved efficacy management
	Continue work with Erie County Environment & Planning as they develop long-term management and monitoring plans for Parks	Erie County, BNR	AL	as needed	Invasive species management identified within Erie Co. Parks Plans
B. Develop and propose to Partners a preliminary strategy for long-term management and monitoring for invasive species removal and restoration efforts	Provide written summaries of work conducted by WNY PRISM Crew to Partners including suggested next steps	Partners	AL, CREW	12/31/2017	Increased management efficacy, increased understanding of long-term management
C. Develop and promote strategy for restoration of sites where invasive species have previously been removed	Identify restoration sites and reach out to Partners about long-term management plans for project sites	Partners, WG	AL	as identified	Increased resilience against future invasion
	Provide assistance to Partners for development and/or review of site restoration plans	Partners	AL	as requested	Improved restoration and management efforts
	Support development of WNY Plant Materials - local genotype nursery or similar	Land Conservancy, Parks, BNR, PUSH	AL	as appropriate	Increased availability of local plant materials for
D. Establish and direct WNY PRISM Invasive Species Management Crew for assisting Partners with invasive species removal and restoration efforts, when available and efforts align with WNY PRISM priorities and scope of work	Release call to Partners for Crew assistance requests for invasive species removal and restoration projects	Partners, SC, Online Resources	AL	1/31/2017	Increased # projects
	Reach out to project Partners from previous years to determine need for continued Crew assistance	Partners	AL	1/31/2017	Increased # projects
	Engage Steering Committee to assist with prioritization of project requests, based on established priorities and capacity	SC	AL	2/28/2017	Prioritized list of Partner Projects
	Develop schedule for Crew, to allow for the best use of resources and time - prioritize activities to align with WNY PRISM Goals and Objectives	SP, WP, SC	AL	3/31/2017	Broader regional participation
E. Assist partners with the implementation of invasive species management and habitat restoration efforts when efforts align with WNY PRISM priorities, supported activities, and Scope of Work	Train Crew as pesticide applicator apprentices and in safe and effective use stewardship equipment	DEC, Tifft	AL	6/15/2017	Increased # projects
	Provide Crew with necessary training, equipment and PPE to assist Partners with IS management projects	RF, BSC, Partners, SC	AL	3/31/2017	Increased # projects, increased efficacy of management
	Continue work with WNY Land Conservancy Niagara Escarpment Preserve to remove invasive species from the property	WNY Land Conservancy	AL	9/30/2017	Increased # projects, increased resilience against future invasion

Management and Habitat Restoration

WNY PRISM 2017 Annual Work Plan

6. Management and Habitat Restoration					
Assist partners with control of invasive species (eradication, containment, suppression) on high priority conservation areas based on identified regional conservation targets. Assist with the establishment of long-term management and monitoring, and the restoration of impacted sites to healthy native vegetation, to provide increased resilience against future invasions.					
Objective	Actions Planned	Resource or Collaboration Needs	Lead	Due Date or Frequency	Output or Outcome
E. Continued	Work with Tiff Nature Preserve to provide herbicide training for Crew and assist with invasive species removal on site - priority areas and species based on Tiff priorities	Tiff	AL	6/30/2017	Increased # projects, increased efficacy of management
	Continue work with Erie County on removal of invasive species (Japanese Knotweed) from Seneca Bluffs and assist with restoration planning	Erie County Env. & Planning	AL	9/30/2017	Increased understanding of IS management and long-term planning
	Continue to work with Audubon Community Nature Center on invasive species management activities including water chestnut removal and comprehensive plan for property	ACNC	AL	9/30/2017	Increased # projects, efficacy of management, understanding of IS management and long-term planning
	Continue work with Bergen Swamp Preservation Society to remove invasive woody shrubs from Bergen Swamp	BSPS	AL	9/30/2017	Increased resilience against future invasion
	Ensure all necessary permits to conduct pesticide application and other stewardship activities have been obtained	Partners, DEC	AL	ongoing	Increased # projects
F. Engage private landowners, organizations, private sector business, municipalities and agencies in invasive species management activities, including planning removal and site restoration	Coordinate access to private and public lands for delivery of invasive species management activities - as requested by Partners and falls within WNY PRISM priorities and Scope of Work	Partners, Private Landowners	AL	as needed	Broader regional participation
G. Utilize volunteer program to assist with priority invasive species removal projects when available and efforts align with WNY PRISM priorities and Scope of Work	Encourage Partners to provide information on upcoming removal events and volunteer needs - place on Events Calendar and Round-up	Online Resources	E&O	ongoing	Increased coordination, 'One Stop Shop' for IS related volunteer opportunities
H. Utilize a demonstration project model for new tools and methods of invasive species control as opportunities and need present themselves, and when efforts align with WNY PRISM priorities and Scope of Work	Continue project comparing knotweed removal methods at the Great Lakes Center Field Station	GLC, BSC	AL	9/30/2017	Improved understanding of IS management methods
	Work with PUSH Buffalo to implement invasive species removal and restoration at Silo City, as part of EPA EJ Grant Project	PUSH, Tiff, Silo City, USFWS, BNR	AL	12/31/2017	Increased understanding of IS control options and restoration methods

