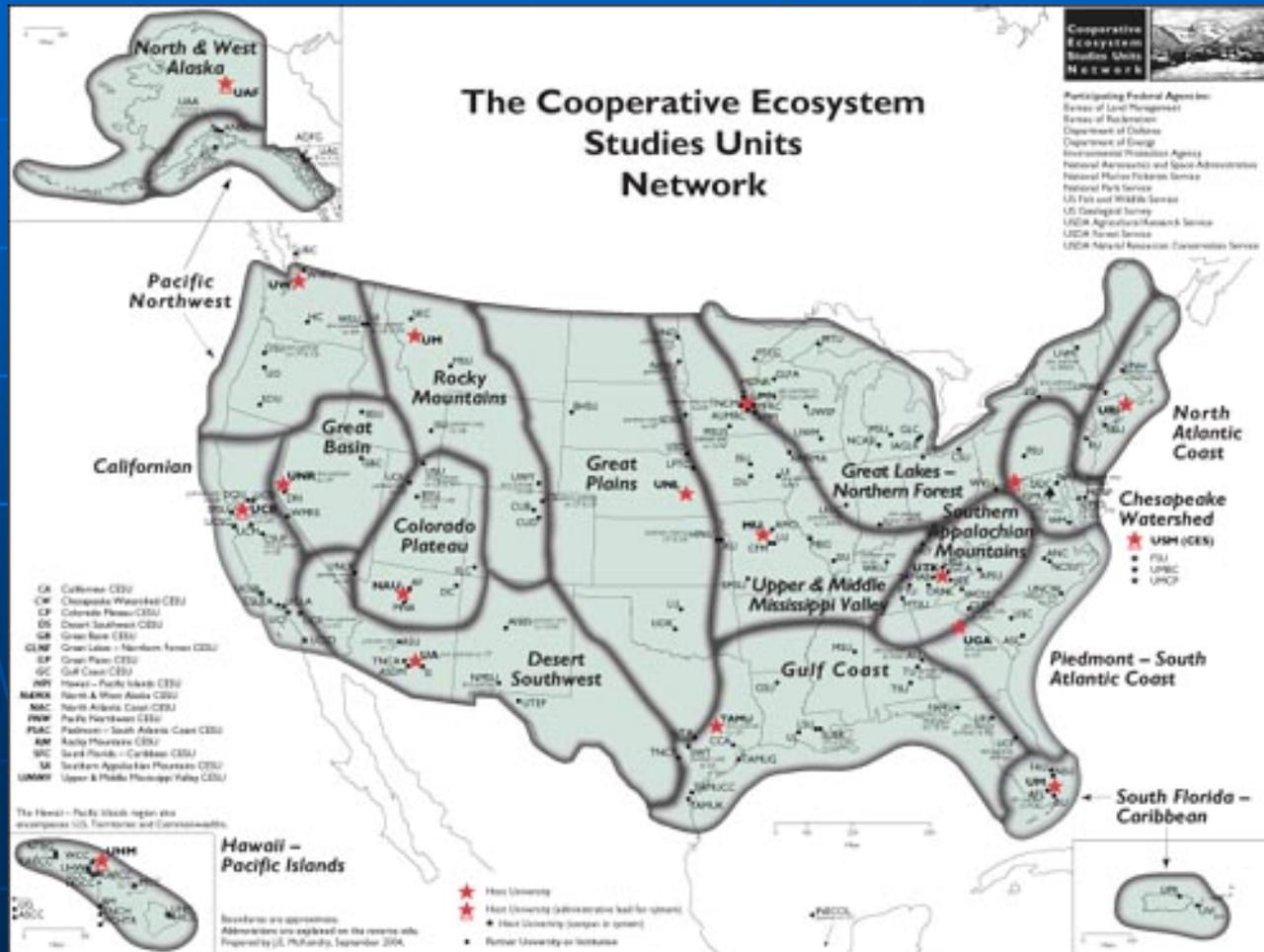


Cooperative Ecosystem Studies

Unit-CESU

<http://www.cesu.org>



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
157 Clark Hall Annex
P.O. Box 6301
Morgantown, WV 26505
304-293-8232, ext. 6101
jon.hempel@mail.wvu.edu

(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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email: sheryl.kunickis@usda.gov

Signature: _____

Date: _____

Deputy Chief for Management
Dwight Holman
14th and Independence, SW, Room
5110-S
Washington, DC 20250
Phone 202-720-6297
Fax 202-720-2588

Signature: _____

Date: _____

Partner Signatures

Principal Investigator:
Timothy Warner, Ph.D.
Professor of Geography
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PO Box 6300
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Tim.warner@wvu.edu

Signature: _____

Date: _____

Grant Administrator:
Alan Martin, Director
Office of Sponsored Programs
886 Chestnut Ridge Road
PO Box 6845
Morgantown, WV 26506
Phone: 304.293.3998
Alan.martin@mail.wvu.edu

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)

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 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.