

2022 Michigan Invasive Species Grant Program - Projects Receiving Funding

Project Title	Project Description	Applicant Name	Applicant Organization	Location	Grant Amount
Addressing Northern Edge and Source Populations of HWA in Michigan	There are two objectives to this project: Addressing source populations of hemlock woolly adelgid (HWA) in west Michigan and addressing the northern edge of HWA infestation in collaboration with Mason-Lake Conservation District.	Megan Boos	Ottawa Conservation District	Mason, Oceana counties	\$ 399,800
Addressing the northern front of the Hemlock Woolly Adelgid infestation in West Michigan	This project will expand and build upon the ongoing early detection response and treatment efforts on the northern front of the Hemlock Woolly Adelgid infestation in West Michigan using Mason-Lake Conservation District's recently established HWA treatment program, in tandem with CISMA partners.	Dani McGarry	Mason-Lake Conservation District	Mason, Manistee, Benzie, Leelanau, Grand Traverse, Kalkaska, Antrim, Charlevoix, Emmet counties	\$ 391,800
MISIN – Bridging the gap and closing the loop on invasive species data in Michigan	The Midwest Invasive Species Information Network (MISIN) is dedicated to finding highly effective ways to maintain engagement among researchers, land management agencies, regional communities and governments and private landowners in support of the detection and management of invasive species.	Amos Ziegler	Michigan State University	Statewide	\$ 210,600
Timing Oak Wilt in the North - Modeling Vectors and Host Phenology with Risk of Spread	Building on collaborative efforts in Michigan and Canada, this project will evaluate timing between host phenology, vectors, and climate to better understand potential behavior of oak wilt north of its current range and refine risk prediction of expansion and prevention guidelines in Michigan.	Tara Bal	Michigan Technological University	Houghton, Iron, Marquette, Mackinac counties	\$ 159,100
A multi-CISMA response to Himalayan Balsam in Michigan's Upper Peninsula	The UP RC&D Council will utilize the partnerships of two UP CISMAs to expand EDRR efforts for Michigan Watch List species, Himalayan Balsam, through targeted outreach, survey, and management on public and private lands throughout 7 Michigan Counties.	Nick Cassel	Upper Peninsula Resource Conservation and Development Council	Chippewa, Mackinac, Luce, Alger, Schoolcraft, Delta, Marquette counties	\$ 194,200
Response to mile-a-minute weed in Calhoun County	This project will expand the Barry, Calhoun, Kalamazoo (BCK) CISMA mile-a-minute weed outreach, survey, and treatment efforts in Calhoun County. This project is critical to limit the spread of this species to other parts of the state.	Sarah Nelson	Barry Conservation District	Calhoun County	\$ 69,000
Southeast Michigan Red Swamp Crayfish Early Detection Collaborative	Clinton River Watershed Council and Friends of the Rouge, in partnership with the Michigan Department of Natural Resources, will develop and implement an early detection survey targeting the Red Swamp Crayfish (<i>Procambarus clarkii</i>). Methods will consist of crayfish trapping and other survey methods.	Eric Diesing	Clinton River Watershed Council	Oakland County	\$ 53,400
Early Detection of Spotted Lanternfly in Oakland and Macomb Counties	In August 2022, spotted lanternfly was found in Pontiac, MI. Within a 20-mile range are 4 Metroparks—Kensington, Indian Springs, Stony Creek, Wolcott Mill—covering over 14,000 acres that include high-quality natural areas. Funds will be used to survey the 4 parks for spotted lanternfly over 3 years.	Tyler Mitchell	Huron-Clinton Metropolitan Authority	Oakland, Macomb counties	\$ 30,000

