



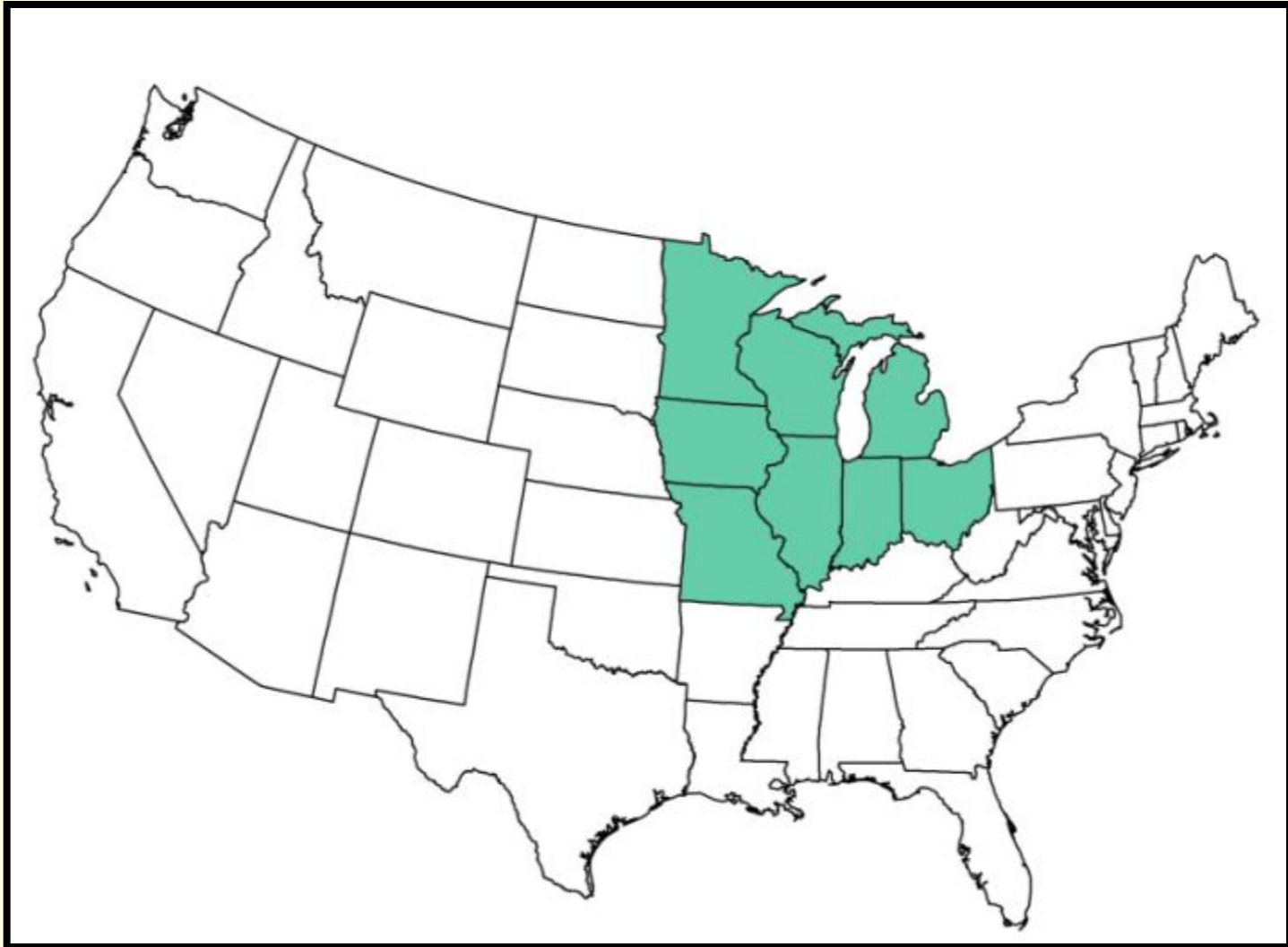
Introduction to Cooperative Weed Management Areas

What are they, what can they do for me, and how do I get one started?

Kate Howe
Midwest Invasive Plant Network
Purdue University



The mission of the Midwest Invasive Plant Network is to reduce the impact of invasive plants in the Midwest.



What does MIPN do?

- * Facilitates collaboration and information exchange among organizations
- * Works to improve prevention, early detection, education, and research on invasive plants at a regional level



What is a CWMA?

Cooperative Weed Management Areas (CWMAs) are local organizations that facilitate collaboration across jurisdictional boundaries for more effective invasive plant management.

6 basic characteristics of a CWMA

1. Operate within a defined, local geographic area
2. Involve a broad cross-section of landowners and natural resource managers
3. Led by a steering committee
4. Long-term commitment to cooperation (e.g. MOU)
5. Have a comprehensive plan for invasive plant management
6. Facilitate cooperation across jurisdictional boundaries

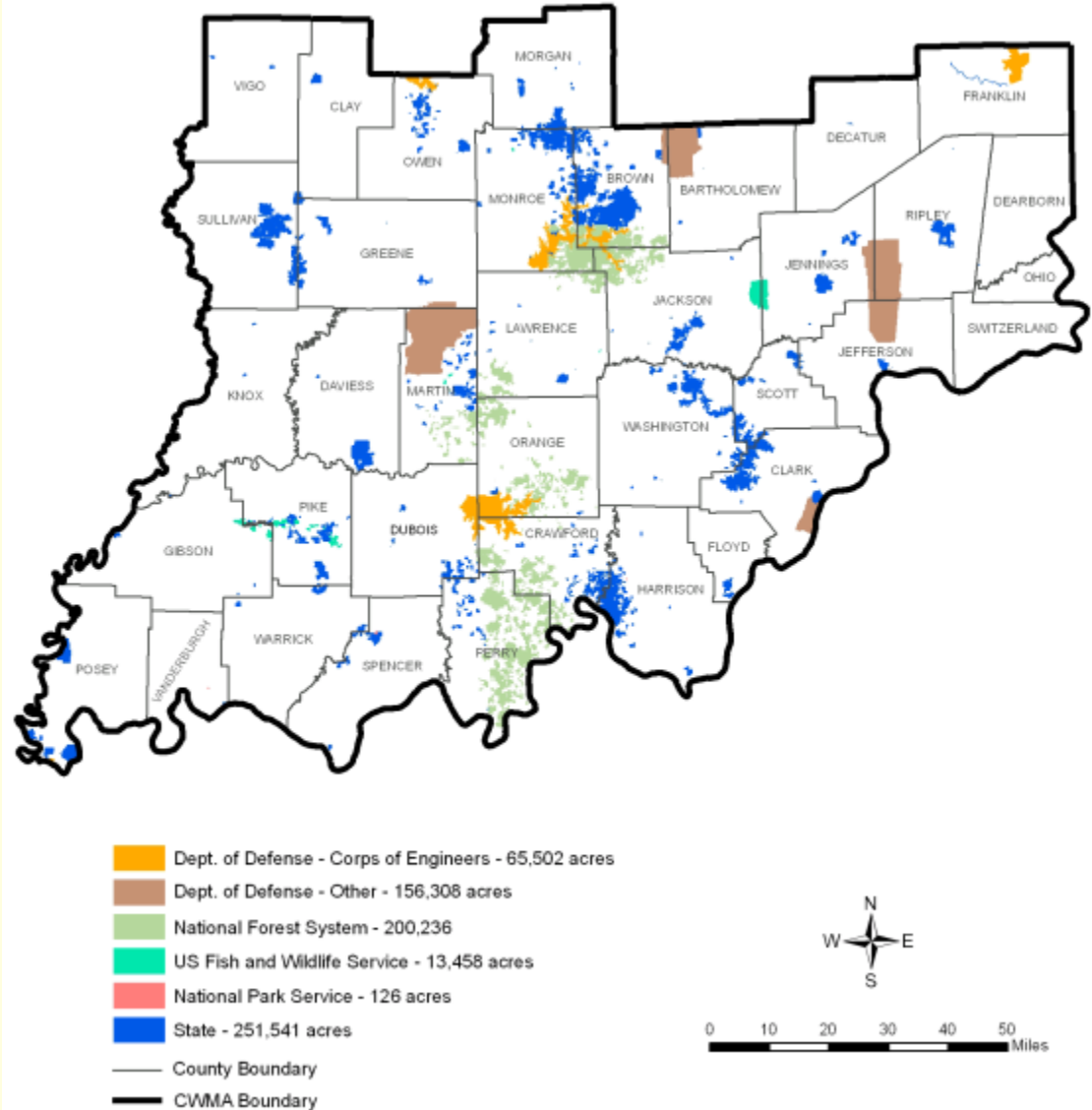
There is no official certification of CWMAAs.

