National Spatial Data Infrastructure
2004 Cooperative Agreements Program (CAP)
Project Information

The National Spatial Data Infrastructure (NSDI) represents a broad consortium of government agencies and non-government organizations that work together to promote more cost-effective production, ready availability, and greater utilization of geospatial data across a wide range of disciplines. The NSDI Cooperative Agreements Program (CAP) was established by the Federal Geographic Data Committee (FGDC) to help form partnerships among organizations to implement the NSDI. Since 1994 the FGDC has provided funding and assistance to over 500 organizations implementing the NSDI. The program's goal is to encourage resource-sharing projects through the use of technology, networking, and more efficient inter-organizational coordination. As a new approach, this year's CAP is jointly sponsored by the FGDC, Geospatial One-Stop and The National Map. These three programs are national geospatial programs with Federal leadership that share the common goal of building the NSDI. A total of approximately $1,500,000 was provided to 51 organizations in six funding categories.

For further information see the FGDC website at www.fgdc.gov; contact the FGDC Secretariat, c/o U.S. Geological Survey, 590 National Center, Reston, VA 20192; telephone 703-648-5513; fax 703-648-5755; or email dpainter@fgdc.gov.

● **Category 1: Metadata Implementation Assistance Projects**

Creating data about geospatial data (metadata) is an important first step in implementing the NSDI. These projects focus on acquiring the knowledge and experience to create and serve metadata for clearinghouse discovery. Up to $9,000 per project, 13 awards.

The Nature Conservancy
Anchorage, AK
Corinne Smith
gis.tnc.org

Alabama Natural Heritage Program
The Nature Conservatory
Montgomery, AL
Michael S. Barbour
www.alnhp.org

Gila County Public Works Division
Globe, Arizona
Thomas Homan
www.co.gila.az.us

PRBO Conservation Science
Stinson Beach, CA
Viola Toniolo
www.prbo.org

Western Illinois University
McDonough County GIS Center
Macomb, IL
Dr. Charles Ehlschaeger
www.wiu.edu/geography
www.wiu.edu/library

Region Five Development Commission (Region Five)
Staples, MN
Mary Harris
www.regionfive.org

Water Resources Center
Minnesota State University, Mankato
Mankato, Minnesota
Cecilia Berg
www.mnsu.edu
mrbdc.mnsu.edu

**National Center for Biodefense
Communications**
Jackson State University
Jackson, Mississippi
Elizabeth J. Matlack
ccaix.jsums.edu/~ncbc

**Center for Applied Geographic Information
Science**
University of North Carolina at Charlotte
Charlotte, NC
Paul Smith
www.uncc.edu

Sitting Bull College
Department of Natural Resources
Fort Yates, ND
Linda Hugelen
www.sittingbull.edu

**New Hampshire Department of Environmental
Services**
Concord, NH
Ellen d'Amico
www.des.state.nh.us

Navigation Research and Development Center
Applied Research Laboratory
Penn State University
Warminster, PA
Marvin B. May
www.arl.psu.edu/facilities.html

The Nature Conservancy, World Wide Office
Arlington, VA
Tyrone Guthrie
nature.org

● **Category 2: Metadata Trainer and Outreach Assistance**
These projects will extend metadata programs in providing resources and staff to other organizations in innovative approaches to the training, implementation, and service of metadata. Up to $30,000 per project, 10 awards.

University of Idaho Library
Moscow, Idaho
Lily Wai
www.insideidaho.org

**Maine Office of Geographic Information
Systems**
Augusta, Maine
Kate King
megis.maine.gov

Land Management Information Center
St. Paul, MN
Christopher Cialek
www.lmic.state.mn.us/chouse

Nature Serve
Arlington, VA
Lynn Kutner
www.natureserve.org

**Merriam-Powell Center for Environmental
Research**
Northern Arizona University
Flagstaff, AZ
Dr. Neil Cobb
www.mpcer.nau.edu

**California Geographic Information
Association**
Sacramento, CA
Mary Tsui
www.cgia.org

National Biological Information Organization
US Geological Survey
Reston, VA
Vivian Hutchison
www.nbii.org

Florida Fish and Wildlife Conservation Commission
Florida Marine Research Institute
St. Petersburg, FL
Jill Trubey
www.myfwc.com

Iowa Geographic Information Council
Creston, IA
Alan Jensen
igic.gis.iastate.edu

Louisiana Geographic Information Center
Louisiana State University
Baton Rouge, LA
Craig Johnson
hlagic.lsu.edu

● **Category 3: Institution Building and Coordination**

Projects in this category will enhance multi-jurisdictional organizational and institutional capacity to collaborate and to share digital geographic resources. Sharing geographic information across organizations and jurisdictional boundaries requires reaching agreement on a wide-range of technical, political and financial factors. Adoption of national standards lowers cost and facilitates participation in national programs such as Geospatial One-stop and *the National Map*. Up to $15,000 per project, 13 awards.

