



# Great Lakes - Northern Forest

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## Cooperative Ecosystem Studies Unit

# “State of Our CESU” Network Report Update

March 2014



UNIVERSITY OF MINNESOTA  
**Driven to Discover<sup>SM</sup>**

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**Cooperative Ecosystem Studies Units (CESU)** are multi-agency partnerships with the Nation's universities and other institutions, organized around biogeographic areas. The CESUs were established to provide research, technical assistance, and education to resource and environmental managers. The **Great Lakes – Northern Forest Cooperative Ecosystem Studies Unit (GLNF CESU)** is one of 17 units in the CESU National Network.

The **Great Lakes – Northern Forest Cooperative Ecosystem Studies Unit (GLNF CESU)** has been operating since 2003 and now consists of a network of faculty and staff from 33 leading academic programs, 9 Federal agencies and 10 natural resource research organizations.



# Great Lakes – Northern Forest CESU **Mission Statement**

Adopted 2003

*“To conduct a program of research, technical assistance and education that involves the biological, physical, social and cultural sciences needed to address, manage and preserve Great Lakes Northern Forest ecosystems in a rapidly changing social, economic and environmental landscape.”*

## UNIVERSITY PARTNERS

Antioch University New England  
Ball State University  
Central Michigan University  
Cleveland State University  
Cornell University  
Fond du Lac Tribal and Community College  
Grand Valley State University  
Hamline University  
Indiana State University  
Indiana University  
Kent State University  
Michigan State University  
Michigan Technological University  
Minnesota State University, Mankato  
Northern Illinois University  
Northern Michigan University  
Northland College  
Purdue University  
Southern University and A&M College  
State University of New York  
Stephen F. Austin State University  
St. Mary's University of Minnesota  
The Ohio State University  
University of Iowa  
**University Of Minnesota [HOST]**  
University of Notre Dame  
University of Toledo  
University of Vermont  
University of Wisconsin, La Crosse  
University of Wisconsin, Madison  
University of Wisconsin, Stevens Point  
West Virginia University  
Winona State University

# Members of the Great Lakes-Northern Forest CESU

## FEDERAL PARTNERS

Bureau of Land Management  
Department of Defense  
National Aeronautics and Space Administration  
National Park Service  
Natural Resources Conservation Service  
U.S. Army Corps of Engineers  
U.S. Fish and Wildlife Service  
U.S. Forest Service, Northern Research Station  
U.S. Geological Survey

## ORGANIZATION PARTNERS

American Indian Science and Engineering Society  
Chicago Botanic Garden  
Great Lakes Commission  
Great Lakes Forest Alliance  
Midwest Art Conservation Center  
Minnesota Department of Natural Resources  
National Council for Air and Stream Improvement  
The Nature Conservancy (Minnesota)  
Science Museum of Minnesota  
Wildlife Conservation Society

# Functions of the GLNF CESU Host University

The **University of Minnesota** staff oversees the day-to-day operation of the CESU and provides essential support including:

- Facilitating new member applications and amendments to the cooperative agreement
- Developing and maintaining a GLNF CESU website
- Providing GLNF CESU project file updates
- Enhancing collaboration by notifying partners of GLNF CESU funding opportunities and posting notices on website

# Becoming a New Great Lakes – Northern Forest CESU Partner

Interested parties are welcome to contact our GLNF CESU director with inquiries. We accept new member applications throughout the year.

## New Federal Partner Applications:

Federal agency applicants must be members of the CESU Network Council and signatories on the national CESU Network Federal Agency Memorandum of Understanding. The steps for the federal agency partner application process are:

1. Notify the CESU Network National Coordinator of intent to enroll in a particular CESU.
2. Establish initial contact with the host university CESU director to begin dialog regarding enrollment as a new federal agency partner.
3. Submit a formal letter of interest and application (e.g., no more than 10 pages) to the host university CESU director (see [webpage](#) for specific instructions).

## New Non-Federal Partner Applications:

Tribal, state, and local governments, academic institutions, nongovernmental conservation organizations, and other nonfederal organizations are eligible to apply for enrollment. The steps for the nonfederal partner application process are:

1. Establish initial contact with the host university CESU director to begin dialog regarding enrollment as a new partner.
2. Submit a formal letter of interest and application (e.g., no more than 20 pages) to the CESU director (see [webpage](#) for specific instructions).

## Review Process:

Following submission of an application for enrollment, the application package is distributed to all existing partner technical representatives for consideration.

# University of Minnesota as Host:

The Great Lakes – Northern Forest CESU has been in operation since 2003

The University of Minnesota has served as the host of the GLNF CESU since its inception

- Host duties are renewed every five years.
  - Previous renewal periods
    - 2003 – 2007
    - 2007 – 2011
    - 2012 - present
  - Last Renewal/Expiration Date: August 2, 2012
    - 1<sup>st</sup> Host Self-Assessment Report was submitted February 1, 2012



# Overview of Previous GLNF CESU Activity

## **2003 – 2007**

- \$9 Million in project funding
- Total of 140 projects
- Six new partners were added

## **2007 – 2011**

- \$18 Million in project funding
- Total of 159 projects
- Thirteen new partners were added
- Agencies reported working with 22 of the 39 nonfederal partners
  - Five partners received 61 percent of the funding
    - Michigan State University 18%
    - University of Minnesota 14%
    - Cornell 10%
    - University of Wisconsin-Madison 10%
    - University of Wisconsin-La Crosse 9%
  - Minority serving institutions did not receive funding or be involved in projects

## GLNF Project Types and Funding FY 2003-2012

<sup>1</sup> Sums to more than total project funding because some projects classified into more than one type.