Having all 6 characteristics of a CWMAA:

- helps ensure the long-term viability of your organization**
- demonstrates commitment to potential funders**

Benefits of a CWMA

- They cross boundaries



Benefits of a CWMA

- They allow partners to share and leverage limited resources.



Benefits of a CWMA

- CWMAAs are highly visible.



Benefits of a CWMA

- They raise awareness of invasive species.



Benefits of a CWMA

- They provide an early detection and rapid response network.



Benefits of a CWMA

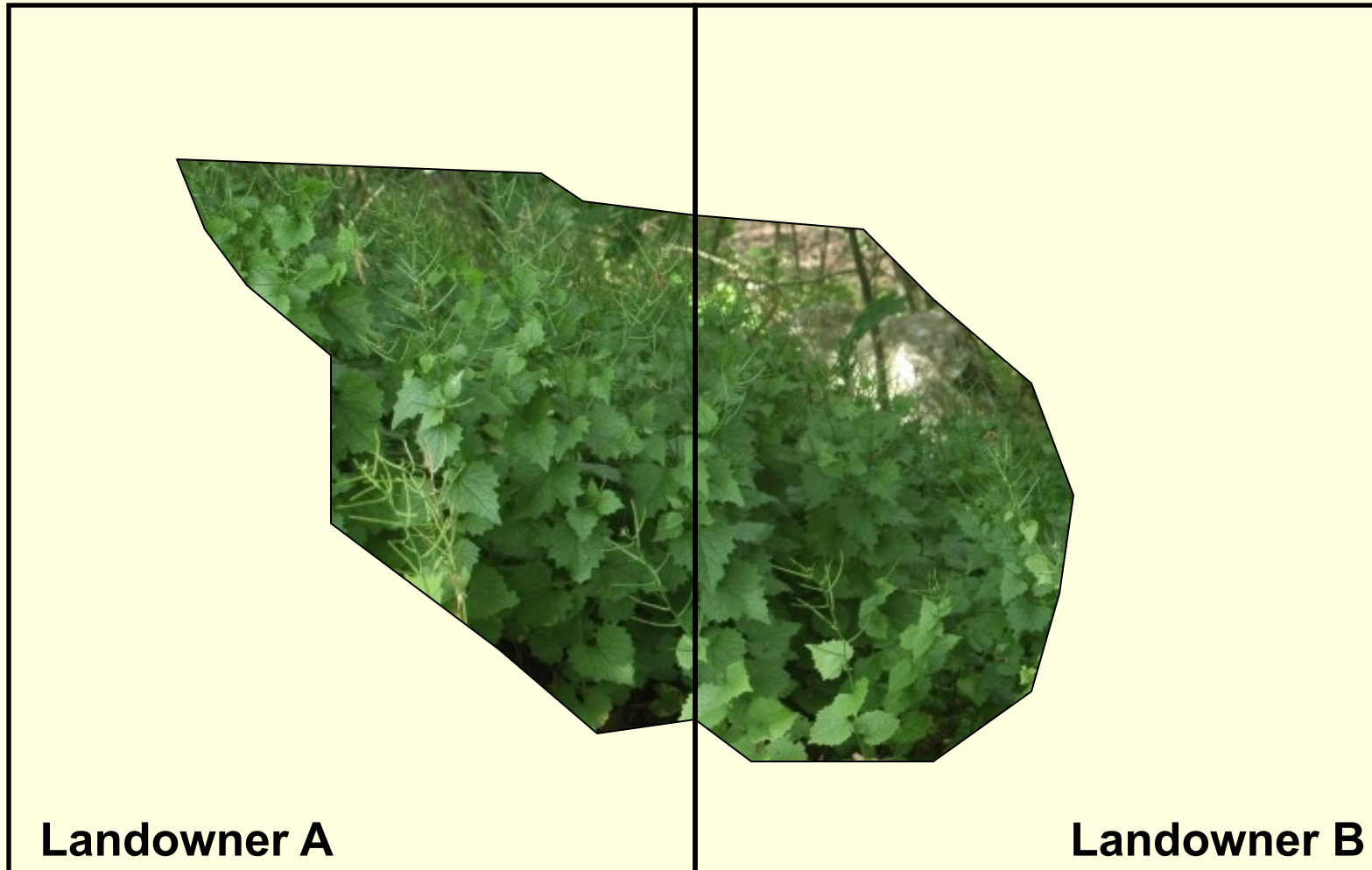
- They can help secure funding for invasive plant projects.

