

Strategic Plan

Mission Statement

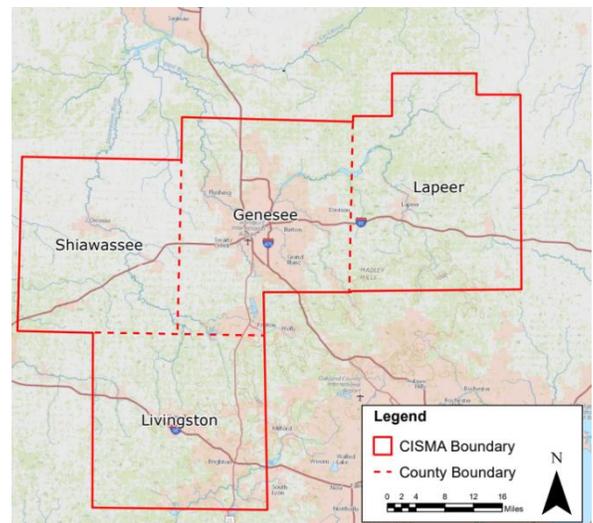
The GiLLS Cooperative Invasive Species Management Area (CISMA) protects natural resources, the economy, and human health through collaborative outreach, education, and technical assistance of invasive species.

Geographic Scope

The geographic scope of the GiLLS CISMA is defined as the four-county area of Genesee, Lapeer, Livingston, and Shiawassee counties in mid-Michigan's Lower Peninsula.

Strategic Scope

The GiLLS CISMA is being formed to more localize invasive species management concerns after having downsized from the SB-CISMA. Our overarching plan is to establish the foundation and framework that will enable our four-county service area to manage invasive species in the most efficient and effective manner. This plan emphasizes the importance of education; early detection and elimination of invasive species found on the GiLLS CISMA priority list. We will engage with our partners and the public on how to identify and report invasive species. They will assist us in many aspects of invasive species management including reporting, surveying, and volunteering. This plan will be a working document and updated as necessary.



Roles and Responsibilities

Coordinator – The coordinator is supervised by the fiduciary and is guided by the strategic plan.

Fiduciary – The fiduciary is responsible for grant management and financial reporting.

Leadership Team – The leadership team is comprised of a representative from Genesee, Lapeer, Livingston, and Shiawassee Counties. It safe-guards GiLLS CISMA's structure, development, and succession. They are not responsible for day to day decisions.



Partner – Partners are agencies/individuals/businesses within the service area interested in collaborating for the control of invasive species. They are not responsible for day to day decisions. Partners gave input on the strategic plan by helping to determine priority species, priority sites to manage or maintain, the functions of the CISMA, and how they currently work on invasive species.

Outcome Strategies

We will use the following strategies to achieve the desired outcomes expressed in our strategic scope.

Strategy 1: Promote the GiLLS CISMA

- 1.1 Develop outreach and education materials for the GiLLS CISMA partners
- 1.2 Utilize materials already available
- 1.3 Develop social media campaign
- 1.4 Develop web page material
- 1.5 Support partner capacity by leveraging their events to reach broader audiences

Strategy 2: Gather and organize partners

- 2.1 Leverage opportunities to expand the understanding of CISMAs, the role of the GiLLS CISMA, and the work being done
- 2.2 Encourage partner organizations to assist in the promotion of the GiLLS CISMA through their own events/outreach or through multi-partner opportunities
- 2.3 Define the roles and responsibilities of partner organizations
- 2.4 Work to keep partners engaged and supportive of the CISMA

Strategy 3: Educate and inform the public

- 3.1 Design and deliver a series of palavers
- 3.2 Leverage partner trainings, events, and field trips to engage with the community
- 3.3 Implement the social media campaign
- 3.4 Implement web material for use on partner websites
- 3.5 Develop species specific education materials

Strategy 4: Review, evaluate, and adapt the plan

- 4.1 Conduct a yearly review of the plan including milestones and achievements
- 4.2 Revise this plan as needed to reflect lessons learned
- 4.3 Position the CISMA to facilitate a 3 year plan

