



GIS Partners

Sharing the Challenges of Stewardship through Geographic Information Systems

The NPS GIS Program and GIS Division (GISD) work with many Partners to provide collaborative support to NPS Programs and GIS community, including data acquisition, technical support, information services, and data distribution. Via internal and external partnerships, the GIS Program works cooperatively to provide cost-effective services and support with limited resources. Partnership support is invaluable for NPS GIS and several ongoing endeavors are described below.

External Partners

Environmental Systems Research Institute

NPS GIS and ESRI are currently collaborating to host an International National Parks Track at the 2006 ESRI International Conference in San Diego next summer. Previously, NPS GIS and ESRI partnered the popular map book "Mapping the Future of America's National Parks" (ESRI Press, 2003, with full technical articles at <http://www.nps.gov/gis/mapbook/>). Other past projects include joint presentations at past ESRI International and Federal conferences, NPS GIS conferences, as well as training and technical events.

National Geographic Society (NGS)

The NPS and NGS have a long-term relationship stemming from National Geographic Magazine's landmark feature of Yellowstone in 1912. Current projects center on data sharing and standardization, including: Topo! data for <http://maps.nps.gov/> and the new Incident Management, Analysis, and Reporting System and the Intermountain Region's Route 66 ArcIMS projects. In addition to working with NPS GIS, the NGS partners with several NPS programs to share information and resources.

DOI and USGS

The NPS, DOI, and USGS also have a long and productive relationship. Current projects include: Enterprise Geographic Information Management (<http://www.nps.gov/gis/egim/>), data sharing, standards, and distribution via the Geospatial



SRC & GISD partnered to survey the remains of a ship that archaeologists think is the North Alabama that are exposed in the Missouri River, uncovered for the first time in 75 years.

OneStop (<http://www.geodata.gov/gos>).

Internal Partners

Facilities Management (FM)

NPS GIS and FM are working on a data standard for buildings which allows multiple building data sources to be related together. NPS GIS is assisting FM with collection of building footprint data. Also, GISD hosts information services and a contractor to assist FM with data management.

Land Resources Division

NPS GIS and Lands work cooperatively to produce and deliver the comprehensive NPS boundary data layer both internally to NPS users (<http://science.nature.nps.gov/nrdata>) and externally to others via the Geospatial OneStop (<http://www.geodata.gov/gos>) and the BLM National Integrated Lands System (NILS).

Natural Resources (NR)

The NPS and NR GIS programs have a long and fruitful partnership. NR GIS manages GIS data acquisition and archiving for the Inventory and Monitoring (I&M) Program, which sponsors the NR and GIS Data Store System (<http://science.nature.nps.gov/nrdata>) that provides metadata and data services to data

managers and GIS users throughout the NPS.

Both Natural and Cultural Resource programs provide valuable GIS support to resource managers throughout the NPS.

Submerged Resources Center (SRC)

The SRC core mission is to inventory and evaluate submerged resources in the NPS and to assist other agencies, nationally and internationally, with underwater heritage resource issues. GISD provides technical assistance and advice to the SRC during field and office GIS operations.

Trails

GISD and the National Trails System Office (Trails) are working with the Interagency Trails Data Standards (ITDS) workgroup (<http://www.nps.gov/gis/trails/>). Current projects include assisting Trails personnel with data management planning and creating a trails GIS layer standard, final development of the ITDS, and an interagency pilot project testing ITDS concepts in the Greater Yellowstone Area.

GISD coordinates partnerships for the NPS GIS Program.