Examples:

- National Fish & Wildlife Foundation, Pulling Together Initiative
- USFS State & Private Forestry
- NRCS Conservation Innovation Grants
- State funds
- Private foundations

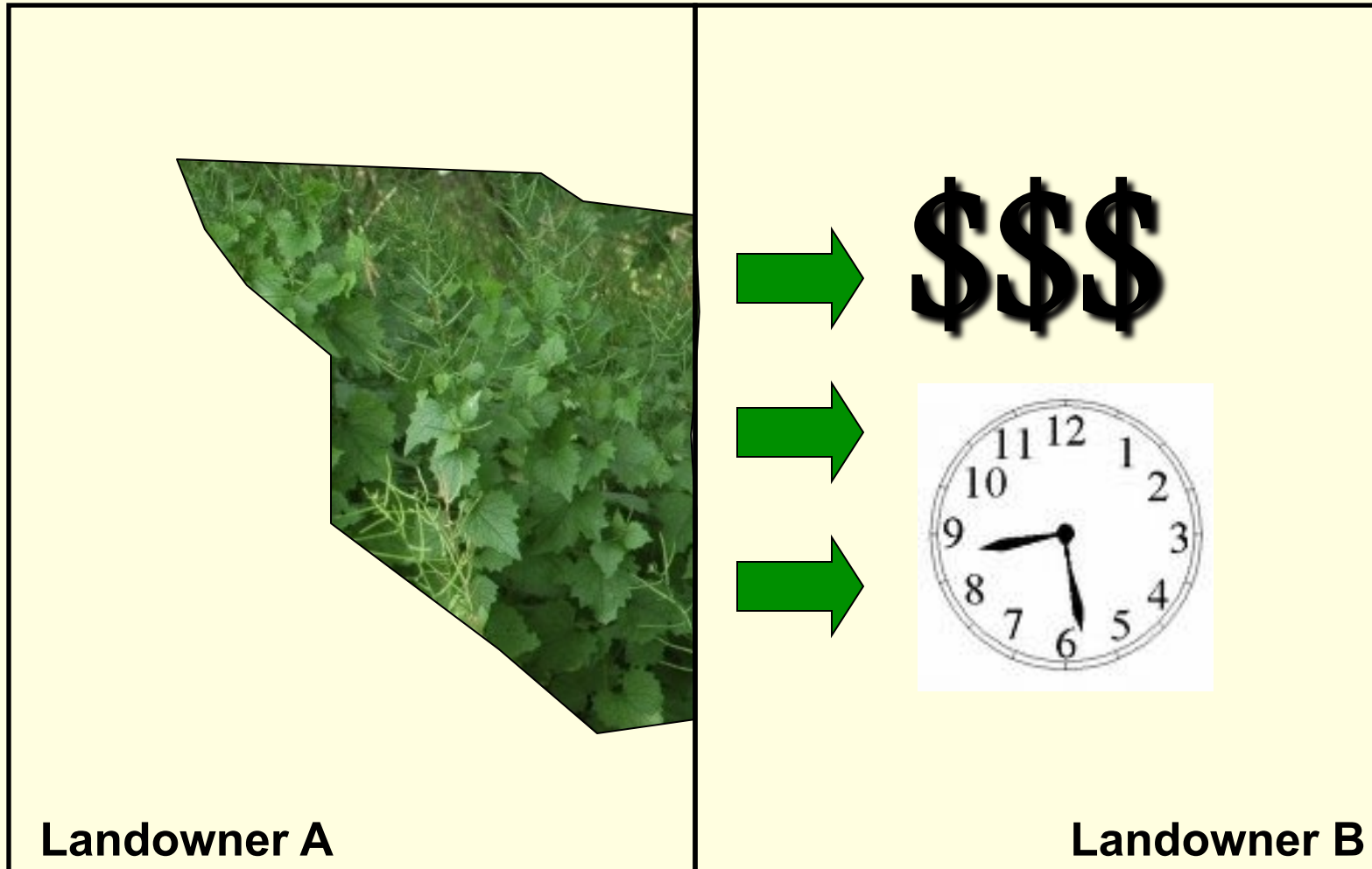
Why are CWMA's Important?

Up-to-the-fence problem



Why are CWMA's Important?

Up-to-the-fence problem





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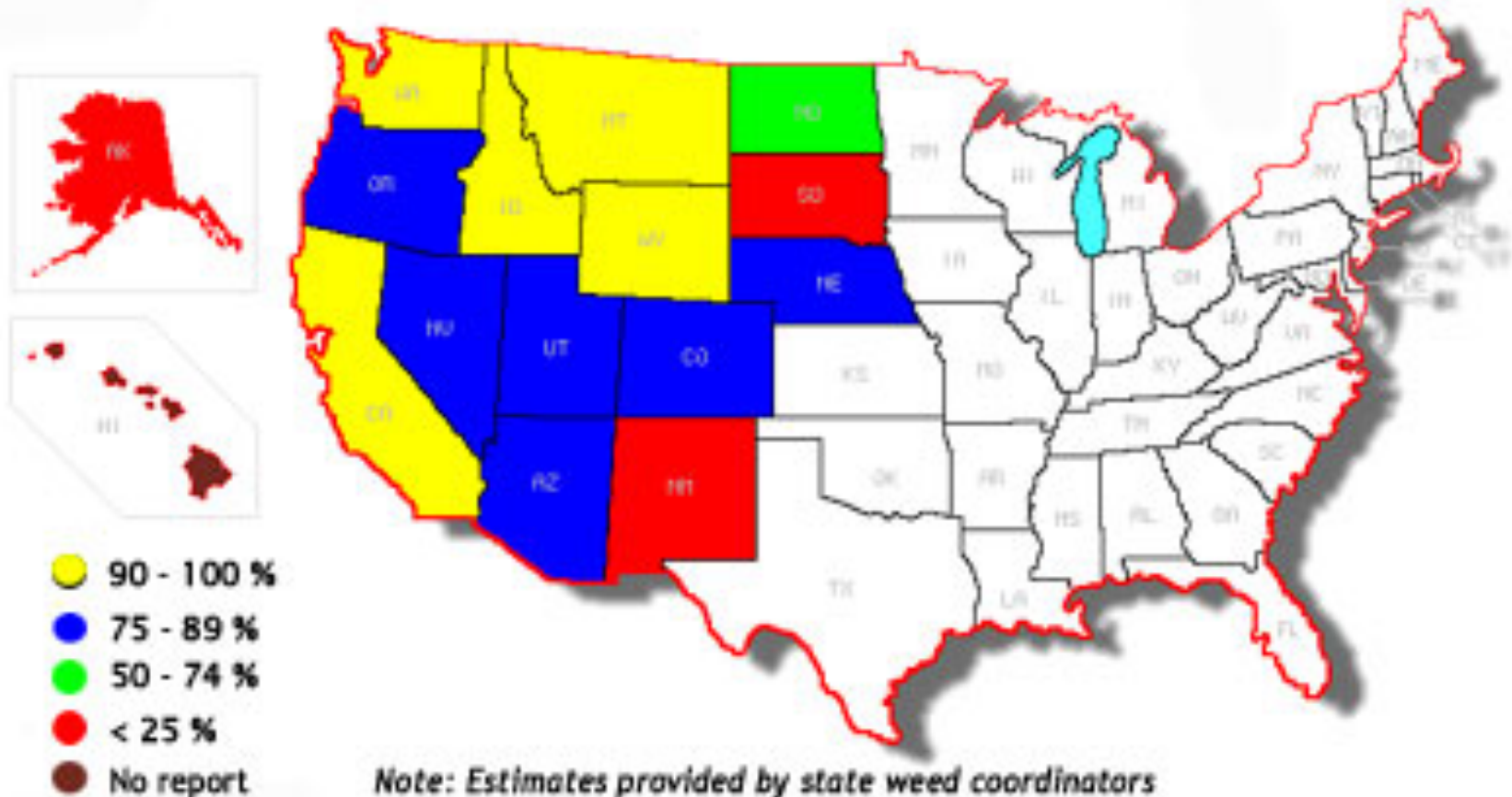
Regional Management

