

2020 Michigan Invasive Species Grant Program - Projects Receiving Funding

Project Title	Project Description	Applicant Name	Applicant Organization	Project Counties	Grant Amount
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 stewardship process through the detection and management of invasive species.	Amos Ziegler	Michigan State University	Statewide	\$ 231,900
Invading classrooms: promoting awareness and preventing spread of invasive species	The "Invading Classrooms" project will support approximately 600 high school students to develop awareness and prevent the spread of aquatic invasive species in their communities. After studying the ecology and distribution of European frog-bit and other invasive species, students will initiate stewardship projects in their communities to stop invasive species transfer between waterways.	Elizabeth Christiansen	Lake Superior State University	Chippewa County, Munuscong Bay, St. Marys River, MiSTEM regions (northern lower, UP)	\$ 182,500
Partnerships for Protection: Limiting the Spread of Aquatic Invasive Species in Northern Michigan	Tip of the Mitt Watershed Council, in partnership with local lake associations, CAKE CISMA, USFS, EGLE, and others, will implement a mobile boat washing program in Northern Michigan to both prevent the spread of aquatic invasive species and educate boaters of the importance of Clean, Drain, Dry, and Dispose.	Jennifer Buchanan	Tip of the Mitt Watershed Council	Emmet, Charlevoix, Antrim, Cheboygan, Otsego, Kalkaska, Grand Traverse, Iosco, Oscoda Counties	\$ 72,900
Management of Hemlock Woolly Adelgid in West Michigan	This project will allow for the continued survey and treatment of HWA in West Michigan. This project will follow up on work that was completed with two previous MISGP projects and is critical for the success of the protection of hemlock trees in Michigan.	Megan Boos	Ottawa Conservation District	Oceana, Mason Counties	\$ 299,200
Upper Peninsula European frog-bit detection initiative	The UP RC&D Council will utilize the partnerships of all five UP CISMAs to enhance existing management and strategically expand detection surveys for European frog-bit across all 15 Counties of the Upper Peninsula. Surveys will occur on public and private lands along Great Lakes shorelines, coastal wetlands, inland lakes, and other high risk sites.	Nick Cassel	Upper Peninsula Resource Conservation and Development Council	UP coverage areas of WRISC, KISMA, WePIC, L2L, Three Shores CISMAs	\$ 239,100
Expanding capacity for hemlock woolly adelgid management in West Michigan	This project will expand survey and treatment capacity of Hemlock Woolly Adelgid efforts in West Michigan to curb the northward expansion of this invasive forest pest. Collaborations across geographic boundaries and CISMAs will result in increased treatment action and containment efforts for newly located infestations within Mason County and beyond.	Dani McGarry	Mason-Lake Conservation District	Mason, Oceana Counties	\$ 360,100
Central UP knotweed risk analysis and treatment prioritization and comparison	Lake to Lake Cooperative Invasive Species Management Area and Keweenaw Invasive Species Management Area will use GIS-based risk assessment and other measures of ecological impact to prioritize treatment of knotweed species, monitor and assess integrated knotweed treatment methods, and create targeted and transferrable outreach materials for long-term knotweed management.	Teri Grout	Alger Conservation District	Houghton, Keweenaw, Baraga, Delta, Marquette, Schoolcraft Counties	\$ 207,800