East Central Florida Regional Planning Council
Maitland, FL
Mark Sievers
www.ecfrpc.org
www.cfgis.org

Sonoma Ecology Center
Sonoma, CA
Deanne DiPietro
www.sonomaecologycenter.org
ceres.ca.gov

Metropolitan Area Planning Council
Boston, MA
Holly St. Clair
www.mapc.org

Maine Office of GIS
Augusta, ME
Dan Walters
megis.maine.gov

Centralina Council of Governments
Charlotte, NC
Bob Henderson
www.centralina.org

NYPIRG's Community Mapping Assistance Project on behalf of OASIS
New York, NY
Steven Romalewski
www.oasisnyc.net

University of Oregon-
Community Service Center: Oregon Natural Hazard Workgroup
Eugene, OR
Andre LeDue
www.uoregon.edu/~onhw

Pennsylvania Mapping and Geographic Information Consortium
Lewisburg, PA
Chris Markel
www.pamagic.org

Wisconsin Department of Administration
Division of Enterprise Technology
Madison, WI
Anne Iwata
www.doa.state.wi.us/det/index.asp

California Geographic Information Association
Sacramento, CA
Bruce Joffe
www.cgia.org

City Connect Detroit
Detroit, MI
Geneva J. Williams
www.cityconnectdetroit.org

Arkansas Geographic Information Office
Little Rock, Arkansas
Richie Pierce
www.gis.state.ar.us

Bi-State Regional Commission
Rock Island, IL
Lisa J. Miller
www.bistateonline.org

● **Category 4: OpenGIS Web Mapping**
Projects will extend existing clearinghouse nodes serving metadata, to implement OpenGIS compliant web mapping service capabilities. Web mapping allows the graphic integration of data from different web sites and from different vendor platforms. $10,000 for each project.

Tennessee Valley Authority
Chattanooga, TN
Patricia Hamlett
www.tva.gov

Strategic Consulting International
Tulsa, OK
David Lowther
www.scigis.com

● **Category 5: Establishing Framework Data Services using OpenGIS Web Feature Service Specification**
Projects will serve and use Framework data over the web using the OpenGIS Web Feature Service specification. Projects involve the collaboration of a data provider and a software provider. Web feature service will allow the return of ANSI/INCITS L1 feature data from a web request. Up to $75,000 per project, 6 awards.

Vermont Center for Geographic Information, Inc.
Waterbury, VT
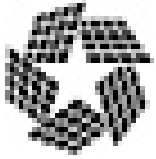David Brotzman
www.vcgi.org

Minnesota Department of Natural Resources
Division of Fish and Wildlife
Saint Paul, MN
Robert Maki
www.dnr.state.mn.us

Center for International Earth Science Information Network
Columbia University
New York, NY
Dr. Robert Chen
www.ciesin.columbia.edu

Wisconsin State Cartographer's Office
Madison, WI
Ted Koch
sco.wisc.edu
wisclinc.state.wi.us

University of Arkansas
Center for Advanced Spatial Technologies
Fayetteville, AR
Fredrick Limp
www.rsspinfo.uark.edu

GeoLeaders, LLC
Lake Ridge, VA
Jeff Harrison
www.geoleaders.com

The National Map

- **Category 6: Participation in *The National Map***

This category provides assistance to organizations that are maintaining, updating and serving data in order to participate in *The National Map*. Project participants will overcome impediments to participation or take the next steps in establishing a long-term collaboration with *The National Map.* Up to $75,000 per project, 8 awards.

Towson University
Center for Geographic Information Science
Towson, MD
John Morgan
cgis.towson.edu/

University of Missouri
Geographic Resources Center
Missouri Spatial Data Information Service
Columbia, MO
Timothy Haithcoat
msdisweb.missouri.edu/
msdis.missouri.edu/grc/

Nebraska Department of Natural Resources
Lincoln, NE
Rex Gittins
www.dnr.state.ne.us/databank/spat.html

New Jersey Office of Information Technology
Office of GIS
Trenton, NJ
Bruce Harrison
njgin.nj.gov

Land of Sky Regional Council
Asheville, NC
Jon Beck
www.landofsky.org/

Texas Natural Resources Information System
Texas Water Development Board
Austin, TX
Miguel Pavon
www.tnris.state.tx.us

