

Adirondack Park Invasive Plant Program

Partnership for Regional Invasive Species Management (APIPP PRISM)

2020 Annual Work Plan



APIPP is one of eight PRISMs across New York State (NYS). APIPP was founded by the Adirondack Chapter of The Nature Conservancy, NYS Department of Environmental Conservation, NYS Department of Transportation, and NYS Adirondack Park Agency (APA). More than 30 cooperating organizations and hundreds of volunteers support APIPP in its mission.



The APIPP 2020 Workplan aligns with the goals described in APIPP's [Five-year Strategic Plan](#) and outlines specific actions APIPP staff will take in 2020 to advance the plan's goals and objectives. APIPP would like to thank our dedicated partners for their support and assistance in achieving our shared mission of reducing the impact of invasive species on the economy and ecology of the Adirondack Park. Please review the list of [partners](#) on our website.

Funding for APIPP PRISM's 2020 activities is provided by the Environmental Protection Fund administered through the New York State Department of Environmental Conservation.

APIPP Strategic Plan Goals	
A.	Coordination
B.	Pathway/Predictive Analysis
C.	Spread Prevention & Vector Management
D.	Enforcement & Legislation
E.	Education & Outreach
F.	Early Detection, Rapid Response, & Monitoring
G.	Control & Management
H.	Information Management
I.	Restoration
J.	Research
K.	Climate Change Adaptation
L.	Resource Development & Funding

APIPP PRISM Staff	
EBD	Emily-Bell Dinan, Education and Communications Coordinator
EVV	Erin Vennie-Vollrath, Aquatic Invasive Species Coordinator
TVR	Tammara Van Ryn, Program Manager
ZS	Zack Simek, Conservation and GIS Analyst
TISPC	Terrestrial Invasive Species Project Coordinator (vacant)
SS	Seasonal Invasive Species Management Steward (vacant)
TIS - EDRR	Terrestrial Invasive Species Early Detection and Rapid Response Team
AIS - EDRR	Aquatic Invasive Species Early Detection and Rapid Response Team

NOTE: The APIPP 2020 workplan, finalized March 27, 2020, is subject to changes required to meet government and organizational COVID19 policies.

A. Coordination			
Objectives: A1. Coordinate Plan Implementation at the PRISM Level and Coordinate with Invasive Species Efforts at the State and Northeastern Regional Levels; A2. Communicate PRISM Activities and News			
	Strategies	2020 Workplan	Lead
	Coordinate Adirondack PRISM's partner meetings and topic-specific committees	Update PRISM strategic plan; review Bylaws, Operational Guidance, and Formal Partnership Agreements to align with plan Host two in-person partner meetings	TVR
	Represent APIPP at state ISC and ISAC meetings	Attend or send designee to ISC and ISAC meetings	TVR
	Coordinate with the New York Invasive Species Research Institute (NYISRI)	Coordinate with NYISRI as needed	ALL
	Participate in and/or facilitate quarterly PRISM leader meetings and monthly webinars	Actively engage and participate in PRISM meetings	TVR
	Coordinate with the Regional Invasive Species & Climate Change Collaborative	Learn more about and engage with collaborative as time permits	TVR
	Coordinate/facilitate TNC North America's Invasive Plant Mobile Monitoring System steering committee	Coordinate committee	ZS
	Participate in TNC North America's Invasive Species Learning Network	Assist with committee coordination	EBD
	Participate in the NYS Invasive Species Database's (iMapInvasives) user feedback meetings	Actively engage with iMap team	ALL
	Support and advance state and partner invasive species efforts	Serve on the board of the Adirondack Lakes Alliance; serve on the NYS DEC forest pest remote sensing steering committee; participate in NYS Invasive Species Awareness Week planning	EVV; ZS; EBD

