

WNY PRISM

2020 Annual Work Plan



Partnering to Protect Western New York from Invasive Species

The WNY PRISM Mission is to proactively identify, evaluate, and address invasive species priorities in western New York using a coordinated partnership of local professionals, organizations, and private citizens to improve, restore, and protect local aquatic and terrestrial resources.

Prepared By: Andrea Locke, WNY PRISM Coordinator



**Department of
Environmental
Conservation**

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

WNY PRISM Steering Committee Members

Buffalo Niagara Waterkeeper	NYS Department of Environmental Conservation
Chautauqua Watershed Conservancy	NYS Department of Transportation
NYS Nursery and Landscape Association, Inc./Chestnut Ridge Nursery	NYS Office of Parks, Recreation and Historic Preservation
Cornell Cooperative Extension of Erie County	U.S. Army Corps of Engineers - Buffalo District
Ecology & Environment, Inc	U.S. Fish and Wildlife Service - Lower Great Lakes Conservation Office
Great Lakes Center - SUNY Buffalo State	
New York Sea Grant	U.S. Department of Agriculture - Natural Resources Conservation Service

WNY PRISM Staff

AL	Andrea Locke, Coordinator
BH	Brittany Herson, Early Detection Programs
ET	Emily Thiel, Education and Outreach Programs
KK	Kristin King, Aquatic Programs
LN	Lucy Nuessle, Terrestrial Programs
CP	Dr. Christopher Pennuto, Director
E&O	Education and Outreach Assistant
Crew	Invasive Species Management Assistants
WIS	Watercraft Inspection Steward
INT	WNY PRISM Intern Program Participants

Abbreviations

BMP	Best Management Practices
CAP	Crew Assistance Program
CCE	Cornell Cooperative Extension
DEC	New York State Department of Environmental Conservation
ED	Early Detection
iMap	iMapInvasives
IS	Invasive Species
Mgt	Management
Mtg(s)	Meeting(s)
NYISRI	New York Invasive Species Research Institute
SC	Steering Committee
Website	www.wnyprism.org
WG	Working Groups
WIP	WNY PRISM Watercraft Inspection Program
WISPA	Watercraft Inspection Steward Program App

WNY PRISM Mission

The WNY PRISM Mission is to proactively identify, evaluate and address invasive species priorities in western New York using a coordinated partnership of local professionals, organizations and private citizens to improve, restore and protect local aquatic and terrestrial resources.

Strategic Plan Goals *(from WNY PRISM Strategic Plan 2019-2023)*

Partner/Network Coordination

Effectively coordinate the WNY PRISM partnership network and strengthen relationships to the benefit of all those impacted by invasive species and those involved with invasive species management.

Information Management

Establish WNY PRISM as the leading resource for invasive species management information and strategic planning. Ensure information is current, accurate, regionally appropriate and easy to access, and provide opportunities for improved data collection and partner collaboration.

Education and Outreach

Increase public and partner awareness, understanding and participation in meaningful and effective invasive species management activities.

Prevention

Prevent the introduction of invasive species to the WNY PRISM region, limit the spread of invasive species within the region and limit the movement of invasive species established in WNY PRISM to other regions.

Early Detection and Rapid Response

Develop an effective early detection program and associated protocols that provides for reporting, assessment and response efforts.

Management and Habitat Restoration

Assist with management planning and project implementation focused on long-term, sustainable projects that provide resilience against future invasions and provide improved ecosystem function and services. Supported efforts will be based on WNY PRISM identified priorities through primarily technical assistance and training, with project implementation assistance when capacity allows.

Partner/Network Coordination

GOAL: Effectively coordinate the WNY PRISM partnership network and strengthen relationships to the benefit of all those impacted by invasive species and those involved with invasive species management.