Washington State Dept. of Transportation
Geographic Services Division
Tumwater, WA
Tami Griffin
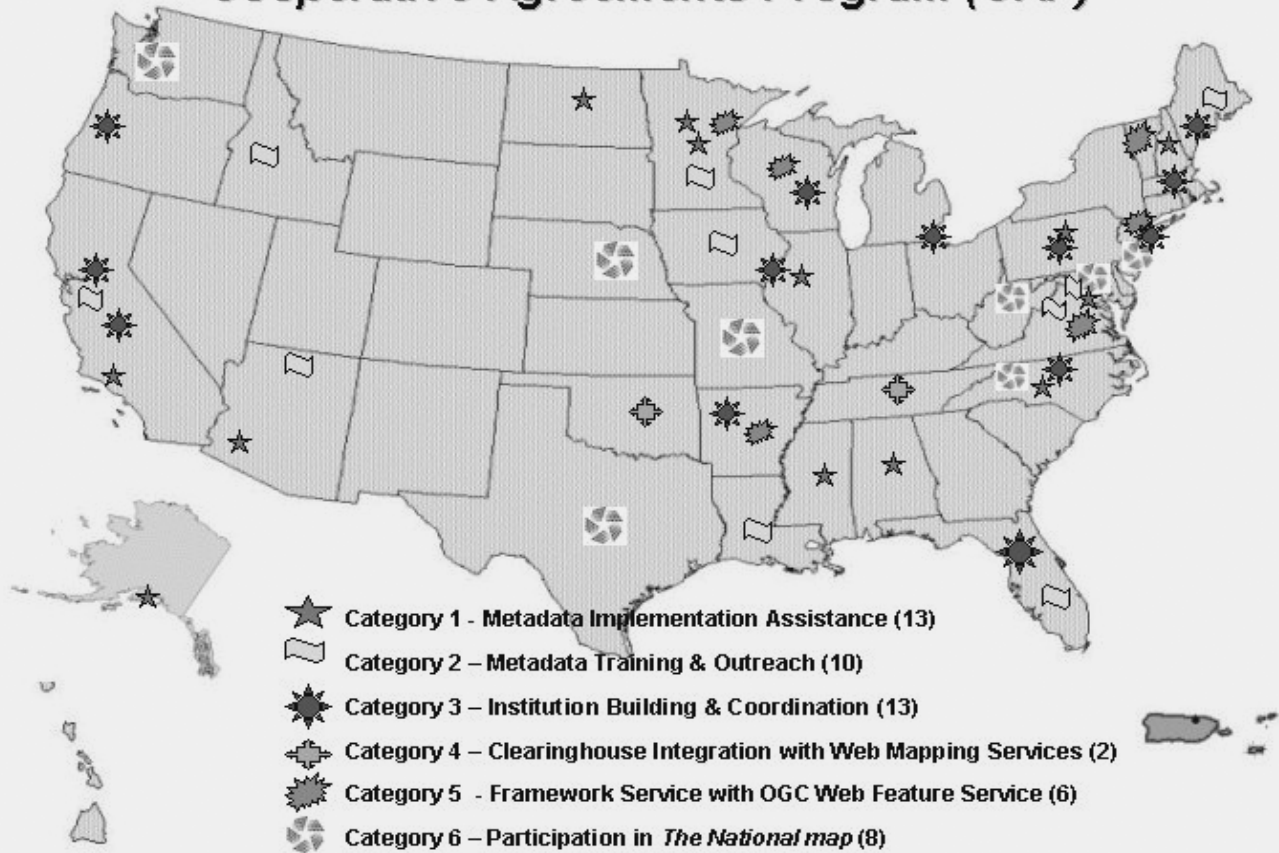www.wsdot.wa.gov/mapsdata/transframewor
k/default.htm

West Virginia GIS Technical Center
West Virginia University
Morgantown, WV
Kurt Donaldson
wvgis.wvu.edu/

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★ Category 1 - Metadata Implementation Assistance (13)
▱ Category 2 – Metadata Training & Outreach (10)
✴ Category 3 – Institution Building & Coordination (13)
⬖ Category 4 – Clearinghouse Integration with Web Mapping Services (2)
✺ Category 5 - Framework Service with OGC Web Feature Service (6)
✾ Category 6 – Participation in *The National map* (8)

geodata.gov *Geospatial One-Stop*
U.S. Maps & Data

FederalGeographicDataCommittee **fgdc**

www.fgdc.gov

2005 NSDI CAP Program

Watch the FGDC website for the 2005 CAP announcement planned for late fall 2004. The application package and submission will be accessible on-line through a link at the FGDC website or by directly visiting the Grants.Gov website and by searching on "NSDI".