Project Title	Project Description	Applicant Name	Applicant Organization	Project Counties	Grant Amount
Beech bark disease and beech leaf disease; distribution, impacts and management consequences	MSU will re-visit 62 sites established in 2003, quantify beech bark disease impacts on overstory trees and regeneration, and assess presence of beech leaf disease symptoms. Recently invaded sites will be similarly evaluated. Molecular analysis of foliage samples will provide information on distribution of the invasive nematode associated with BLD.	Deborah McCullough	Michigan State University	Multiple (20+ Counties)	\$ 334,900
Learning to manage blooms of rock snot, an ecologically disruptive diatom, in Michigan waters	The proposed project will provide an enhanced understanding of the current spread and future risk of <i>Didymosphenia geminata</i> in northern Michigan waters, as well as experimentally investigate potential environmental triggers of didymo blooms that may be used to implement effective control strategies.	Ashley Moerke	Lake Superior State University	Chippewa, Luce, Mackinac Counties	\$ 293,500
Maintaining core functions of Lake to Lake CISMA	This project will maintain the internal core functions of the Lake to Lake CISMA including funding a full-time CISMA coordinator, administration costs, and necessary budgeted items in order to maintain the full capacity of the CISMA.	Heather Gustafson	Marquette Conservation District	Alger, Delta, Marquette, Schoolcraft Counties	\$ 60,000
West Michigan CISMA core funding	The West Michigan CISMA is excited for the opportunity to continue the work that is taking place within the region for high priority invasive species. This project will allow for the West Michigan CISMA Coordinator to be successful and continue to move the CISMA forward.	Megan Boos	Ottawa Conservation District	Allegan, Kent, Montcalm, Muskegon, Newaygo, Oceana, and Ottawa Counties	\$ 60,000
BCK CISMA core plus red swamp crayfish and mile-a-minute weed management	This project will ensure the continued functioning of the BCK CISMA, including essential staffing and the highest-priority education, outreach, and coordination actions. Additionally, this project will continue red swamp crayfish efforts at Sunset Lake and begin survey and management efforts for mile-a-minute weed that has recently been found in Albion.	Fallon Januska	Barry Conservation District	Barry, Calhoun, Kalamazoo Counties	\$ 77,700
Winning the battle against invasives - protecting people and places	Enable NCCISMA to continue base operations, protecting a fairly pristine section of the state from the onslaught of invasives that have dramatically, and negatively, altered the landscape in so many other parts of Michigan. NCCISMA does this by performing on the ground work, and coaching partners on stopping the spread.	Vicki Sawicki	Mecosta Conservation District	Lake, Mason, Mecosta, Missaukee, Osceola, Wexford Counties	\$100,000
SMIST CISMA core funding	This project will allow the continued work of the SMIST CISMA efforts in three counties. SMIST will continue outreach education, mapping, control and treatment of our priority species and continue to grow partnerships and sustainability of the CISMA.	Carolyn Grace	St. Joseph Conservation District	St. Joseph, Branch, Hillsdale Counties	\$ 62,600
CAKE CISMA core function	Retaining a well-qualified program coordinator is the foremost need to continue implementation of the CAKE CISMA strategic plan. Maintaining and building upon the framework established by the CAKE CISMA is crucial to continuing invasive species outreach, education and management in Northern Michigan.	Kirk Acharya	Antrim Conservation District	Charlevoix, Antrim, Kalkaska, Emmet Counties	\$100,000
Oakland County CISMA coordination and management 2021	This project will support a full-time Coordinator to manage early detection and response, lead invasive species outreach and education, coordinate invasive species control, provide training for CISMA partners and participate in broad initiatives. We will continue pre- and post-treatment monitoring to track treatment effectiveness. We will revise our strategic plan and release it in 2022, incorporating management goals and CISMA Steering Committee and Partner roles.	Erica Clites	Six Rivers Land Conservancy	Oakland County	\$ 60,000