<sup>2</sup> Sums to less than the total number of projects because some projects classified into more than one type.

Project Type	1 <sup>st</sup> 5 years (2003 – 2007)		2 <sup>nd</sup> 5 years (Aug 2007 - 2012)		Totals
	# of projects	Funding <sup>1</sup>	# of projects	Funding	
Research	61	\$5,327,318	77	\$10,301,883	\$15,629,201
Technical Assistance	72	\$5,383,246	65	\$ 6,708,024	\$12,091,270
Education	11	\$ 322,886	17	\$ 1,335,520	\$ 1,623,210
<b>Total Projects</b>	140 <sup>2</sup>		159		299
<b>Total Project Funding</b>	<b>\$9,060,608</b>		<b>\$18,310,231</b>		<b>\$27,370,839</b>

**(From 2012 Self Assessment)**

## Previous Projects and Funding by Federal Agency, August 2007 - August 2011

Federal Agency	Number of Projects	% Projects	Amount of Funding	% Funding
<b>Bureau of Land Management (BLM)</b>	0		0	
<b>Department of Defense (DoD)</b>	0		0	
<b>National Aeronautics and Space Administration (NASA)</b>	0		0	
<b>National Park Service (NPS)</b>	65	41	\$7,107,527	39
<b>Natural Resources Conservation Service (NRCS)</b>	28	18	\$2,381,878	13
<b>U.S. Army Corp of Engineers *(USACE)</b>	10	6	\$2,412,361	13
<b>U.S. Forest Service (USFS)</b>	35	22	\$3,453,735	19
<b>U.S. Geological Survey (USGS)</b>	21	13	\$2,954,730	16
<b>U.S. Fish and Wildlife Service (USFWS)</b>	0		0	
	159	100%	\$18,310,231	100%