WNY PRISM 2017 Annual Work Plan

7. Additional Program Elements					
WNY PRISM acknowledges that there are additional program elements not specifically addressed within the established goals of the WNY PRISM Strategic Plan. Additional Program Elements address these aspects of WNY PRISM's Scope of Work.					
Objective	Actions Planned	Resource or Collaboration Needs	Lead	Due Date or Frequency	Expected Output or Outcome
A. Develop Annual Work Plan	Develop 2018 Annual Work Plan	SC, WG, SP	AL, SC	11/30/2017	2018 Annual Work Plan
	Update status of 2017 Annual Work Plan with potential changes and progress, and provide to Steering Committee during meetings	2017 Annual Work Plan	AL	Quarterly	Track progress on planned actions and ensure focus
B. Develop Annual Report, Report to include: progress toward accomplishing strategic plan objectives, results of eradication and/or control efforts, description of obstacles and/or resource needs, progress on Scope of Work Elements, and summary of project expenses	Prepare and Release 2016 Annual Report	Partners, SC, 2016 WP, Online Resources	AL	1/31/2016	WNY PRISM 2016 Annual Report
	Document all WNY PRISM activities assist in development of 2017 Annual Report	CREW, WG, SC, PRISM Leaders, Partners	AL	ongoing	WNY PRISM 2017 Annual Report
	Collect information from Partners for 2017 Annual Report	Partners, SC, Online Resources	AL	12/31/2017	
	Update and/or revise Partner Annual Report submission forms/process to increase the ease of reporting and usefulness of information	SC, PRISM Leaders, Partners	AL	11/30/2017	Increase in Partner submissions for Annual Report
C. Provide DEC Invasive Species Unit with quarterly progress reports and invoices	Work with RF to submit timely quarterly reports and invoices	Research Foundation	AL, CP	Quarterly	and provide information to ISCS
D. Additional funding	Pursue appropriate funding opportunities to provide additional resources as necessary - current identified needs include staffing, equipment, truck/vehicle, and Pursue additional funding for the development of an Invasive Species Strike Team, specifically for a vehicle/truck, equipment and a full-time Team Leader - possibly Greenway	SC, RF, GLC, DEC, Partners	AL, CP	as identified	increased capacity of WNY PRISM to fill identified regional needs
		SC, Partners, RF, GLC	AL, CP	as identified	Increased capacity for invasive species removal, early detection/rapid response, and restoration
	Implement any additional grants/projects WNY PRISM may receive and incorporate into Annual Work Plans	RF, GLC, Partners	AL, CP	as needed	Increased capacity to fulfil WNY PRISM mission
	Pursue No-Cost-Extension (2018) for current DEC WNY PRISM Contract and budget modification for (2017) - using funds from before WNY PRISM was established, 2013/YEAR 1	RF, DEC, GLC	AL, CP	1/31/2017	Ensure continued funding and fill identified program needs
E. Volunteer Program	Develop WNY PRISM Volunteer Strategic Plan that includes use of existing Partner Programs	Partners	AL, E&O	6/30/2016	Volunteer Strategic Plan
	Maintain records of Volunteer activities - track activities, hours, mileage	Volunteer & Event Spreadsheets	E&O	ongoing	Spreadsheet (1) Increase leverage of volunteer efforts
F. Great Lakes Center	Provide information on WNY PRISM to Great Lakes Center for reporting	GLC	AL	as requested	GLC Annual Report, additional reports
	Attend GLC Staff Meetings - quarterly	GLC	AL	as available	improved communication