Project Title	Project Description	Applicant Name	Applicant Organization	Project Counties	Grant Amount
Saginaw Bay CISMA core funding	This project will support the CISMA Coordinator who will expand projects, continue outreach using new innovative ways to reach the general public and partners, and continue leveraging other funding. The Coordinator will work with the steering team, continue partner building, and assist with treatment programs through out the SB-CISMA area.	Dawn Hergott	Arenac Conservation District	Arenac, Bay, Huron, Tuscola, Saginaw, Sanilac Counties	\$ 60,000
Three Shores CISMA 2020 core functions initiative	This project will provide essential staffing to carry out CISMA operations to meet the objectives of the Three Shores CISMA Strategic Plan. Activities include providing invasive species expertise, leadership, and awareness to the Eastern Upper Peninsula of Michigan.	Mike McCarthy	Chippewa Luce Mackinac Conservation District	Chippewa, Luce, Mackinac Counties	\$ 42,100
WePIC: seeds of the future are grown in the core	WePIC seeks to continue operational capacity as we adapt to meet the challenges of assisting those who live, work, and play within our service area as we adapt to our changing times. The Co-Coordiators and support staff will continue to detect, prevent, eradicate and control invasives as we implement the goals of our strategic plan.	Jennifer Ann Ricker-Feak	Iron Baraga Conservation District	Iron, Gogebic, Ontonagon Counties	\$ 60,000
Huron Heartland - A cooperative approach to forest health	The Huron Heartland Invasive Species Network will develop a cooperative approach to forest health through partner engagement and detailed aquatic and terrestrial inventories, and will operationalize the recently updated strategic plan.	Shelby Bauer	Huron Pines	Ogemaw, Roscommon, Oscoda, Crawford, Otsego, Montmorency Counties	\$ 70,100
Increasing Mid-Michigan CISMA's capacity to provide invasive species outreach, prevention, monitoring and management	The Mid-Michigan CISMA will increase invasive species management capacity with a strike team that will address terrestrial and aquatic priority species including Michigan Watch List species European frogbit. Monitoring, education, signage and training will increase awareness and reduce the spread of invasive species in mid-Michigan.	Michelle Beloskur	Ingham Conservation District	Clinton, Eaton, Ingham, Ionia Counties	\$ 60,000
Managing priority invasives in coastal wetlands and adjacent habitats of Monroe and Wayne counties	DRWLE CWMA will continue to protect and rehabilitate coastal wetlands and adjacent habitats including state imperiled wet mesic forest and wet prairie along the Detroit River and Western Lake Erie through rigorous early detection and rapid response surveys and prioritized treatment of aquatic and terrestrial invasive plant species.	Joann Van Aken	International Wildlife Refuge Alliance	Monroe, Wayne Counties	\$ 60,000
Empowering communities in invasive species management	The Northwest Michigan Invasive Species Network (ISN) continues to protect, enhance, and promote the region's natural communities and the humans they support. Through this project, ISN will serve our community, providing a collaborative, central hub of science-based information, technical assistance, and on-the-ground management focused on invasive species.	Katie Grzesiak	Grand Traverse Conservation District	Benzie, Grand Traverse, Leelanau, Manistee Counties	\$ 90,500
Coordination of the Lake St. Clair CISMA	This project allows a 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. Survey and Treatment funding will allow for efficient implementation of goals.	McKenzi Waliczek	Six Rivers Land Conservancy	Macomb, St. Clair Counties	\$100,000

Project Title	Project Description	Applicant Name	Applicant Organization	Project Counties	Grant Amount
Central Michigan CISMA core funding and boat launch surveying	The Central Michigan 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, technical support regarding invasive species identification and best management practices, and surveying high priority locations.	Megan Garrett	Chippewa Nature Center	Clare, Gladwin, Gratiot, Isabella, Midland Counties	\$ 54,000
Invasive species management and outreach within the Jackson, Lenawee and Washtenaw region	Early detection and rapid response to watch list species and outreach are the focus of JLW CISMA priorities. We will continue to survey for European frog-bit, red swamp crayfish and other watch list species, and provide assistance with species identification, management, and offer training seminars.	Shikha Singh	Jackson Conservation District	Jackson, Lenawee, Washtenaw Counties	\$ 76,200
Huron Coastal Invasive Species Network- Expanding efforts along the Lake Huron coast	The Huron Coastal ISN will focus on improving and protecting high priority coastal ecosystems and will coordinate with other organization to address invasive species concern along the Northern Lake Huron shoreline.	Steve Woods	Huron Pines	Cheboygan, Presque Isle, Alpena, Alcona, Iosco Counties	\$ 60,000
SWxSW Corner CISMA continues to serve	The SWxSW Corner CISMA works to aid homeowners, land managers, and visitors in developing a better understanding of 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.	Eleanor Serocki	Van Buren Conservation District	Berrien, Cass, Van Buren Counties	\$ 64,900
GiLLS CISMA development and community outreach	This project will further the establishment of the GiLLS CISMA. By providing outreach and educational opportunities as well as technical support and surveying, the GiLLS CISMA will continue to increase awareness, gather partners, refine outreach methods, and improve on its abilities to best serve the area via implementation of the GiLLS CISMA strategic plan.	Angela Warren	Genesee Conservation District	Genesee, Lapeer, Livingston, Shiawassee Counties	\$ 60,000