- Effective invasive species management should be implemented on the same scale as the infestation
- If invasive species do not recognize boundaries, **but we have to**, they automatically have the upper hand



Cooperative Weed Management Areas in the West

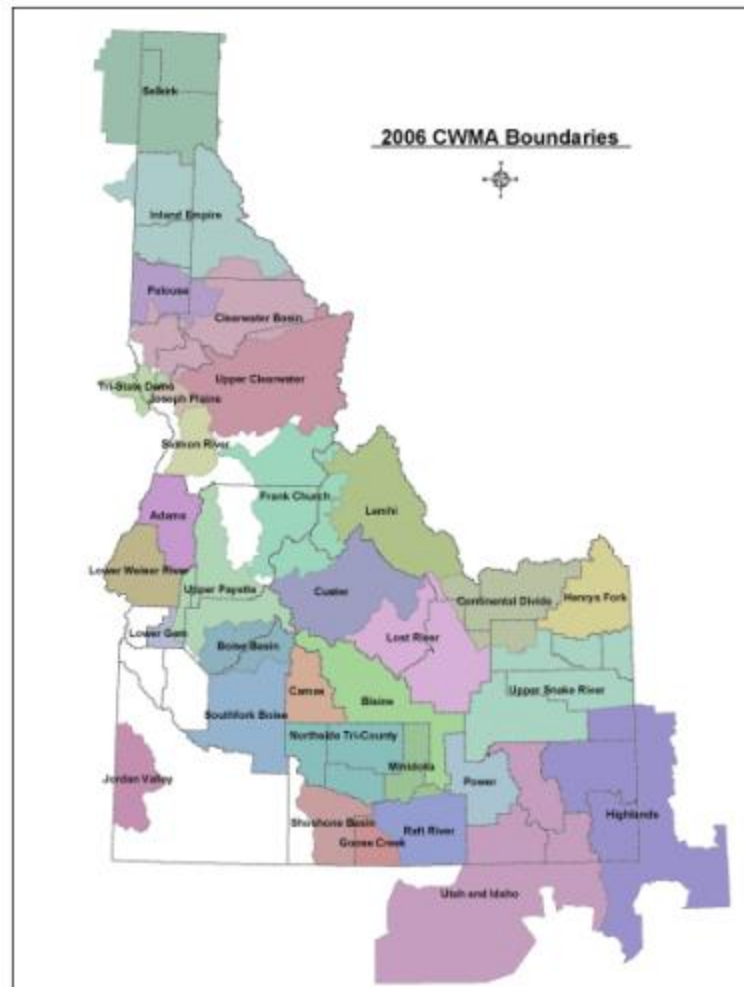
Coverage by CWMA and/or county weed districts in the West, 2005



Highlights of Accomplishments for California Weed Management Areas, 2001-2004

- The eradication of 2,015 populations of high priority weed infestations;
- The treatment of more than 128,421 acres of high priority weed infestations;
- The receipt of \$7,025,187 in matching funds from outside grant funding and the contribution of in-kind donations and services by WMAs valuing \$9,109,946;
- The distribution of \$5.6 million to 45 WMAs covering 57 counties;
- The development of new local partnerships between public agencies, private landowners, agriculturalists and conservationists, with outreach programs reaching 88,803 people; and
- Attendance by 6,781 people at regular weed management meetings throughout the state.

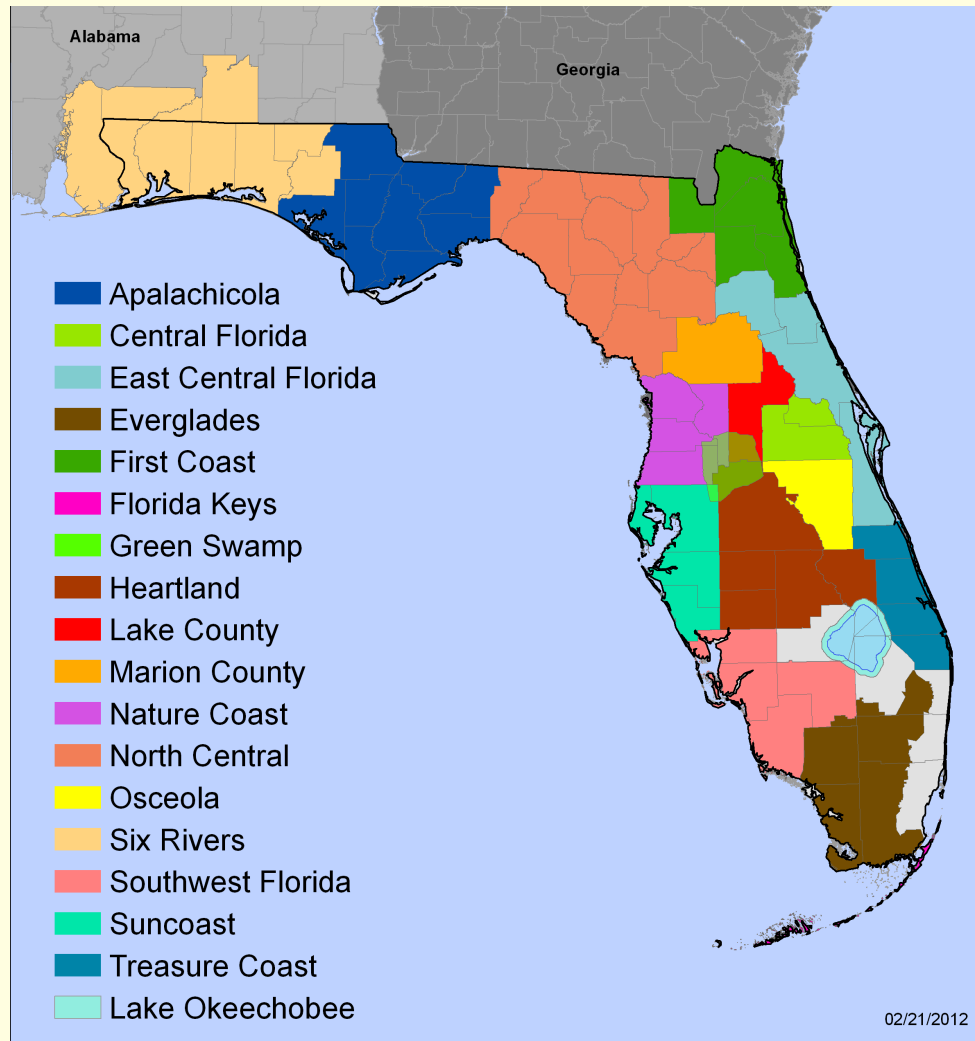
Our goal is to increase coverage by CWMA's east of the Mississippi.