Objective	Actions Planned	Lead	Date or Frequency	Notes
A. Provide effective communication structure for the sharing of information and resources.	Clarify roles and responsibilities for WNY PRISM and partners - post definitions and criteria online.	AL, ET	Q1	
	Coordinate Steering Committee Meetings (4).	AL	Quarterly	
	Coordinate Partner Meetings (2).	ET	April/ October	
	Attend WNY Forest Pest Task Force Meetings, as available.	LN, ET, AL	Monthly	
	Maintain WNY PRISM Listserv - distribute information and provide opportunity for feedback.	ET	Ongoing	
	Re-establish Working Groups (Terrestrial, Aquatic, Education and Outreach) and hold meetings as needed/appropriate	AL, KK, ET	Q1/As Needed	
	Ensure website provides easy/intuitive access to resources.	ET	Ongoing	
B. Ensure WNY PRISM maintains ability to successfully implement the strategic plan and address established priorities.	Update seasonal job descriptions, recruit, and hire seasonal staff.	LN, KK, ET, AL	Q1	
	Develop employee handbook for seasonal staff.	ET	Q2	
	Promote Intern Program.	AL, CP	Q1/Q3	
	Provide opportunities for professional development for full-time staff.	AL	Ongoing	
	Develop 2021 Annual Work Plan	AL	Q4	
	Identify baseline metrics for tracking WNY PRISM growth and success in 2020.	AL, ET	Q1	
	Complete all required grant reporting.	AL	Ongoing	
C. Support priority projects and collaborative efforts through facilitation and increased involvement of new and established partners.	Identify potential new partners and provide informational packets ahead of fall partner meeting (15)	ET, AL	Q3	
	Establish and coordinate Water Chestnut Working Group to address surveys and removal efforts in the Southern Tier.	KK, AL	Q1/As Needed	
	Identify means of contacting recreation groups; develop contacts list and preferred timing.	BH, KK	Q2	

Partner/Network Coordination

GOAL: Effectively coordinate the WNY PRISM partnership network and strengthen relationships to the benefit of all those impacted by invasive species and those involved with invasive species management.

Objective	Actions Planned	Lead	Date or Frequency	Notes
D. Increase awareness of and promote WNY PRISM services and achievements among partners and the general public.	Produce WNY PRISM informational banner.	ET	Q1	
	Identify additional outreach and marketing materials needs aimed at increasing awareness of WNY PRISM and WNY PRISM resources.	ET, AL, WG	Q1	
	Encourage partners to provide links to WNY PRISM resources within websites and social media efforts.	ET, WG	Ongoing	
	Produce Annual Report.	AL	Q1	
	Develop language and other resources for partners promoting WNY PRISM.	AL	Q3	
E. Build regional capacity for invasive species management efforts and priority projects.	Distribute grant/funding opportunities through WNY PRISM Listserv.	ET	As needed	
	Expand grant development and writing toolkit to include updated grant opportunities document, regional management plan resources and opportunities for professional development.	AL, ET	Q2	
	Provide Letters of Support to partners for projects addressing WNY PRISM goals and priorities.	AL	As needed	
	Develop list of WNY PRISM and partner resources, supplies and equipment available for sharing within region.	ET, AL, WG	Q4	
	Identify funding to support enhancement of WNY PRISM efforts and to increase capacity for new projects.	AL	Ongoing	
F. Work with New York State Invasive Species Program partners and broader Great Lakes and Eastern United States programs on shared priorities.	Attend NYS PRISM Leader's Meetings and Monthly Webinars - facilitate meeting.	AL	Quarterly/ Monthly	
	Participate as Great Lakes Phragmites Collaborative Advisory Committee Member and provide requested input and feedback.	AL	Semi-annual/Ongoing	
	Participate in species collaboratives, as identified.	AL, KK, BH	Ongoing	
	Provide feedback and guidance for NYS regulatory updates and/or new proposals, based on regional input.	AL	Ongoing	
	Attend 2020 NYS Invasive Species Conference.	All Staff	Quarter 4	

Information Management

GOAL: Establish WNY PRISM as the leading resource for invasive species management information and strategic planning. Ensure information is current, accurate, regionally appropriate and easy to access, and provide opportunities for improved data collection and partner collaboration.