GiLLS CISMA Invasive Species Priority List

Common Name	Scientific Name	Habitat
Tier 1/EDRR		
Brazilian Elodea	<i>Egeria densa</i>	Aquatic
Chinese yam	<i>Dioscorea oppositifolia</i>	Aquatic
European frog-bit	<i>Hydrocharis morsus-ranae</i>	Aquatic
Giant hogweed*	<i>Heracleum mantegazzianum</i>	Terrestrial
Hydrilla	<i>Hydrilla verticillate</i>	Aquatic
Japanese stiltgrass	<i>Microstegium vimineum</i>	Terrestrial
Kudzu	<i>Pueraria montana var. lobate</i>	Terrestrial
Lyme grass	<i>Leymus arinareus</i>	Terrestrial
Mile-a-minute weed	<i>Persicaria perfoliate</i>	Terrestrial
Parrot feather	<i>Myriophyllum aquaticum</i>	Aquatic
Red Swamp Crayfish	<i>Procambus clarkia</i>	Aquatic
Spotted Lanterfly	<i>Lycorma delicatula</i>	Insect
Water Hyacinth	<i>Eichhornia crassipes</i>	Aquatic
Water lettuce	<i>Pistia stratiotes</i>	Aquatic
Yellow Floating Heart	<i>Nymphoides peltata</i>	Aquatic
Tier 2/Priority Species		
Flowering rush*	<i>Butomus umbellatus</i>	Aquatic
Invasive swallow-wort*	<i>Cynanchum spp.</i>	Terrestrial
Knotweeds*	<i>Fallopia spp.</i>	Terrestrial
Oak wilt		Terrestrial
Phragmites*	<i>Phragmites australis</i>	Aquatic
Starry stonewort*	<i>Nitellops obtuse</i>	Aquatic
Tier 3		
Autumn olive*	<i>Elaeagnus spp.</i>	Terrestrial
Curly pondweed*	<i>Potamogeton crispus</i>	Aquatic
Eurasian watermilfoil*	<i>Myriophyllum spicatum</i>	Aquatic
Garlic mustard*	<i>Alliaria petiolaria</i>	Terrestrial
Japanese barberry*	<i>Berberis thunbergii</i>	Terrestrial
Japanese honeysuckle*	<i>Lonicera japonica</i>	Terrestrial
Invasive buckthorns*	<i>Rhamnus spp.</i>	Terrestrial
Watercress*	<i>Nasturtium officinale</i>	Aquatic
Tier 4		
Bittersweet nightshade*	<i>Solanum dulcamara</i>	Terrestrial
Bull thistle*	<i>Cirsium vulgare</i>	Terrestrial
Canada thistle*	<i>Cirsium arvense</i>	Terrestrial
Cow vetch*	<i>Vicia cracca</i>	Terrestrial
Dame's rocket*	<i>Hesperis matronalis</i>	Terrestrial
Multiflora rose*	<i>Rosa multiflora</i>	Terrestrial
Purple loosestrife*	<i>Lythrum salicarium</i>	Aquatic
Scots pine*	<i>Pinus sylvestris</i>	Terrestrial
Spotted knapweed*	<i>Centaurea stoebe</i>	Terrestrial

*Denotes the species is present in the GiLLS service area.



Tier Justification

Tier 1: Early Detection and Rapid Response Species. These species either have not been observed in GiLLS CISMA geographic region, or their observation has been limited to a few isolated occurrences.

Tier 2: These species are located in the GiLLS CISMA. They are a priority for our partners and are difficult for the general landowner to treat.

Tier 3: These species are located in the GiLLS CISMA. They are more of an education priority, because the general landowner is better able to treat them on their own.

Tier 4: These species are located in the GiLLS CISMA.

Currently GiLLS CISMA does not have funding for any treatment. However, when funding is available, these tiers can easily be categorized for a cost share program.

Priority Locations

- 1) Multi-ecosystems; 2) wetlands; 3) open prairie; 4) upland forest
- High quality natural areas
- Protected properties
- Highly visible locations
- High traffic areas
- High cost share potential