New York's Partnerships for Regional Invasive Species Management (PRISMS)

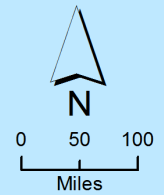
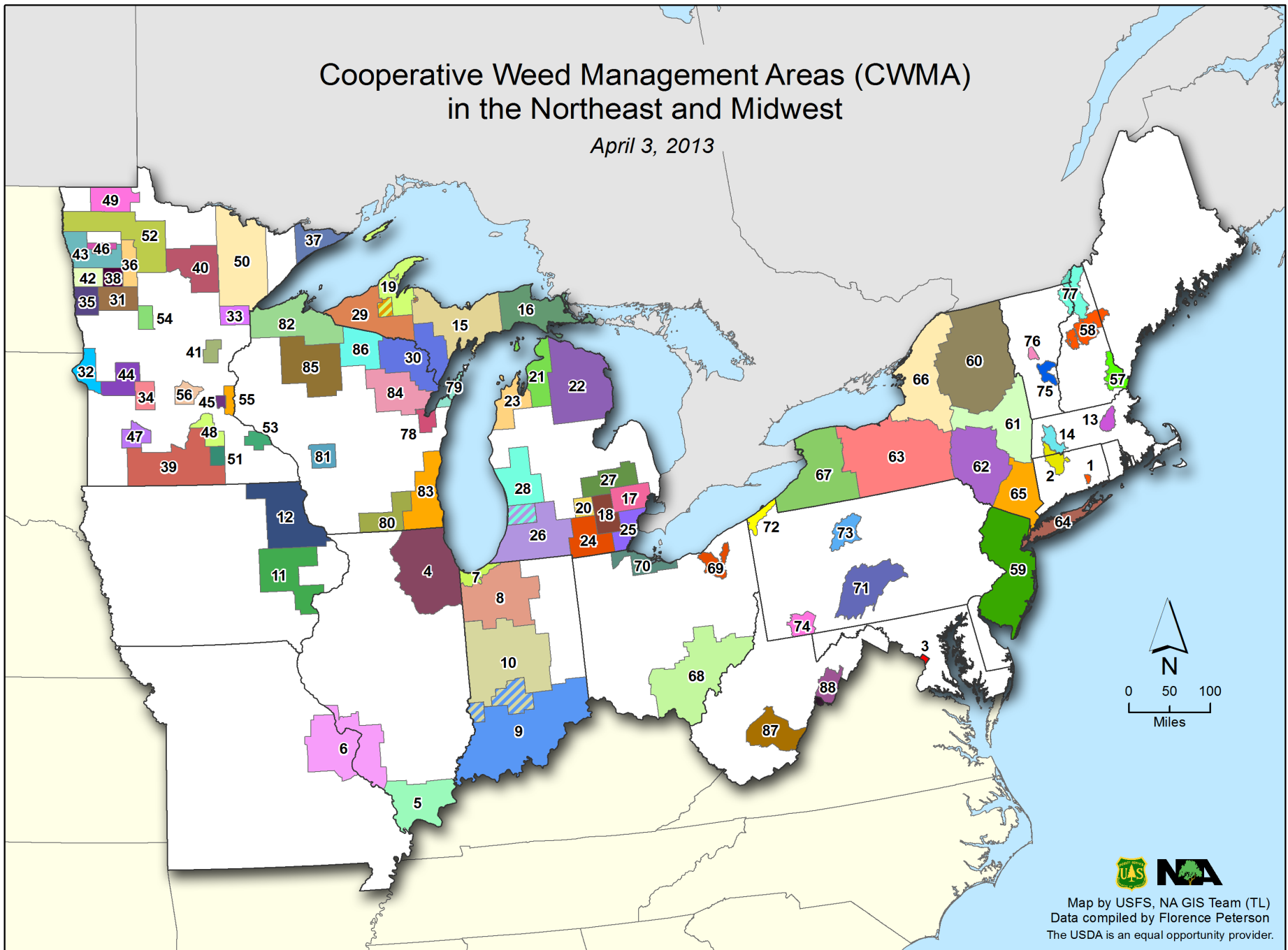


Florida's Cooperative Invasive Species Management Areas (CISMAs)



Cooperative Weed Management Areas (CWMA) in the Northeast and Midwest

April 3, 2013



Map by USFS, NA GIS Team (TL)
Data compiled by Florence Peterson
The USDA is an equal opportunity provider.

ID #	CWMA Name	State(s)			
1	Eightmile River Invasive Species Management Area (ERISMA)	CT	45	Ramsey County CWMA	MN
2	Farmington River Coordinating Committee	CT, MA	46	Red Lake County CWMA	MN
3	District of Columbia CWMA	DC	47	Redwood County CWMA	MN
4	Northeast Illinois Invasive Plant Partnership (NIIPP)	IL	48	Rice - Scott CWMA	MN
5	River to River CWMA	IL	49	Roseau County CWMA	MN
6	Gateway CWMA	IL, MO	50	St. Louis County CWMA	MN
7	Indiana Coastal CWMA	IN	51	Steele County Invasive Species Management Area	MN
8	Northwest Indiana CWMA	IN	52	Thief River Watershed Cooperative Weed Management Area (TRWCWMA)	MN
9	Southern Indiana Cooperative Invasive Management (SICIM)	IN	53	Wabasha County CWMA	MN
10	West Central Indiana CWMA	IN	54	Wadena County CWMA	MN
11	Hawkeye CWMA	IA	55	Washington County CWMA	MN
12	Northeast Iowa CWMA	IA	56	Wright County CWMA	MN
13	SuAsCo Cooperative Invasive Species Management Area	MA	57	Coastal Watershed Invasive Plant Partnership (CWIPP)	NH
14	Westfield Invasive Species Partnership (WISP)	MA	58	White Mountain Early Detection Network	NH
15	Central Upper Peninsula CWMA	MI	59	New Jersey Invasive Species Strike Team	NJ
16	Eastern Upper Peninsula CWMA	MI	60	Adirondack Park Invasive Plant Program (APIPP)	NY
17	Headwaters Cluster	MI	61	Capital - Mohawk Partnership for Regional Invasive Species Managment	NY
18	Huron Arbor Cluster	MI	62	Catskill Region Invasive Species Partnership (CRISP)	NY
19	Keweenaw Invasive Species Management Area (KISMA)	MI	63	Finger Lakes Partnership for Regional Invasive Species Managment	NY
20	Mid Michigan Cluster	MI	64	Long Island Invasive Species Management Area (LIISMA)	NY
21	North Central CWMA	MI	65	Lower Hudson Partnership for Regional Invasive Species Managment	NY
22	Northeast Michigan CWMA	MI	66	SLELO Partnership for Regional Invasive Species Management	NY
23	Northwest Michigan Invasive Species Network	MI	67	Western New York Partnership for Regional Invasive Species Management	NY
24	Raisin Cluster	MI	68	Appalachian Ohio Weed Control Partnership (AOWCP)	OH
25	Southeast Michigan Lakeplain Cluster	MI	69	Crooked River CWMA	OH
26	Southwest Corner Cluster	MI	70	Lake Erie CWMA	OH
27	Three County Cluster	MI	71	Juniata Cooperative Weed Management Area (JCWMA)	PA
28	West Michigan Cluster	MI	72	Lake Erie Watershed CWMA	PA
29	Western Peninsula Invasives Coalition (WePIC)	MI	73	Sinnemahoning Invasive Plant Management Area	PA
30	Wild Rivers Invasive Species Coalition (WRISC)	MI, WI	74	Southern Laurel Highlands Plant Management Partnership	PA
31	Becker County CWMA	MN	75	Ottauquechee Cooperative Invasive Species Management Area (OCISMA)	VT
32	Big Stone - Traverse County CWMA	MN	76	Upper White River Cooperative Weed Management Area	VT
33	Carlton County CWMA	MN	77	Upper Connecticut River Invasive Species Management Area	VT, NH
34	Central Minnesota CWMA	MN	78	Brown County Invasive Plant Group	WI
35	Clay County CWMA	MN	79	Door County Invasive Species Team	WI
36	Clearwater County Weed Task Force	MN	80	Invasives Removal Squad	WI
37	Cook County Invasive Team	MN	81	Monroe County Invasive Plant Team	WI
38	Eastern Mahnomen County CWMA	MN	82	Northwoods CWMA (NCWMA)	WI
39	Greater Blue Earth CWMA	MN	83	Southeastern Wisconsin Invasive Species Consortium (SEWISC)	WI
40	Itasca County Cooperative Invasive Species Management Area	MN	84	Timberland Invasives Partnership (TIP)	WI
41	Kanabec County Weed Management Area Partnership (KCWMAP)	MN	85	Upper Chippewa Invasive Species Cooperative	WI
42	Norman County CWMA	MN	86	Wisconsin Headquarters Invasives Partnership (WHIP)	WI
43	Polk County CWMA	MN	87	New River Gorge Cooperative Weed and Pest Management Area	WV
44	Pope - Swift CWMA	MN	88	Potomac Highlands Cooperative Weed and Pest Management Area	WV, VA