Goal B. Pathways and Predictive Analysis Objectives: B1. Conduct Pathway Analysis (complete); B2. Assess Underlying Causes of Invasion to Freshwater and Terrestrial Systems and Work to Address These Underlying Issues			
Strategies	2020 Workplan	Lead	
Focus awareness building on primary pathways	Address key pathways during education programs: motorized boaters, aquarium dumping, bait, firewood and live woody plant transport, contaminated fill, intentional plantings, and terrestrial recreation	EBD	
Complete a PRSIM-wide, waterbody-specific vulnerability assessment in contract year five	Gather CiBioBase data on all or a portion of up to 40 lakes	EVV	
Develop IS Prevention Zones	Revise zones with IPMDAT if there are new species	ALL	
Develop citizen-science lake mapping project	Expand number of lakes using Lake Management Tracker	EVV	
Develop citizen-science deer monitoring project	Establish plots on up to four properties	ZS	
Develop citizen-science jumping worm monitoring project	Hold one workshop, aim to collect 50 observations	EBD /TISPC	

Goal C. Spread Prevention and Vector Management Objectives: C1. Implement Spread Prevention Programs and Encourage Practices to Intercept Invasive Species within the PRISM; C2. Prioritize Areas in the PRISM to Prevent the Spread of Invasive Species			
Strategies	2020 Workplan	Lead	
Support Adirondack Watershed Institute (AWI) AIS efforts	Maintain regular communication with AWI	EVV	
Conduct seasonal stewardship activities at campgrounds and other facilitates	Hire and deploy seasonal steward	SS	
Encourage preventative management at DOT and municipal facilities	Continue work at state and town facilities and expand work with towns as feasible	TISPC/EDRR	
Advance opportunities for certified clean fill, promote use of invasive-free suppliers	Research partnership opportunities and develop plan for remainder of contract period	TISPC	
Install boot brush stations at priority trailheads	Develop appropriate signage with TNC and NYS DEC; pilot at three TNC trailheads	EBD/TVR	

Goal D. Enforcement & Legislation Objectives: D1. Raise Public Awareness of Existing Laws Controlling the Transport; D2. Improve Enforcement of Invasive Species Laws and Regulations of Invasive Species; D3. Identify Needs for New Legislation		
Strategies	2020 Workplan	Lead
Provide technical support to NYS DEC as well as NYS's ISC and ISAC with respect to maintaining and strengthening NYS's invasive species regulations and enforcement capabilities	Engage as needed, including discussions regarding Part 575	TVR

Goal E. Education & Outreach Objectives: E1. Develop an Awareness and Education Program in the PRISM; E2. Coordinate, Implement, and Evaluate Comprehensive Educational Programs for Multiple Audiences; E3. Produce and Deliver Adirondack PRISM Invasive Species Information and Materials; E4. Support Statewide Education and Outreach Initiatives		
Strategies	2020 Workplan	Lead
Conduct trainings on terrestrial invasives	Two general trainings, at least one HWA training, two DOT trainings	EBD/ZS
Conduct trainings on aquatic invasives	Three AIS ID workshops, one backcountry water monitor training, two Lake Management Tracker trainings	EBD/EVW
Conduct general trainings	Hold up to 10 (such as iMap, volunteer opportunities, and spread pathway audiences); engage audiences at campgrounds and trailheads; engage new business partners as opportunities permit	EBD/SS
Participate in NYS Invasive Species Awareness Week	Hold at least one Adirondack event, support statewide efforts	EBD
Develop promotional material	Revise former "KISO" materials, incorporate new logo into materials	TVR/EBD
Maintain website and engage audiences via social media	Launch updated website; expand use of social media	EBD/ZS
Expand volunteer opportunities	Build new volunteer opportunities, (particularly as related to iMap and jumping worm), and improve volunteer reporting	EED/ALL

Goal F. Early Detection, Rapid Response, and Monitoring

Objectives F1. Maintain Priority Species List; F2. Identify Monitoring Needs; F3. Coordinate Regional Early Detection Monitoring of Invasive Species; F4. Analyze Invasive Species Distribution Data and Prioritize Areas to Monitor; F5: Promote Long-term Monitoring of Management and Restoration Activities; F6. Develop and Coordinate Rapid Response Protocol for Addressing New Populations of Existing Species and of New Species in the Adirondack PRISM; F7. Facilitate the Development of Community Response Preparedness Plans; F8. Expand the APIPP Volunteer Program and Increase Participation

Goal G. Control and Management

Objectives: G1. Prioritize and Select Management Goals; G2. Streamline Regulatory Procedures for Management; G3. Provide Guidance on Best Management Practices and Projects; G4. Continue or Accelerate Existing Control and Other Management Programs; G5. Engage Private Landowners, Organizations and Industry to Assist in Management

