

2017 Michigan Invasive Species Grant Program - Projects Receiving Funding (23)

| Project Title | Brief Project Description | Applicant Name | Applicant Organization | Project Counties | Grant Amount |
|--|--|-------------------|--------------------------------------|---|--------------|
| Focus Area 1: Prevention, detection and control activities by Cooperative Invasive Species Management Areas | | | | | |
| Keeping North Country CISMA Viable | This grant will provide base funding for the North Country CISMA Program Coordinator and keep well-established outreach programs operating. Since its inception in May of 2014, NCCISMA has established itself as the hub of invasive species management within the six county region served. | Vicki Sawicki | Mecosta Conservation District | Lake, Mason, Osceola, Missaukee, Wexford, Mecosta | \$60,000 |
| CAKE CISMA Core Functions | This grant for core function funding will be used to retain the CAKE CISMA Coordinator and allow the CISMA to effectively meet the goals and objectives specified in its strategic plan. | Thomas Clement | Antrim CD | Charlevoix, Kalkaska, Antrim, Emmet | \$60,000 |
| Base Functions for the Northwest Invasive Species Network | Through this proposal, the Northwest Michigan Invasive Species Network will receive continued funding for its core functions, allowing one of Michigan's foremost CISMAs to advance its crucial work as a mentor for others as well as continuing its mission to protect, enhance, and promote northwest Michigan's natural communities through invasive species management and outreach. | Katie Grzesiak | Grand Traverse Conservation District | Benzie, Grand Traverse, Leelanau, Manistee | \$60,000 |
| CUPCWMA Core Functions Campaign | This project will provide staffing to enable CUPCWMA to provide core CISMA functions such as rapid response to new detections of high priority and watch list species, strategic management of existing key species, and prevention via education and outreach to general and targeted audiences across the four-county region. | Teri Grout | Alger Conservation District | Alger, Marquette, Schoolcraft, Delta | \$59,300 |
| Maintaining Core Functions of the Mid-Michigan Cooperative Invasive Species Management Area | This project will support a Mid-Michigan CISMA Regional Coordinator to maintain partner and collaborator engagement in the prevention, early detection, rapid treatment and management of invasive species, with a focus on priority species; black swallow-wort, Japanese knotweed and non-native Phragmites. The Coordinator will also organize public outreach efforts, plan aquatic invasive species awareness events and promote statewide and national invasive species campaigns. | Michelle Beloskur | Ingham Conservation District | Eaton, Clinton, Ingham, Ionia | \$60,000 |
| Oakland County CISMA Coordination and Management | The Oakland County CISMA will employ a full time coordinator to implement core elements of its strategic plan, including management of cooperative treatments, facilitating communication among partners, leading outreach efforts, and facilitating early detection and response. | Lisa Brush | The Stewardship Network | Oakland | \$60,000 |
| Continuing Core Funding for the SWxSW Corner CISMA | The SWxSW Corner CISMA is a functioning collaboration in Berrien, Cass, and Van Buren counties to provide invasive species outreach, education, monitoring, and mapping in the Southwestern area of the state. The CISMA will continue to strengthen partnerships with landowners, and managers, both private and public, on invasive species issues. | Eleanor Serocki | Van Buren Conservation District | Berrien, Cass, Van Buren | \$60,000 |
| Saginaw Bay Cooperative Invasive Species Management Area (CISMA) Core Functions | This project will support the core functions of the Saginaw Bay CISMA. To accomplish the SB-CISMA's goal of creating and supporting collaborative invasive species management within the Saginaw Bay Watershed, the SB-CISMA will employ a full-time coordinator and develop materials to continue education and outreach regarding priority species. | Tom Lenon | Chippewa Nature Center | Arenac, Bay, Clare, Genesee, Gladwin, Gratiot, Huron, Iosco, Isabella, Lapeer, Livingston, Midland, Saginaw, Sanilac, Shiawassee, Tuscola | \$60,000 |