Examples of CWMAAs in the Midwest

- 1) River to River CWMA (IL)
- 2) Northwoods CWMA (WI)



River to River CWMA

- Formally established in 2006
- Coordinator hired in April 2007
- Address terrestrial and aquatic non-native invasive plants in Southern Illinois



River to River CWMA Goal

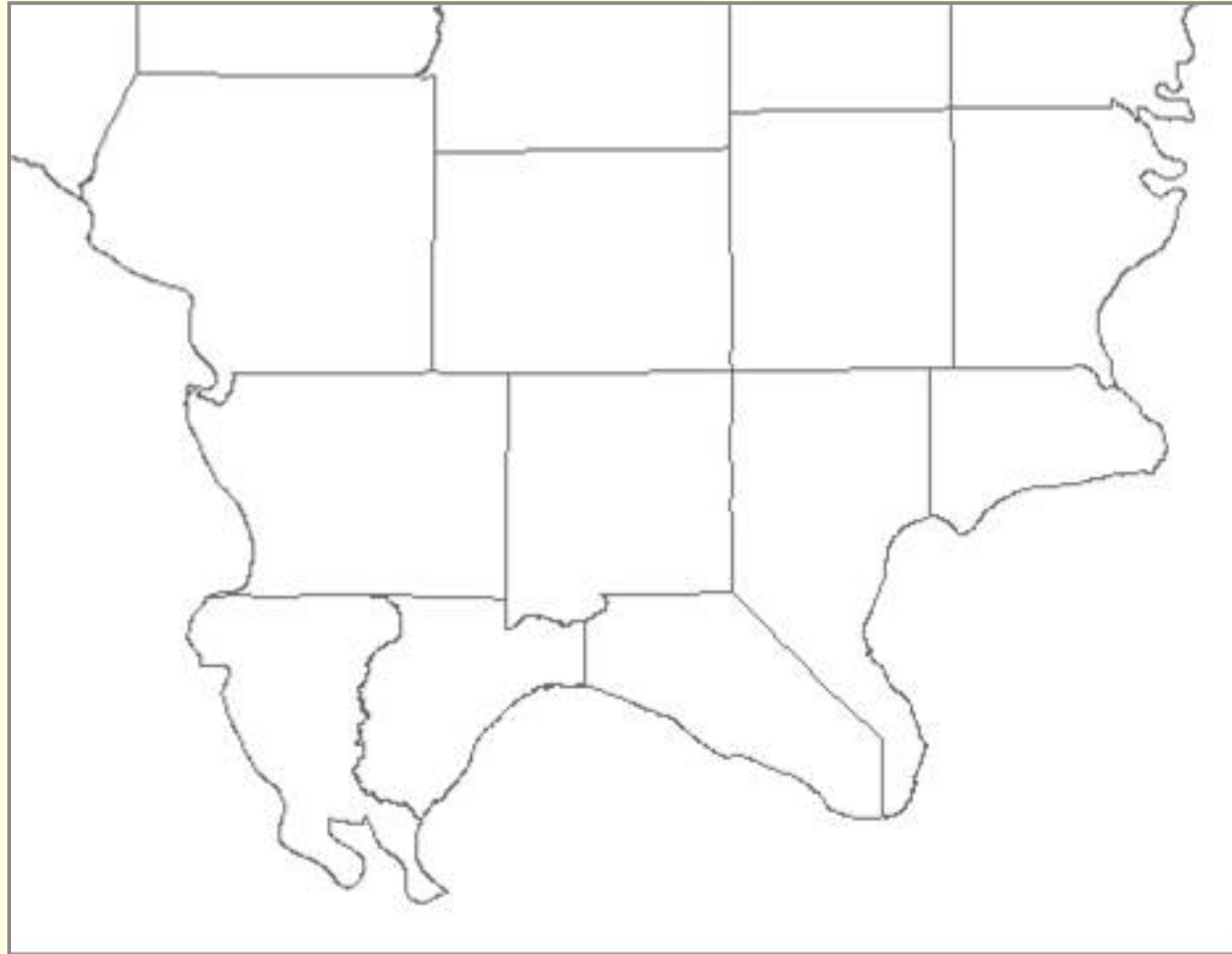
“Work cooperatively in inventorying, monitoring, controlling, and preventing the spread of non-native invasive plants across jurisdictional boundaries in the 11 southern counties in Illinois.”

