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.

The FGDC sponsors the CAP to promote the technologies, standards, best practices and organizational collaboration vital to data integration, partnerships for data investment and speedy delivery of geospatial products to support government. Since 1994 the CAP has provided funding and assistance to over 600 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. For the 2010 CAP over $1,158,000 was provided to 26 organizations in seven funding categories.

**CATEGORY 1: Metadata Trainer and Outreach Assistance** provides assistance to organizations with NSDI expertise knowledge and experience in assisting other organizations with the training and implementation of metadata. The projects listed are funded up to $25,000 each.

- **DC Metro Metadata Dissemination**
  Westat, Inc.
  Rockville, MD

- **Hit the Ground Running with Metadata Training and Support for West Virginia**
  Marshall University
  Huntington, WV

- **Metadata for OGC-based Geospatial Services**
  National Association of Regional Councils
  Washington, DC

- **Champaign County Regional Planning Commission Metadata Training and Outreach**
  Champaign County Regional Planning Commission
  Champaign, IL

**CATEGORY 2: Framework Data Exchange through Automated Geo-Synchronization** projects promote and facilitate the exchange of standardized framework data between state and national data stores through a synchronization service that uses common data models and services and addresses the governance challenges required to enable automated data exchange. The projects listed are funded up to $50,000 each.

- **Indiana High and Local-Resolution NHD Update Geo-Synchronization**
  Indiana Geographic Information Council, Inc.
  Indianapolis, IN

- **Coordinating Local, State, and National Data Stores**
  Arkansas Geographic Information Office in partnership with The Carbon Project
  Little Rock, AR

- **New Hampshire NHD Geo-Synchronization**
  New Hampshire Geological Survey in partnership with CubeWerx USA
  Concord, NH

**CATEGORY 3: Fifty States Initiative** develops and implements statewide strategic and business plans that will facilitate the coordination of programs, policies, technologies, and resources that enable the coordination, collection, documentation, discovery, distribution, exchange and maintenance of geospatial information in support of the NSDI and the objectives of the Fifty States Initiative Action Plan. The states listed are funded up to $50,000 each.

- **Alabama**
- **Alaska**
- **Massachusetts**
- **Mississippi**
- **Ohio**

**CATEGORY 4: Fifty States Initiative: Business Plan Development and Implementation**
Projects develop and implement statewide business plans that will facilitate the alignment of federal agencies with statewide geospatial planning activities that advance the NSDI. The states/district listed are funded up to $30,000 each.

District of Columbia
Hawaii
Idaho
Maine
New York

CATEGORY 5: Return on Investment (ROI) Methodology and Business Case Development for Multi-agency NSDI Projects enables the development of the financial business cases for collaborative spatial data infrastructure projects to gain a better understanding of the cost and more importantly the benefits of spatial data infrastructure projects. The project listed is funded up to $50,000 each.

Measuring Public Value of Geospatial Commons: A MetroGIS Case Study
Metropolitan Council
St. Paul, MN

Building a Business Case for Shared Geospatial Data and Services to Support Transportation Planning in North Carolina
North Carolina Office of the State Chief Information Officer
Raleigh, NC

A Return on Investment Case Study of Iowa One Map
Iowa Geographic Information Council
Ames, IA

CATEGORY 6 FGDC-Endorsed Standards Development and Implementation Assistance and Outreach

PART 1: This project enables the funded organization to assist in the development of and/or implementation of standards in the FGDC standards program. The project listed is funded up to $25,000.

ASWM Outreach and Training for FGDC Wetland Mapping Standard
The Association of State Wetland Managers, Inc. Windham, ME

PART 2: The focus of this project is on the Geospatial Data Model (GDM). The GDM was developed to support geospatial interoperability and information sharing among federal, state and local entities. To promote the adoption of the GDM as a standard across the homeland security community this cooperative agreement will allow users to transition their existing model into a GDM conformant data model or use the GDM to implement a standards based model as the basis for sharing data. The project listed is funded up to $50,000.

Enhancement of the Geospatial Data Model Adoption for Emergency Response
California Emergency Management Agency
Mather, CA
Amount: $50,000

CATEGORY 7: Demonstration of Geospatial Data Partnerships Across Local, State, Tribal and Federal Government projects will support the continued development and documentation of partnerships and processes to implement a nested approach for one or more data themes of NSDI using The National Map. The four projects listed are funded up to $75,000 each.

Minnesota Local Government Boundaries -- An Initiative to Support the National Map and NSDI
Minnesota Geospatial Information Office
St Paul, MN

Taking It to the Next Level: NCStreetMap 2.0 Local to State Transformational Data Exchange
Eastern Carolina Council of Governments
New Bern, NC

Building and Maintaining a Map of Locations for Structures with Addresses
Executive Office of Energy & Environmental Affairs-MassGIS
Boston, MA

Implementing Best Practices for Road Centerline Data Sharing in Oregon
State of Oregon
Salem, OR

The 2011 NSDI CAP announcement and application materials will be accessible from www.grants.gov in the Fall of 2010. For more information about NSDI CAP activities and grant opportunities, please visit: http://www.fgdc.gov/grants or contact Brigitta Urban-Mathieux, NSDI CAP Coordinator, 703-648-5175, burbanma@usgs.gov.