Objective	Actions Planned	Lead	Date or Frequency	Notes
A. Maintain clearly defined regional invasive species and conservation target priorities.	Develop regional tier rankings for an additional 50 species. update website (profiles and ranking document), and distribute through Listserv.	AL, WG	Q2	
	Update invasive species profiles and ranking document (website) and distribute information through Listserv.	AL, ET	Q4	
B. Identify means of improving information sharing and dissemination and implement changes across multiple platforms.	Implement identified improvements for information sharing through Listserv and social media.	ET, AL	Ongoing	
	Include distribution maps in invasive species profiles.	ET	Q1	
	Continue efforts to update website based on 2019 assessment.	ET	Ongoing	
C. Encourage use of effective data collection, management and monitoring strategies based on demonstrated Best Management Practices and lessons learned; provide training and professional development opportunities for the region.	Identify data collection protocol needs (internal and external), review and prioritize development.	AL, All	Q1	
	Develop internal protocols for data quality assurance	BH	Q1	
	Select priority data collection protocols and develop.	LN, BH	Q2	
	Hold iMapInvasives Workshop.	ET, AL	Q2	
	Identify information and formatting needs for development of regional invasive species project database, begin development.	LN, BH	Q1/ Ongoing	
D. Identify research and information needs to improve effective invasive species management efforts and collaborate with the New York Invasive Species Research Institute to address them.	Encourage partners to provide information and research needs to WNY PRISM and to participate in NYISRI requests.	AL	Ongoing	
	Coordinate with NYISRI to provide requested input and feedback, in the format provided by NYISRI.	AL	Q4	
E. Support and promote use of iMapInvasives as the primary database for invasive species management information and species presence and distribution data sharing.	Hold annual iMap and invasive species identification workshop.	ET, AL	Q2	
	Provide all WNY PRISM survey data to iMap, confirm data within calendar year.	LN, BH	Ongoing	
	Identify data gaps (minimum 3) and address through use of Crew, additional staff, outreach and/or volunteers.	LN, ET	Q1/Q2/Q3	

Education and Outreach

GOAL: Increase public and partner awareness, understanding, and participation in meaningful and effective invasive species management activities.

Objective	Actions Planned	Lead	Date or Frequency	Notes
A. Provide educational programming that is science-based and encourages improved management actions through use of behavior change strategies.	Develop and implement Rails-to-Trails volunteer mapping and removal program in partnership with Town of Tonawanda.	ET, AL	Q1, Q2	
	Develop experiential learning program that includes behavior change strategies for WNY area Girl and Boy Scouts.	ET	Q4	
	Include behavior change strategies in WNY PRISM outreach, presentations and workshops.	All	Ongoing	
B. Provide resources and programming to address invasive species management training needs.	Assess previous WNY PRISM held trainings and workshops, identify lessons learned and incorporate into future workshop planning.	ET	Q1	
	Develop annual training program for Master Gardeners/Tipline Volunteers, provide training.	ET, AL, CCE	Q2	
	Hold Aquatic Invasive Species Workshop.	KK, ET, AL	Q3	
	Hold Terrestrial Invasive Species Workshop.	ET, AL	Q3	
	Update WNY Educational Programming Document - internal.	ET, E&O	Q3	
C. Ensure availability of education and outreach materials to meet prioritized regional needs.	For each of WNY's major colleges and universities, identify professors that teach invasives species as part of coursework.	ET	Q1	
	Develop invasive species lesson plans and/or materials for colleges and universities and reach out to identified professors.	CP, ET	Q3	
	Hold Education and Outreach Working Group Meetings.	ET	Quarterly	
	Assess WNY PRISM Lending Library, identify needs and/or improvements and develop plan for implementation.	ET, E&O	Q2/Q3	
D. Provide for community engagement and learning opportunities through outreach, use of social media and volunteerism.	Attend outreach events, at least 1 in each WNY PRISM County and including 8 Farmers' Markets.	ET, E&O	Ongoing	
	Work with partners to assist with event planning and provide presentations for partner events, as appropriate. Minimum 10 presentations in support of partner efforts.	AL, ET	Ongoing	
	Track number of volunteers trained and hours contributed toward WNY PRISM efforts.	ET, All	Ongoing	
	Produce annual social media assessment/report.	ET	Q4	

Education and Outreach

GOAL: Increase public and partner awareness, understanding, and participation in meaningful and effective invasive species management activities.