- RTR CWMA Memorandum of Understanding, 2006



11 Southernmost Counties in Illinois

- Alexander
- Gallatin
- Hardin
- Jackson
- Johnson
- Massac
- Pope
- Pulaski
- Saline
- Williamson
- Union



CWMA Members



Organization

- Full time coordinator
 - Grant funded
- Steering Committee
 - Representative from each partner
 - Quarterly meetings
- Memorandum of Understanding
- Use Shawnee RC&D as umbrella group to obtain 501C(3) status
- Grant funded and project-based

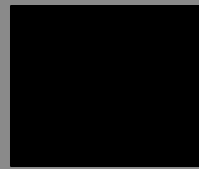


Project-based approach

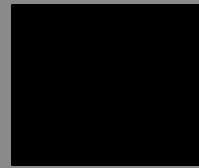
Objectives

Projects

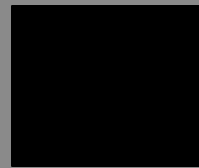
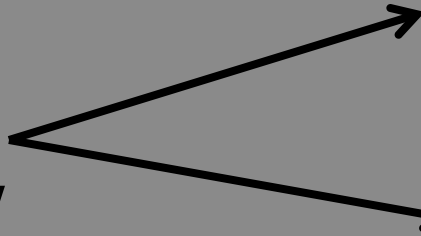
Awareness



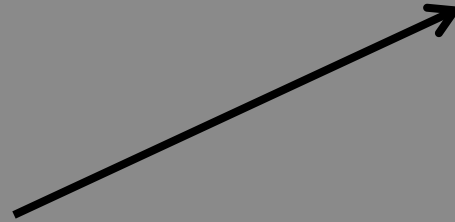
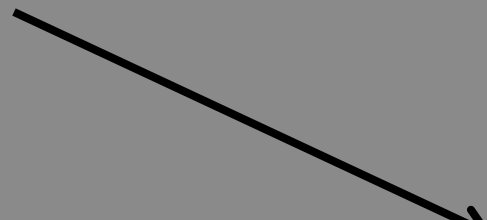
**Landowner
assistance**



**Enhance
know-how**



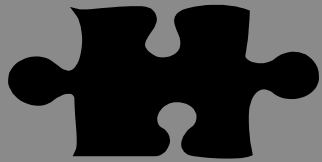
Research



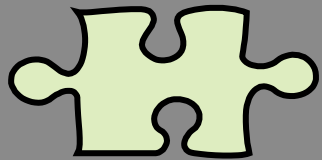
GOAL

Project-Based Cooperation

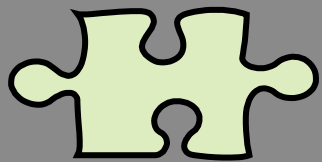
Control



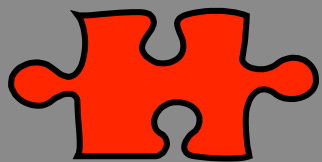
DNR



USFS

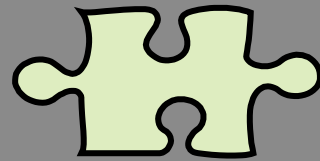


USFWS

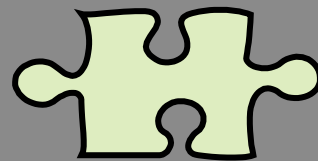


CWMA
Project

Prevention



APHIS

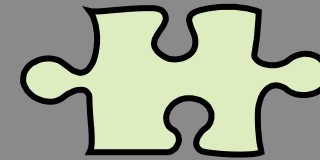


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Ag

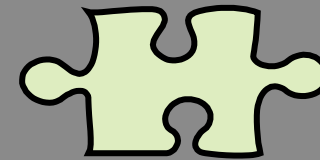


CWMA
Project

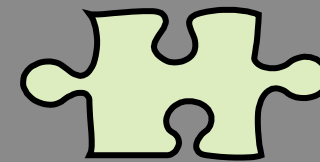
Landowner Assistance



DNR



NRCS

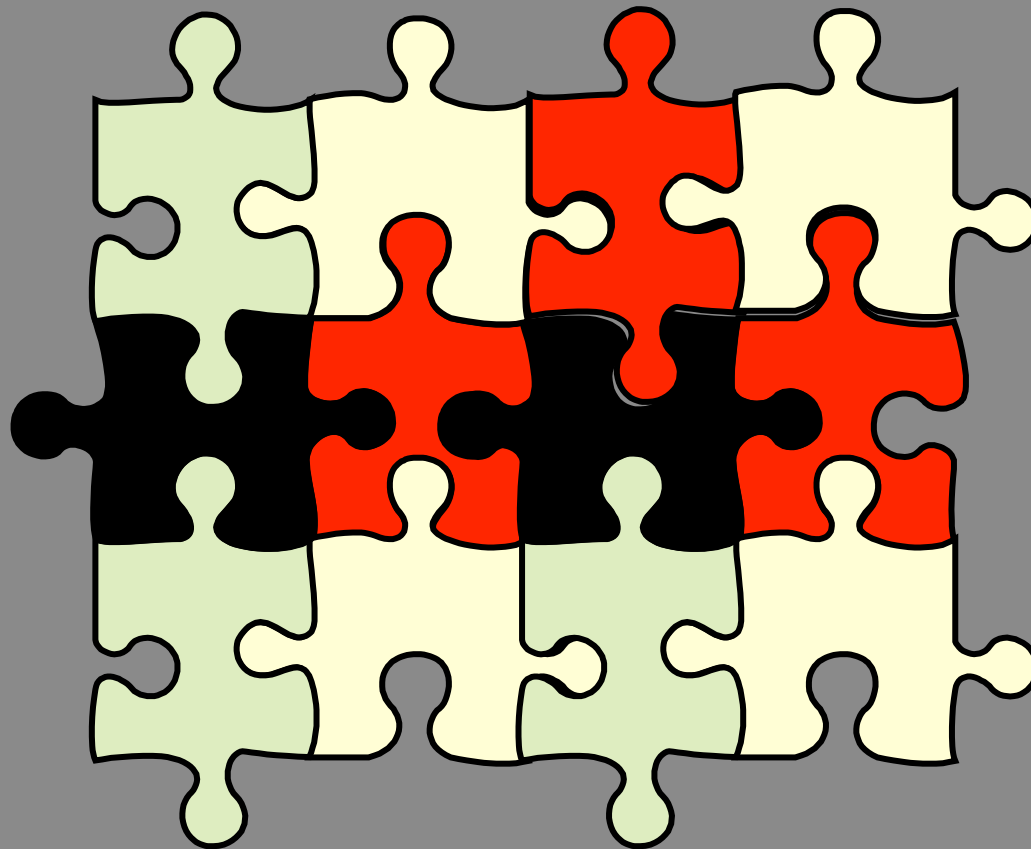


Extension



CWMA
Project

Project-Based Cooperation



CWMA Funding Sources

- National Fish and Wildlife Foundation
- National Forest Foundation
- Boat U.S. Foundation
- NRCS – Conservation Innovation Grant
- USFS State & Private Forestry
- State Wildlife Preservation Fund Grants
- State Conservation Grants
- Participatory Agreements and Challenge Cost-shares
- State Wildlife Grants

Focus Areas

1. Education and awareness
2. Organization and capacity building
3. Coordinated control efforts



Volunteer Trainings



Agency Trainings



Trainings/workshops

- ▶ Over 80 events held
- ▶ Over 3,000 attendees
 - Agency staff
 - Volunteers/friends groups
 - Consultants
 - Landowners
 - Students



Publications

Why Should I Care About Invasive Plants?

