



# CESU Network of Universities (18 CESU areas)

Developed to provide Federal Agencies, NGO and other partners high quality research and technical assistance and educational opportunities

Is a sole-source contracting option (competition is already completed)

Includes most Land Grant Universities along with other partner universities (non-Land Grant Universities must apply through the host university)

The F&A (indirect costs) is limited to 10% and can be negotiated lower)

Each CESU has its own contract (known as a modification)

## Great Lakes Northern Forest Cooperative Ecosystem Studies Unit Modification to the CESU Agreement

FUNDING AGENCY: Natural Resources Conservation Service

Modification #:

Cooperative Agreement: 68-3A75-2-89

Funding Amount:

Funding Authorization: 060702T63

**Project Title:** Development of a NEDC sponsored remote sensing course for Soil Survey Application

Partner Investigator(s): Dr. Timothy Warner

NRCS Project Manager(s): Jonathan Hempel  
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(include address, phone, email)

Effective Project Dates: August 1, 2006-July 31, 2007

**PROJECT ABSTRACT:** The Soil Survey Division draft strategic plan outlines the use of new technologies to improve the efficiency, accuracy and detail of soil survey information. As stated above, remote sensing technology has matured to the level that it is now available as a tool to an ever expanding audience including soil scientists working in the National Cooperative Soil Survey. Pilot projects with NRCS in Utah and Wyoming have proven to be effective in increasing our ability to produce higher quality information on both initial and update soil survey projects. The Division seeks to make this technology available to an even wider audience to produce a newer generation of soil survey products through the development of a NEDC sponsored course

**Key Words:**

**NRCS Signatures**

**Research Coordinator:**  
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Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**Partner Signatures**

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Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**Project Type:**      Research \_\_\_\_\_      Technical Assistance \_\_\_\_\_      Education \_\_\_\_\_  
**Project Discipline(s):**      Biological \_\_\_\_\_      Cultural \_\_\_\_\_      Physical \_\_\_\_\_      Social \_\_\_\_\_      Interdisciplinary \_\_\_\_\_

**Report(s) Received:**

**Products on File:**

This modification is subject to all the provisions included in the Cooperative Agreement, H6000C02000, dated 8/02/02.

GLNF CESU Tracking #:

## NGO's and Other Partners

Alaska Department of Fish and Game  
Alaska SeaLife Center  
American Bird Conservancy  
American Indian Science and Engineering Society  
Arizona–Sonora Desert Museum  
Audubon of Florida  
Audubon of Missouri  
Audubon of North Carolina  
Audubon of South Carolina  
Audubon Upper Mississippi River Campaign  
Bishop Museum  
*Center for Desert Archeology*  
Coastal Conservation Association  
Conservation Federation of Missouri  
Great Lakes Commission  
Great Smoky Mountains Conservation Association  
Instituto de Ecología, A.C.

- International Association for Great Lakes Research
- Joint Institute for Energy and the Environment
- Lady Bird Johnson Wildflower Center
- Maryland Coastal Bays Program
- Minnesota Department of Natural Resources
- Minnesota Forest Resources Council
- Missouri Botanical Garden
- Museum of Northern Arizona
- National Aquarium in Baltimore
- National Council for Air and Stream Improvement
- National Mississippi River Museum and Aquarium
- National Tropical Botanical Garden
- Oak Ridge National Laboratory
- Pacific International Center for High Technology Research
- Rocky Mountain Bird Observatory

# Federal Agency Partners

Bureau of Land Management

Bureau of Reclamation

Department of Defense

Minerals Management Service

National Aeronautics and Space Administration

National Marine Fisheries Service

National Park Service

US Army Corps of Engineers-Civil Works

US Fish and Wildlife Service

US Geological Survey

USDA Agricultural Research Service

USDA Forest Service

USDA National Resources Conservation Service

## **NRCS and CESU Partners in 2006**

**Dollars obligated through CESU partners =  
\$6,657,196.71**

**Number of CESUs = 17**

**Total Number of Projects = ~80**

## **NRCS and CESU Partners in 2007**

**Dollars obligated through CESU  
partners = ~\$1.8M**

# Project Initiation

Projects can originate from all levels of NRCS-NHQ, Centers, States

Sheryl Kunickis-NRCS National CESU  
Coordinator-Washington DC

[sheryl.kunickis@wdc.usda.gov](mailto:sheryl.kunickis@wdc.usda.gov)

# Cooperative Ecosystem Studies Unit Contracting Process

1. Projects can originate from all levels of NRCS-NHQ, Centers, States
2. Project must include a scope of work (proposal). The proposal must include the following items
  - a. Background of the Project
  - b. Timeline for the Project
  - c. Process for completing the task
  - d. Detailed Budget (indirect costs are limited to 10%)
  - e. Detailed list of Deliverables
3. NRCS Project Manager works with Budget Officer to assure fund availability.
4. Contract Modification must be completed, these can be requested from Sheryl
5. Kunickis (NRCS National CESU Coordinator), [sheryl.kunickis@wdc.usda.gov](mailto:sheryl.kunickis@wdc.usda.gov) 202-720-8723
6. Once completed, email the modification and proposal onto Sheryl at NHQ
7. Note: the modification must have the PI and Grant administrator contact information completed.
8. The PO will work with the local Contracting Officer to secure the Principal Investigator and Grant Administrator signatures. (At this time the University generates their internal tracking documents – PI-blue sheets, Grant Administrator-green sheets)
9. When partner signatures are completed, contract is returned to NRCS for final signature
10. If the contract is over \$100,000 the Deputy Chief for Management must sign. Sheryl will facilitate this signature.
11. If the contract is under \$100,000, the host State Conservationist can sign.
12. Budget Officer obligates funds
13. After signature from management the Contract and budget obligation is complete the work can begin.