

## Mission

The National Cartography and Geospatial Center provides the Natural Resources Conservation Service with technical leadership and expertise in the areas of cartography, aerial photography, remote sensing, imagery, natural resources data, geospatial technology, National Resources Inventory and Soil Survey.

## Vision

The National Cartography and Geospatial Center supports the mission of Natural Resources Conservation Service by developing effective applications of geospatial technologies—*Enabling Today's Conservation Using Tomorrow's Technology.*

## Key Services

- Serve as the Natural Resources Conservation Service (NRCS) Geospatial Data Warehouse (GDW) to acquire, integrate, distribute, and assist in the review and certification of geospatial data (SSURGO, STATSGO, Hydrologic Units, LIDAR, seamless DRGs by UTM zones) and imagery
- Provide geospatial data provisioning services, such as Web map applications, in support of NRCS business solutions (Customer Service Toolkit, Resource Data Gateway, NRI Data Mart, and Remote Sensing Toolkit)
- Develop Geographic Information System (GIS), Global Positioning System (GPS), and Remote Sensing (RS) methodologies for land use analysis, resource analysis monitoring, and disaster analysis
- Support the National Resources Inventory (NRI) program in data collection, analyses, use, quality assurance, and remote sensing
- Support the National Cooperative Soil Survey program and development of Web Soil Survey publications
- Provide support for the production of NRCS technical and administrative documents and publications
- Partner with states in Mobile Resource Inventory and Assessment Tools Integration
- Provide training in GIS, GPS, NRI, remote sensing, and digital soils
- Serve as an ESRI-Authorized training partner with seven ESRI-Authorized trainers
- Provide technology tools, training, and knowledge transfer to NRCS state GIS specialists
- Evaluate and introduce innovative technology—GIS/GPS and inventory tools, develop and maintain archives of automation scripts, and provide mobile business solutions

- Provide NRI and ESRI Helpdesk services
- Partner on the SSURGO initiative
- Partner on Digital Map Finishing initiative
- Provide support and technical leadership for the SRITB
- Develop and advocate an effective Elevation Data strategy for NRCS business applications

## Improving Customer Service

Ordering of NCGC products and services by NRCS customers is made easier via the NCGC Ordering System (NCGCOS) available at <http://www.ftw.nrcs.usda.gov/ngccos>.

## 70 Years of Continuous Service

The Fort Worth Cartography Unit began operations on September 30, 1935, to provide cartographic services to 6,622 Soil Conservation Service personnel and to support 147 ongoing demonstration projects. Over time, the Fort Worth Cartographic Unit continued to change to meet agency needs. In 1982, all cartographic services were consolidated in Fort Worth and the Unit was changed to the National Cartography Center (NCG). Over the next decade, NCG would foster new technologies like Remote Sensing, GIS, and GPS, leading to a name change to the National Cartography and Geospatial Center (NCGC), intrinsically linking historic cartographic development of the past with the emergence of geospatial technologies. Recognized as a prime leader in cartographic and geospatial technology, training, and application development, NCGC is poised for a bright future of service to NRCS.

## NCGC 2007 Business Plan

The 2007 business plan focuses on the three core business areas of NCGC and is linked and in line with the National NRCS business and strategic plans.

### Geospatial Data

NCGC is responsible for the acquisition, management, distribution, and utilization of geospatial data for developing and supporting geospatial applications.

### Geospatial Technology

NCGC is responsible for the development, implementation, and support of Cartography, Remote Sensing, Geographic Information Systems, and Global Navigation Satellite Systems.

### Geospatial Services

NCGC provides geospatial products and services to NRCS internal and external customers, designed to provide the geospatial solution the customer needs.

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