Objective	Actions Planned	Lead	Date or Frequency	Notes
D. <i>Continued</i>	Assess WNY PRISM outreach display and materials, update as needed.	ET, E&O	Q2	
	Maintain WNY Invasive Species Events Calendar and promote use among partners.	ET	Ongoing	
E. Maintain WNY PRISM website as an effective outreach tool and information portal.	Develop project page for Crew Assistance Program.	LN, ET	Q1	
	Review and post draft invasive species profiles.	AL	Q1	
	Update invasive species profiles to include relevant pathways of invasion.	AL	Q2	
	Develop schedule for News/Blog Post for website and identify responsible staff - release posts.	ET, E&O	Q1/ Ongoing	
	Ensure continued functionality of website (links, forms).	ET	Ongoing	
F. Develop Citizen/Community Science based programs to assist with data collection for early detection and project monitoring, and maintenance of removal efforts.	Develop trail mapping program including outreach, training materials and data collection resources.	ET	Q4	
	Develop site monitoring program to assist partners with post-treatment monitoring and management.	ET	Q4	
	Incorporate existing early detection citizen science programs into WNY PRISM education and outreach efforts.	ET	Q1/ Ongoing	
G. Collaborate with statewide partners on unified education and outreach efforts and integrate WNY PRISM educational programming with partner programming to ensure consistent invasive species messaging across the state and region.	Coordinate regional efforts for NY ISAW (June 7-13) and attend planning meetings.	ET	Quarterly	
	Participate in DEC led Invasive Species Education and Outreach Committee and associated workgroups.	ET	Ongoing	
	Integrate messaging and program materials from national and statewide campaigns (i.e. Play, Clean, Go) into WNY PRISM efforts.	ET	Ongoing	
H. Develop measures of success, encourage partners to use and to collect necessary data and documentation to demonstrate effectiveness of educational programming.	Update Workshop/Training survey and provide for network use.	ET, WG	Q2	
	Work with statewide partners to develop metrics to measure effectiveness of behavior change efforts.	ET, AL	Ongoing.	
	Identify methods of measuring engagement across partner organizations.	ET, WG	Q4	

Prevention

GOAL: Prevent the introduction of invasive species to the WNY PRISM region, limit the spread of invasive species within the region and limit the movement of invasive species established in WNY PRISM to other regions.

Objective	Actions Planned	Lead	Date or Frequency	Notes
A. Maintain communication with partners on emerging issues and ensure key stakeholders are informed on species and issues relevant to their work.	Hold annual stakeholder meeting on emerging issues and provide information for seasonal/field staff.	AL, SC	Q2	
	Develop resources to be provided to field staff, to assist with understanding emerging issues and annual priorities.	AL, LN	Q4	
B. Support and implement spread prevention efforts that focus on the identification and disruption of primary pathways of invasion associated with invasive species priorities.	Coordinate WNY PRISM Boot Brush Station Program - provide Boot Brush Stations (6) to partners.	ET, WG	Q1/Q2	
	Develop spread prevention language for contractors/contracts.	AL, SC	Q3	
	Include spread prevention messaging in education and outreach efforts.	AL, ET	Ongoing	
C. Develop protocols and resources that encourage adoption of spread prevention Best Management Practices and habits within the public and private sectors.	Develop spread prevention protocols for WNY PRISM Crew and additional staff.	LN, BH	Q1	
	Prioritize and begin development of spread prevention resources based on target audiences/user groups (i.e. contractors, municipalities).	BH, ET, AL	Q2	
	Develop Pathways of Invasion Best Management Practices Guide.	AL, BH	Q3	
D. Maintain regional watchlist for approaching region species priorities and increase regional awareness and understanding of potential and emerging threats.	Maintain Approaching Region/Watchlist and communicate any changes to partners.	AL, SC, WG	Ongoing	
	Ensure invasive species profiles are developed for species added to watchlist and posted within 2 weeks of update.	AL, ET	Ongoing	
E. Expand upon the use of new technologies and methods to assist with the identification of priority sites and species targets for prevention efforts and associated surveys and monitoring.	Expand use of habitat suitability modeling as opportunity presents.	BH, INT	Ongoing	

Prevention

GOAL: Prevent the introduction of invasive species to the WNY PRISM region, limit the spread of invasive species within the region and limit the movement of invasive species established in WNY PRISM to other regions.

Objective	Actions Planned	Lead	Date or Frequency	Notes
F. Successfully coordinate the WNY PRISM Watercraft Inspection Program.	Prioritize and select boat launches - determine staffing requirements for individual launches.	KK	Q1	
	Communicate with boat launch partners, provide information as requested and ensure positive working relationship.	KK	Ongoing	
	Coordinate training for WNY PRISM boat stewards and provide for partners interested in attending.	KK	Q2	
	Collect data using DEC approved data collection tool (WISPA).	KK, WIS	Q2/Q3	
	Review data, ensure accuracy of data.	KK, LS	Q2/Q3/Q4	
	Review 2020 WIP and develop recommendations for 2021	KK, AL, DEC	Q4	
	Ensure adequate supplies and functional equipment are available for WIS	KK	Ongoing	

Early Detection and Rapid Response

GOAL: Develop an effective early detection program and associated protocols that provides for reporting, assessment and response efforts.