An Evaluation of Michigan's Collaborative Governance Model for Invasive Species	State wildlife agencies are increasingly relying on collaborative governance to address complex natural resource problems like invasive species. This study will evaluate Michigan's model of collaborative governance of invasive species which centers on the efforts of the state's CISMAs.	Daniel Kramer	Michigan State University	Statewide	\$ 244,200
Extending the reach of MI Paddle Stewards through collaborative partnerships	MI Paddle Stewards is a statewide program for early detection and reporting focused on MI Watch List Species. The program reduces the spread of Aquatic Invasive Species (AIS) by paddlers through on-line learning and in-person workshops. Partner organizations will be trained to host public events.	Mary Bohling	Michigan State University	Statewide	\$ 94,500
Pokagon Band Early Detection/Rapid Response Planning for Watch List Species	The Pokagon Band will survey for multiple watch list species, do outreach and education for tribal recreational groups, and develop internal response planning exercises for targeted species (Asian long horned beetle, beech bark and beech leaf disease, spotted lanternfly, and hemlock woolly adelgid).	Anne Dueweke	Pokagon Band of Potawatomi Indians	Cass, Berrien counties	\$ 71,000
New Zealand Mudsnaills and Didymo: Practical decontamination protocols for wading anglers	We will compare the effectiveness of two different chemical decontaminants at causing mortality to New Zealand mudsnails and Didymo on the gear of recreational anglers, such as waders and wading boots.	Scott Tieg	Oakland University	Grand Traverse, Kalkaska, Oakland counties	\$ 34,800
Southeast MI Clean Boats Clean Waters Initiative	Create a collaborative outreach campaign in Southeast Michigan promoting the inspection and disinfection of boating equipment preventing the spread of aquatic invasive species (AIS). This project aims to expand the footprint of decontamination events and state approved AIS messaging.	Brittany Santure	Monroe Conservation District	Monroe County	\$ 41,600
Experimentally advancing our scientific understanding of Rock Snot, Didymosphenia geminata	The proposed research will build on existing MISGP funded research to refine techniques developed for early detection of Didymosphenia geminata using eDNA and to expand experimental testing of environmental variables controlling Didymo stalk production (i.e., blooms) in Michigan waters.	Ashley Moerke	Lake Superior State University	Chippewa, Grand Traverse, Kalkaska counties	\$ 62,600
Recruiting and Empowering Stewards in the HCISN	The Huron Coastal Invasive Species Network will continue to lead communities in strategic, coordinated invasive species management. We hope to improve the capacity and efficiency of the ISN by focusing efforts on hands-on volunteer workdays and workshops to develop stewards for our service area.	Amber Hubbard	Huron Pines	Cheboygan, Presque Isle, Alpena, Alcona, Iosco counties	\$ 60,000
Huron Heartland ISN - Creating Invasive Species Leaders	The Huron Heartland Invasive Species Network will continue to provide technical support, surveys, and treatments throughout our service area. We will focus our outreach efforts to build an informed, engaged network of community members to ensure healthy ecosystems across Northern Michigan.	Shelby Bauer	Huron Pines	Ogemaw, Roscommon, Oscoda, Crawford, Otsego, Montmorency counties	\$ 69,700
Invasive Species Management Coordination for Partners of Monroe and Wayne County	The Detroit River-Western Lake Erie (DR-WLE) CWMA will build coordination between partners with ownership or adjacent to priority coastal wetlands along the Detroit River and W. Lake Erie in Wayne and Monroe counties through a dedicated, full-time coordinator managing outreach and a strike team leader dedicated to IS surveys.	Jessica Fletcher	International Wildlife Refuge Alliance	Monroe, Wayne counties	\$ 60,000

Saginaw Bay Cooperative Invasive Species Management Area	Saginaw Bay Cooperative Invasive Species Management Area (SB-CISMA) projects to strengthen and implement a strategy for survey, prevention, treatment, and management of invasive species within Arenac, Bay, Huron, Saginaw, Sanilac, and Tuscola counties.	Stephanie Hoyle	Arenac Conservation District	Arenac, Bay, Huron, Tuscola, Saginaw, Sanilac counties	\$ 60,000
SWxSW Corner CISMA Core 2023-2024	The SWxSW Corner CISMA works to aid homeowners, land managers, and visitors to better understand invasive species and how to stop their spread. This funding would allow the CISMA to continue this imperative work in helping the public recognize, manage, and better grasp the realities of invasives.	Alex Florian	Van Buren Conservation District	Berrien, Cass, Van Buren counties	\$ 91,400
Three Shores CISMA 2023 Core Funding	The "Three Shores CISMA 2023 Core Funding" will carry out the objectives of the Three Shores CISMA Strategic Plan by providing a network of invasive species leadership, expertise, professional management, and outreach to Michigan's Eastern Upper Peninsula.	Michael Hindy	Chippewa Luce Mackinac Conservation District	Chippewa, Luce, Mackinac counties	\$ 94,900
CAKE CISMA Core Funding	The Charlevoix, Antrim, Kalkaska and Emmet Cooperative Invasive Species Management Area (CAKE CISMA) services a four county region in Northern Lower Michigan by providing education, outreach and control measures related to priority invasive species that pose a threat to the region.	Lindsey Bona-Eggeman	Antrim Conservation District	Charlevoix, Antrim, Kalkaska, Emmet counties	\$ 71,500
Central Michigan CISMA Core Funding	The CM CISMA works to provide invasive species assistance to partner organizations, along with other private and public landowners. Implementation of the strategic plan is done through education and outreach opportunities, support in invasive species ID, BMP, surveying of priority locations/species.	Matthew Lindauer	Chippewa Nature Center	Clare, Gladwin, Gratiot, Isabella, Midland counties	\$ 66,100
BCK CISMA Core Funding	This project will ensure the continued functioning of the Barry, Calhoun, Kalamazoo (BCK) CISMA, including essential staffing and the highest-priority education, outreach, and coordination actions.	Sarah Nelson	Barry Conservation District	Barry, Calhoun, Kalamazoo counties	\$ 70,400
Support for Essential Functions of L2L CISMA	This funding will support the internal and essential functions of Lake To Lake (L2L) CISMA including coordinator support, outreach and education, and essential survey and treatment efforts.	Elise Desjarlais	Marquette County Conservation District	Alger, Delta, Marquette, Schoolcraft counties	\$ 81,800
Improving Organizational Engagement through Strategic Collaboration and Partnership	Through direct partnerships, strategic collaboration, and creative outreach, the Wild Rivers Invasive Species Coalition (WRISC) intends to increase active engagement with the CISMA & the services offered, while maintaining consistent operation of key invasive species programs.	Lindsay Peterson	Dickinson Conservation District	Dickinson, Menominee counties	\$ 91,700
Maintaining KISMA Core Capacity for Invasive Species Outreach and Management	The Keweenaw Invasive Species Management Area (KISMA) is expanding services with multi-source funding that will provide opportunities for terrestrial and aquatic invasive species outreach, surveying, treatment, and monitoring across Baraga, Houghton, and Keweenaw Counties.	Sigrid Resh	Michigan Technological University	Baraga, Houghton, Keweenaw counties	\$ 60,000