| Project Title | Brief Project Description | Applicant Name | Applicant Organization | Project Counties | Grant Amount |
|--|---|------------------|---|--|--------------|
| Lake St. Clair CISMA Coordination and Management | The Lake St. Clair CISMA Coordinator will maintain and improve the existing framework that currently prevents, detects, and controls invasive species throughout the service area through the implementation of the strategic management plan. | Lisa Brush | The Stewardship Network | Macomb, St. Clair | \$60,000 |
| BCK CISMA – Support of Core Operations | This project will support the core functions of the Barry, Calhoun, and Kalamazoo Cooperative Invasive Species Management Area (BCK CISMA), including maintenance and implementation of outreach programs and invasive species management activities. | Sarah Reding | Kalamazoo Nature Center | Barry, Calhoun, Kalamazoo | \$56,000 |
| Implementing the Oakland County CISMA Strategic Invasive Species Management Plan | The Oakland County CISMA will implement strategic plan components, including targeted outreach, early detection/rapid response planning, standardized monitoring protocols, filling knowledge gaps regarding invasive species distributions and coordinating priority treatments. | Lisa Brush | The Stewardship Network | Oakland | \$100,000 |
| Strike Team Formation to Combat High Priority Invasives | This project will allow the North Country CISMA to form a strike team to initiate control of watch list and priority invasive species. Strike team members will be stationed out of two of our participating conservation districts, enabling full strike team coverage of the six counties of the North Country CISMA. | Vicki Sawicki | Mason-Lake Conservation District | Lake, Mason, Osceola, Missaukee, Wexford, Mecosta | \$135,000 |
| Jackson, Lenawee, & Washtenaw Cooperative Invasive Species Management Area (JLW CISMA) | This project will establish a Cooperative Invasive Species Management Area (CISMA) encompassing Jackson, Lenawee, and Washtenaw counties. The CISMA will facilitate new partnerships for preventing, detecting, controlling, and eradicating priority invasive species in the local region. | Lori Fitzgibbons | Jackson County Conservation District | Jackson, Lenawee, Washtenaw | \$150,000 |
| Formation of the Southern Michigan Invasive Species Team (SMIT) | The Southern Michigan Invasive Species Team CISMA geographically represents Branch, Hillsdale and St. Joseph Counties. Utilizing partner collaboration throughout the regions, we will develop a strategic plan that will provide awareness and education, prevention, mapping and control, early detection, rapid response, of terrestrial and aquatic invasive species. | Carolyn M. Grace | St. Joseph County Conservation District | Branch, Hillsdale, St. Joseph | \$149,700 |
| Focus Area 2: Advancing aquatic invasive plant control in Michigan waters | | | | | |
| Identifying high-risk hybrid Eurasian watermilfoil genotypes to improve control | This project addresses how best to manage genetically diverse Eurasian and hybrid watermilfoil in light of recent discoveries showing that genotypes differ in herbicide sensitivity properties. We use genetic data to identify high-risk genotypes and test their responses to several potential herbicides to facilitate adaptive management decision making and outcomes. | Ryan Thum | Montana State University | Michigan Lakes - statewide | \$371,300 |
| Statewide risk assessment and adaptive management of European frogbit | This project will strategically advance the science and practice of European frogbit (EFB) control in Michigan by: 1) scientifically evaluating novel EFB control activities; 2) applying successful treatments to EFB-invaded wetlands; 3) using UAV-collected imagery to remotely detect EFB in targeted regions and; 4) creating statewide EFB invasion risk maps. | Shane Lishawa | Loyola University Chicago | Chippewa, Alpena, Kent, Iosco, Bay, Tuscola, Huron | \$386,100 |

| Project Title | Brief Project Description | Applicant Name | Applicant Organization | Project Counties | Grant Amount |
|---|--|----------------|------------------------------|--|--------------|
| Focus Area 3: Detection and surveillance for terrestrial invasive species | | | | | |
| Multi-CISMA Eastern Lake Michigan Hemlock Woolly Adelgid Survey | To improve understanding of the distribution and abundance of the high priority terrestrial invasive species hemlock woolly adelgid, this project will implement survey efforts throughout the coastal and near-shore areas of Eastern Lake Michigan to facilitate further threat assessment, prioritization, and control efforts and ultimately improve landscape-scale conservation outcomes. | Shaun Howard | The Nature Conservancy | Emmet, Charlevoix, Antrim, Grand Traverse, Leelanau, Benzie, Manistee, Mason, Van Buren, | \$363,000 |
| Surveying and Mapping the Distribution of Hemlock Woolly Adelgid within Infested Counties | This project will survey and map hemlock woolly adelgid in West Michigan to provide data for state management decisions. | Drew Rayner | Ottawa Conservation District | Allegan, Ottawa, Muskegon, Oceana | \$200,000 |
| Focus Area 4: Reducing the risk of spreading invasive species through firewood transport | | | | | |
| Firewood Safety Education and Outreach in Michigan | Firewood movement is identified as one of the primary pathways for introduction and expansion of invasive insects. This project will conduct outreach and education for firewood producers, retailers, residential firewood consumers and citizens in general, with the ultimate goals of increasing the number of informed producers and consumers, increasing the supply and the use of USDA certified heat treated firewood and reducing the movement of untreated firewood, ultimately reducing risk associated with the firewood pathway. | Pascal Nzokou | Michigan State University | Statewide | \$188,300 |
| Focus Area 5: Prevention of invasive species introduction and spread through recreation | | | | | |
| Invasive Species Paddling Detection, Reporting and Public Awareness Program | This project will create a statewide AIS program for paddlers on Michigan's water trails. Through the program we will create program materials, train volunteers on a minimum of 12 water trails, develop and install interpretive signs, and promote the continued implementation of the program into the future through the water trail addendum and involvement of our project partners. | Mary Bohling | Michigan State University | Statewide | \$200,000 |
| Focus Area 6: Other projects of demonstrated urgent need | | | | | |
| Evaluating Management Actions to Control Invasive Grass Carp in Lake Erie | We propose to evaluate sampling design and gear efficacy for the control of grass carp in Lake Erie. We will use an experimental adaptive management approach, building off of an ongoing structured decision making process for grass carp, to reduce key uncertainties related to management actions for grass carp control. | Kelly Robinson | Michigan State University | Michigan Lake Erie | \$250,400 |
| Treating Hemlock Woolly Adelgid in West Michigan | This project will treat hemlock woolly adelgid in infested areas on public and private lands in West Michigan. Treatments will be prioritized north to south with the goal of containment. | Drew Rayner | Ottawa Conservation District | Allegan, Ottawa, Muskegon, Oceana | \$299,400 |
| MISIN – Bridging the gap and closing the loop on invasive species data in Michigan | The Midwest Invasive Species Information Network (MISIN) is a regional data aggregation effort to develop and provide an online early detection and rapid response (EDRR) resource assisting both experts and citizen scientists in the detection and identification of invasive species. Data collected supports the development and implementation of effective control strategies in the region. | Amos Ziegler | Michigan State University | Statewide | \$211,500 |