Objective	Actions Planned	Lead	Date or Frequency	Notes
A. Coordinate early detection reporting, surveys, mapping, site assessments and communication among partners; encourage use of standardized protocols.	Finalize early detection site assessment protocol and instructions.	BH, LN	Q1	
	Release and promote use of site assessment protocol.	AL, All	Q2	
	Promote use of WNY PRISM early detection reporting protocol.	AL, All	Ongoing	
	Communicate early detection reports and expansion of established species to partners.	AL, ET	Ongoing	
	Assist with confirmation of reported early detections as capacity allows - engage partners and volunteers.	LN, ET, All	Ongoing	
	Hold Hemlock Woolly Adelgid Survey Training and Survey at Chestnut Ridge Park, in partnership with CCE - Erie County, WNY Forest Pest Task Force and NY Hemlock Initiative.	ET	Q1	
	Coordinate WNY PRISM efforts with statewide programs (i.e. NY Hemlock Initiative, Spotted Lanternfly)	AL, ET	Ongoing	
B. Develop a framework for regional response to new invasive species and infestations.	Develop regional rapid response protocol (flow chart/ decision tree) to serve as framework for response activities.	AL, BH	Q3	
	Continue to facilitate Great Lakes Slender False Brome Working Group.	BH	Ongoing	
	Continue to facilitate Mile-a-Minute Working Group.	AL, BH	Ongoing	
C. Maintain early detection and approaching region (watchlist) priority species lists.	Provide priority ranking for each new species confirmed and assess for inclusion on early detection priority list - update list as needed.	AL, WG, SC	Ongoing	
	Conduct annual assessment of priority lists and update as needed.	AL, WG, SC, All	Q4	
	Ensure partners are familiar with established priorities - communicate changes to lists and provide resources for identification and management.	AL, ET	Ongoing	

Early Detection and Rapid Response

GOAL: Develop an effective early detection program and associated protocols that provides for reporting, assessment and response efforts.

Objective	Actions Planned	Lead	Date or Frequency	Notes
D. Maintain early detection site monitoring list and conduct site monitoring based on established protocols and in collaboration with identified partners.	Update internal data organization system for early detection site monitoring, to better track increasing amount of data.	BH, LN	Q1	
	Update early detection site monitoring list and identify entity responsible for each site.	LN, BH	Q1	
	Complete site monitoring for all active sites identified for WNY PRISM, update site monitoring protocol.	LN, Crew	Q2/Q3	
	Assess areas surrounding new and existing early detection sites, and prioritize areas to survey based on likelihood of spread.	LN	Q2/Q3	
E. Ensure availability of species information and Best Management Practices for early detection priority species.	Update and/or develop invasive species profiles for early detection species.	ET, E&O, AL	As Needed	
	Develop Best Management Fact Sheets for early detection species (2)	ET, E&O, All	Q4	
	Provide updates on emerging issues and to provide resources for training seasonal staff on priorities.	AL	Q2	
F. Assist with early detection management and response efforts; provide technical assistance and provide project implementation assistance as appropriate and as capacity allows.	Ensure WNY PRISM staff are properly trained to identify early detection priority species and to use data collection protocols - assist partners with early detection efforts as capacity allows.	AL, All	Ongoing	
	Prioritize early detection/rapid response efforts and assist partners with removal efforts as capacity allows - ensure flexibility in Crew schedule to allow for rapid response.	AL, LN	Ongoing	
	Assist with development of response plans on a site specific level.	AL, LN	As Needed	
	Continue to implement Japanese Stiltgrass Program - communicate progress to partners and plan removal activities.	LN, BH, AL	Ongoing	
	Assist with mile-a-minute removal efforts as requested and capacity allows.	LN, Crew	Q3	

Management and Habitat Restoration

GOAL: Assist with management planning and project implementation focused on long-term, sustainable projects that provide resilience against future invasions and provide improved ecosystem function and services. Supported efforts will be based on WNY PRISM identified priorities through primarily technical assistance and training, with project implementation assistance when capacity allows.