Coordination of the Lake St. Clair CISMA	This project allows the CISMA coordinator to implement goals of the LSC CISMA as described in its Invasive Species Strategic Management Plan. Goals will be implemented through education and outreach, early detection and response, outside funding, and CISMA organizational structure.	Chris Bunch	Six Rivers Land Conservancy	Macomb, St. Clair counties	\$ 96,100
Keeping the Northwest Michigan Invasive Species Network Sustained	Northwest Michigan ISN continues to serve landowners, partners, and the common good through invasive species management and outreach. Through this project, essential staffing and core activities will stay strong and high-priority survey and treatment efforts across our service will continue.	Audrey Menninga	Grand Traverse Conservation District	Benzie, Grand Traverse, Leelanau, Manistee counties	\$ 75,500
Invasive Species Outreach and Management within the JLW CISMA Region	Early detection and rapid response to invasive species and outreach are current priorities of the Jackson, Lenawee, Washtenaw (JLW) CISMA . We will continue to survey for European frog-bit, red swamp crayfish, Japanese stiltgrass, swallow-wort, mile-a-minute weed, and assist partners and residents via outreach and educational efforts.	Shikha Singh	Jackson County Conservation District	Jackson, Lenawee, Washtenaw counties	\$ 80,400
GILLS CISMA Development and Community Outreach	This project will support the coordinator to further the establishment of the Genesee, Lapeer, Livingston, Shiawassee (GILLS) CISMA. By providing outreach, education, special events, technical support, and surveying, the GILLS CISMA will continue to increase awareness, gather partners, optimize outreach, and improve overall function.	Jessica Ableson	Genesee Conservation District	Genesee, Lapeer, Livingston, Shiawassee counties	\$ 60,000
West Michigan CISMA Core Funding	This project will allow the West Michigan CISMA to continue its work addressing priority invasive species within the region. This funding will allow for the West Michigan CISMA Coordinator to continue to be successful and move the CISMA forward.	Natalie Bekins	Ottawa Conservation District	Allegan, Kent, Montcalm, Muskegon, Newaygo, Oceana, Ottawa counties	\$ 82,600
North Country CISMA - Strategic Plan Implementation and Management	With this project the North Country CISMA will further work toward goals in their Strategic Plan. This includes ongoing outreach toward invasive species (IS) prevention, and being a hub for advice on IS management, as well as pursuing and managing additional funding for survey, control, and public engagement.	Vicki Sawicki	Mecosta Conservation District	Lake, Mason, Mecosta, Missaukee, Osceola, Wexford counties	\$ 79,000
SMIST CISMA Core Funding	The Southern Michigan Invasive Species Team (SMIST) CISMA will expand upon the previous years of education efforts and partnership building, while providing additional technical services through outreach programs and onsite visits.	Shaun Grace	St. Joseph County Conservation District	St. Joseph, Branch, Hillsdale counties	\$ 65,300
WePIC: Sustaining Capacity and Retaining Core Competency	Ensuring the continuity, stability, and growth of invasive species education, prevention, and control services to the public within the Western Peninsula Invasives Coalition (WePIC) service area.	Jennifer Ricker-Feak	Iron Baraga Conservation District	Iron, Gogebic, Ontonagon counties	\$ 67,000
Mid-Michigan CISMA Outreach, Prevention and Management Project	This project will maintain the structure and function of the Mid-Michigan CISMA including a Coordinator and Strike Team. The target species are Black swallow-wort, Japanese knotweed and invasive Phragmites.	Jaime Rominger	Ingham Conservation District	Clinton, Eaton, Ingham, Ionia counties	\$ 60,000
Total					\$ 3,600,000