HOW INVASIVE PLANTS IMPACT
HUNTING, FISHING, BOATING,
GARDENING, HIKING, BIKING,
HORSEBACK RIDING, AND
OTHER RECREATIONAL ACTIVITIES
IN THE MIDWEST



Help Protect Southern
Illinois' Lakes and Rivers



Stop the Spread of
Aquatic Invasive Species

River to River
Cooperative Weed Management Area



Invasive Plants of Southern Illinois



by
Tiffany Osborne and Brad Steffen



Demonstration Plots

- ▶ Educational tool
- ▶ Field Tours
- ▶ Self-guided

Giant City State Park



Illinois Invasive Species Awareness Month



Other Methods

- Press releases
- Driving tours
- Participation in kids' education events
- Booth/displays at fair
- Website
- Google calendar
- Facebook Page



Early Detection & Rapid Response



UGA5270022



Strike Team



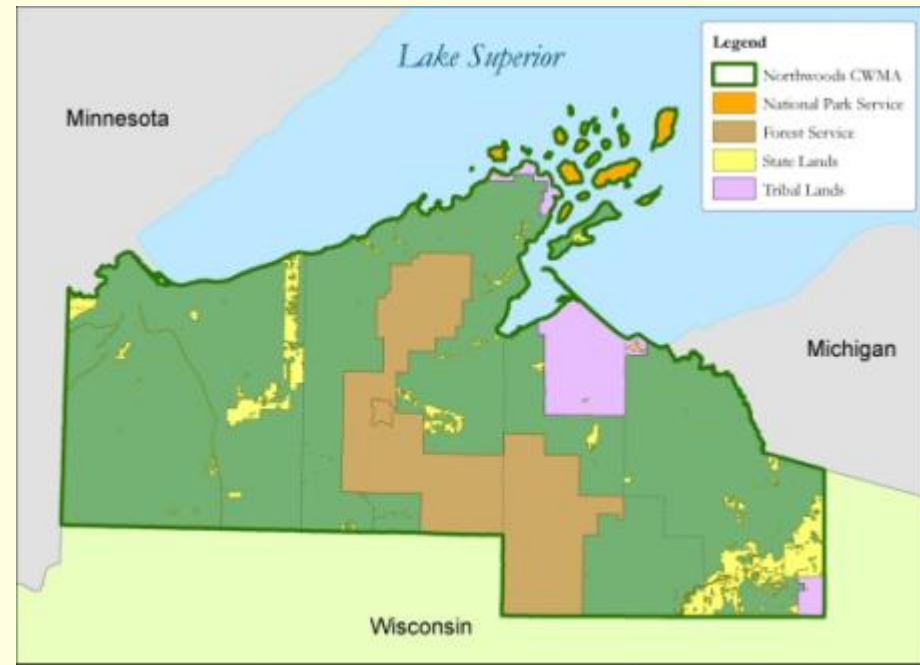
- Modeled after the National Park Service Exotic Plant Management Teams
 - Full-time employees dedicated to exotic control
 - Detailed record keeping
 - Focus on incipient infestations and pathways



CWMAs in the Midwest

Northwoods CWMA (WI)

- Located in Ashland, Bayfield, Douglas, and Iron Counties in far northern WI
- Started as the Northwoods Weed Initiative, working on a grant for leafy spurge control
- Formed a CWMA to formalize the partnership and work on more projects



Northwoods CWMA (WI)



Primary Objectives:

- To prevent new invaders from taking hold in the area
- To control new invasive species
- To contain and manage existing populations that have already become established

Northwoods CWMA (WI)

Partners

- **Great Lakes Indian Fish and Wildlife Commission**
- **Chequamegon/Nicolet National Forest**
- **National Park Service**
- **Natural Resource Conservation Service**
- **Ashland, Bayfield, Douglas Co. Land Cons. District**
- **The Nature Conservancy**
- **US Fish and Wildlife Service**
- **University of Wisconsin Extension**
- **Wisconsin DNR**
- **Bad River Chippewa Band**

Accomplishments

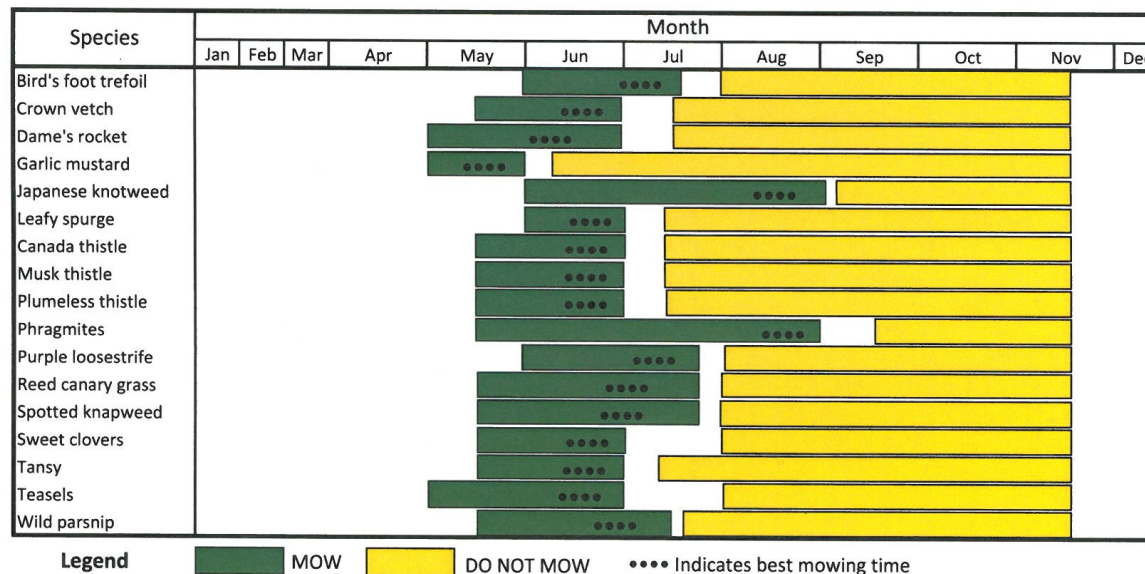
- **Prevention:**

- Scheduled roadside mowing activities to prevent spread of leafy spurge

- **Mapping and monitoring:**

- Inventoried and mapped local invasive plant populations

Mowing times for common invasive species in northern Wisconsin



Accomplishments

• Education:

- Developed “Homeowner’s Guide to Japanese Knotweed Control”
- Taught public seminars on treatment of buckthorn and honeysuckle
- Developed curriculum for K-12 classes on invasive plants
- Created PowerPoint presentations to educate local policy makers about invasive plant issues
- Staffed an informational booth at the local farmer’s market



Accomplishments

- **Control and management:**

- Cooperative control efforts for Japanese knotweed, buckthorn, spotted knapweed, purple loosestrife, and other species