Objective	Actions Planned	Lead	Date or Frequency	Notes
A. Provide partners with management plan development assistance and training.	Provide assistance for development and/or review of management plans, encourage inclusion of long-term planning.	AL	Ongoing	
	Develop resources for management plan development assistance - checklist for common errors.	AL	Q3	
	Hold workshop for prioritization and management plan development.	AL, ET	Q4	
B. Provide Best Management Practices for invasive species removal, site management and restoration; include guidance for improving resiliency against the reestablishment of invasive species.	Prioritize species and management groups for BMP and technical guide development.	AL, LN, ET	Q1	
	Develop Best Management Practices fact sheets for identified species and/or management groups (3).	AL, ET, Crew	Q2/Q3	
	Develop Technical Guide for identified species (1).	LN, AL	Q3	
	Begin development of native plant/restoration guidelines - identify needs and prioritize.	AL, WG	Q4	
C. Provide opportunities for professional development including opportunities for information sharing, sharing knowledge and expertise, and discussions of lessons learned.	Identify needs and opportunities for professional development.	AL, WG, SC, All	Q1/Q2	
	Hold WNY PRISM Adaptive Management/Lesson Learned Symposium.	ET, AL	Q4	
	Provide for opportunity to work with WNY PRISM Crew to gain experience implementing invasive species removal.	LN, AL	Q2/Q3	
D. Coordinate Crew Assistance Program based on clearly defined criteria for project selection and prioritization.	Review CAP proposals for consistency with WNY PRISM criteria, provide proposals to Steering Committee for review.	LN, AL	Q1	
	Review, rank and select CAP proposals for inclusion on 2020 schedule.	SC, AL, LN	Q1	
	Secure necessary permissions and MOU's for selected CAP projects and develop work schedule.	LN, AL	Q2	
	Provide Crew with necessary training and equipment to assist with removal efforts, including pesticide training.	LN	Q2	
	Implement CAP projects.	LN, Crew	Q2/Q3	

Management and Habitat Restoration

GOAL: Assist with management planning and project implementation focused on long-term, sustainable projects that provide resilience against future invasions and provide improved ecosystem function and services. Supported efforts will be based on WNY PRISM identified priorities through primarily technical assistance and training, with project implementation assistance when capacity allows.

Objective	Actions Planned	Lead	Date or Frequency	Notes
D. <i>Continued</i>	Collect data from CAP projects, organize and produce annual report.	LN, Crew	Q2/Q3/Q4	
	Provide work summaries to partners for CAP projects within 1 month of project completion.	LN, Crew	Q2/Q3/Q4	
	Assess 2020 CAP program including criteria, make appropriate updates and develop 2021 CAP program for release on December 1, 2021.	LN	Q3/Q4	
E. Implement projects to help determine effectiveness of new tools, technology and methods of invasive species control as opportunity and need arise.	Identify opportunities to demonstrate the use of drones, develop protocol for use (1) and implement demonstration project (1).	BH, LN	Q2/Q3/Q4	
	Identify opportunities to test use of non-chemical and non-soil disrupting methods of species removal.	AL	Ongoing	
F. Assist with invasive species removal efforts in accordance with set priorities and habitat restoration efforts through support for development and improved availability of native plant materials.	Provide continued support for ongoing management and habitat restoration projects, as previously identified.	LN, Crew	Ongoing	
	Ensure all necessary regulatory permits to conduct WNY PRISM stewardship activities have been obtained.	LN, AL, BH, KK	Ongoing	
	Support partner efforts to identify and develop new sources of native plant materials.	AL	Ongoing	
	Facilitate Water Chestnut Working Group Meetings.	KK, AL	Quarterly	
	Identify projects in need of follow-up in 2021, determine mgt. needs and further determine responsible partner based on WNY PRISM and partner capacity and previously agreed upon terms, if relevant.	LN, AL	Q4	
G. Establish pre-treatment data collection and post-treatment monitoring protocols to allow for improved analysis of management efficacy and further development of BMPs for successful projects.	Develop data collection protocols for the collection of pre-treatment and treatment data.	LN, BH	Q3	
	Develop data collection protocols for the collection of post-treatment/monitoring data.	LN, BH	Q3	
	Provide protocols to partners and promote use.	AL	Q4	