*(From 2012 Self Assessment Report)*

# New Partners in 2013

## University Partners:

- Northern Illinois University
- Northland College

## Organization Partners:

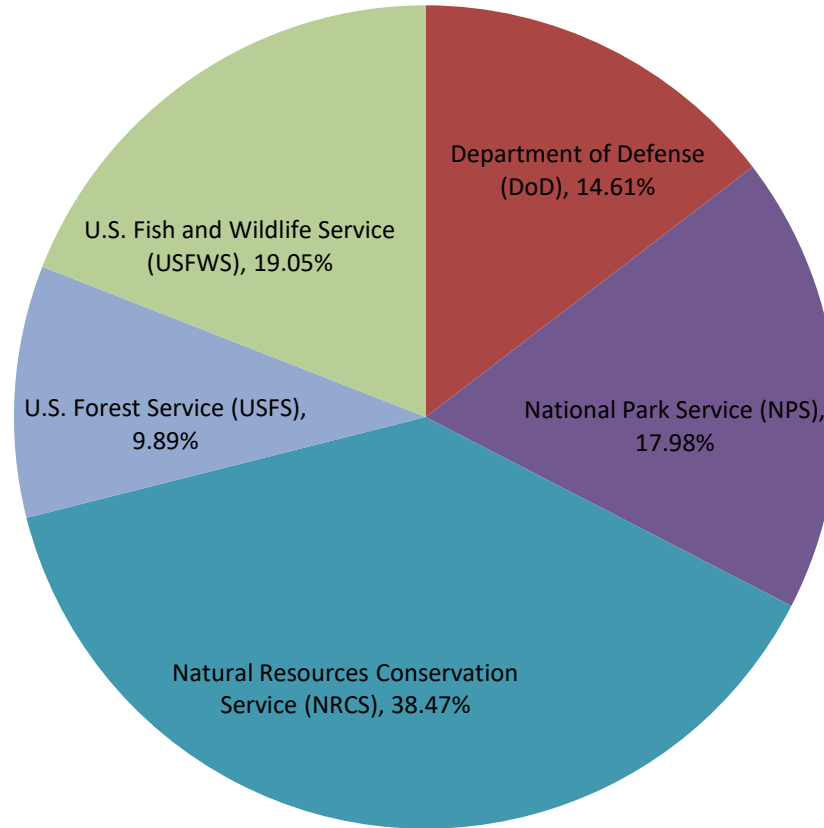
- Chicago Botanical Garden

**Table 1. Number of Projects and Funding by Federal Agency, Initiated in 2012 - present**

<b>Federal Agency</b>	<b>Number of Projects</b>	<b>% Projects</b>	<b>Amount of Funding</b>	<b>% Funding</b>
<b>Bureau of Land Management (BLM)</b>	0	0.00%	0	0.00%
<b>Department of Defense (DoD)</b>	3	8.51%	663,392	14.61%
<b>National Aeronautics and Space Administration (NASA)</b>	0	0.00%	0	0.00%
<b>National Park Service (NPS)</b>	20	42.55%	816,424	17.98%
<b>Natural Resources Conservation Service (NRCS)</b>	15	31.91%	1,747,136	38.47%
<b>U.S. Army Corp of Engineers *(USACE)</b>	0	0.00%	0	0.00%
<b>U.S. Forest Service (USFS)</b>	5	10.64%	448,977	9.89%
<b>U.S. Geological Survey (USGS)</b>	0	0.00%	0	0.00%
<b>U.S. Fish and Wildlife Service (USFWS)</b>	3	6.38%	865,289	19.05%
	47	100.00%	\$4,541,218	100.00%

# Percentage of GLNF CESU project funding by Federal Agency

*(For projects initiated in 2012 – present)*



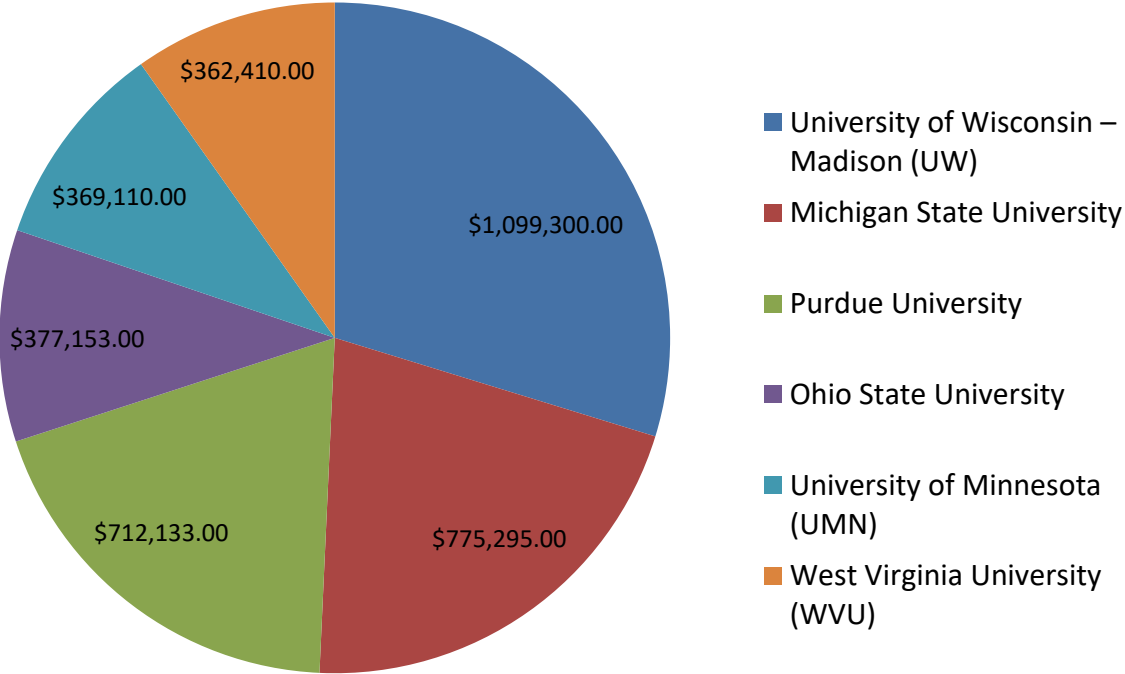
# Number of Projects and Funding by Non-Federal Partners

*(For projects initiated in 2012 – present)*

Non Federal Partner	Partner Abbrev.	Number of Projects	Federal Agency	Amount of Funding
Ball State University	BSU	1	NPS	13,196
Indiana University	IU	2	NPS	145,000
Michigan State University	MSU	5	DOD(2), NRCS (2), USFS	775,295
Michigan Tecnological University	MTU	2	NPS	85,279
Northern Michigan University	NMU	1	NPS	23,778
Ohio State University	OSU	2	NRCS	377,153
Purdue University	PU	5	NPS(1); NRCS(3) USFS(1)	712,133
State Universtiy of New York-Environmental Science & Forestry	SUNY	1	DOD	59,000
Stephen F. Austin State University	SFA	2	NPS	125,000
The Nature Conservancy	TNC	1	NRCS	199,645
University of Minnesota – Duluth (UMD)	UMD	2	NPS	139,889
University of Minnesota (UMN)	UMN	10	NPS (4); FWS(2); NRCS(1); USFS(3)	369,110
University of Wisconsin – Madison (UW)	UW	4	FWS(1); NRCS(2); NPS(1)	1,099,300
University of Wisconsin – LaCrosse (UWLax)	UWLax	2	NPS	72,000
West Virginia University (WVU)	WVU	5	NPS(1); NRCS(4)	362,410

# Non-Federal Partners Amount of Funding

*(For projects initiated in 2012 – present)*







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## Cooperative Ecosystem Studies Unit

Questions?

Please contact us at:

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