Strategies	2020 Workplan	Lead
Conduct terrestrial surveillance monitoring	Hire EDRR team for up to 15 weeks	TIS-EDRR/TISPC
Conduct terrestrial outcome monitoring	Hire EDRR team for up to 15 weeks	TIS-EDRR/TISPC
Conduct aquatic surveillance monitoring	Hire EDRR team for 12 weeks; coordinate with backcountry water monitoring program	AIS-EDRR/EVV
Conduct aquatic outcome monitoring	Hire EDRR team for 12 weeks	AIS-EDRR/EVV
Manage priority terrestrial infestations	Target 70% of priority private land infestations and secure 2021 permits for state land infestations; expand suppression at highway department facilities	TISPC
Manage priority aquatic infestations	Identify priority NYS DEC boat launches to target for management; complete pilot as funds permit	EVV
Continue Lake Management Tracker citizen science outcome monitoring project	Enroll up to four more lakes	EVV
Expand biological controls as appropriate	Continue to pursue purple loosestrife control; add swallowwort control if available	TISPC
Ensure alignment of PRISM data with iMap	Build the crosswalk for terrestrial and aquatic data entry; ensure regular data uploads	ZS

Goal H. Information Management Objectives: H1. Maintain Current Regional Invasive Species Distribution Database; H2. Increase Opportunities for Sharing Invasive Species Information throughout the Adirondack PRISM and Beyond			
Strategies	2020 Workplan	Lead	
Increase quality of data analytics and visualizations	Publish iMap webmaps and other graphics on website	ZS/EBD	
Information translated into scientific papers, public information displays, and technical reports	Draft outline of paper for 2021 publication	ZS	
Increase effectiveness of remote sensing initiatives	Continue efforts with common reed grass and add HWA as appropriate	ZS	

Goal I. Restoration Objectives: I1. Implement Restoration of Impacted Ecosystems			
Strategies	2020 Workplan	Lead	
Conduct native species reestablishment monitoring on 5-year cycle	Develop plan and RFQ for 2021 season	TISPC/ZS	
Work with private landowners and highway departments to harvest and store native seeds	Develop plan (including species focus and specific goals and measurable outcomes) and identify partners for 2021; secure any needed equipment in 2020	TISPC	

Goal J. Research Objectives: J1. Identify Priority Research Projects in the PRISM; J2. Collaborate with Schools, Colleges, and Universities to Meet Research Needs			
Strategies	2020 Workplan	Lead	
Compile research on utility of UAVs for terrestrial detection	Purchase new drone and continue to gather data; publish best management practices for UAV surveys by year end	ZS	
Review protocol for quantifying acres under improved management as a result of IS management	Work with NYISRI	ZS	

Goal K. Climate Change Adaptation & Mitigation
Objectives: K1. Evaluate How Climate Change May Further Expand or Reduce Invasive Species in the Adirondack PRISM; K2. Communicate with Communities and Resource Managers about Steps to Take to Prepare for / Respond to Invasive Species in a Changing Climate

Strategies	2020 Workplan	Lead
Use TNC Resilient and Connected Lands and Waters mapping as additional prioritization filter for education, prevention, detection and management	Prioritize invasive species management sites using TNC resilience data	TVR, ZS, EVV
Work with NYISRI to develop an evidence-based evaluation protocol to track resiliency related outcome metrics in PRISM annual reports	Engage with efforts coordinated by Cornell	TVR, ZS

Goal L. Resource Development and Funding
Objectives: L1. Identify Funding Need, Develop Fundraising Plan, and Seek Funding; L2. Identify Opportunities to Cost Share Projects; L3. Assess the Economic Impact of Invasive Species on the Adirondack PRISM to Help Leverage Support for Funding the Implementation of the Plan

Strategies	2020 Workplan	Lead
Hire and train new staff identified in 2019-2024 NYS DEC contract	Onboard new PRISM manager; effectively transition ZS to new information management role; hire and onboard new education and communications coordinator; hire and onboard new terrestrial invasive species project coordinator; hire and onboard 2020 seasonal steward	TVR
Pursue additional funds to advance objectives	Investigate continued Google support and pursue other grants such as EPA support for water quality testing	TVR
Better incorporate fundraising materials into events	Incorporate into new educational programming	EBD