



Spatially Speaking

FGDC Monthly Update

VOLUME 2, ISSUE 2

FEBRUARY 2008

UPCOMING EVENTS

- FGDC Coordination Group Meeting– National** Feb 12
- ESRI Federal Users Conference** Feb 20-22
- GSDI –10 St. Augustine** Feb 25-29
- FGDC Standards Working Group Washington DC** Feb 27

U.S. - Mexico Border Environmental Health Initiative

The USGS and the Mexican Institute of Geography, Census, and Statistics (INEGI) sign project annex for public data sharing: This annex between USGS and INEGI allows the public release of binational harmonized geospatial datasets along the U.S.-Mexico border by way of the Internet under the umbrella of the U.S. Geological Survey (USGS) U.S.-Mexico Border Environmental Health Initiative (BEHI). Public access increases the value of the data as researchers will have a consistent geographic information database to compare model and analysis results to analyze changes and predict scenarios for the future. These geospatial datasets are available at various scales and can be downloaded from the BEHI data download page at <http://borderhealth.cr.usgs.gov/datalayers.html>. The multidisciplinary BEHI describes, documents, and depicts environmental quality along the U.S.-Mexico border to facilitate scientific analysis of the effects of rapid population growth on the environment, including water quality and water quantity, air quality, ground pollutants, and vulnerability to disasters.

The BEHI site at <http://borderhealth.cr.usgs.gov> includes an Internet Map Service, data download page, current status maps of data holdings, and documented methodology for harmonizing scientific datasets at various scales across international borders. The BEHI initiative includes collaboration between U.S. and Mexican government agencies, such as INEGI, Mexico's Secretary of the Environment and Natural Resources (SEMARNAT), International Boundary and Water Commission, U.S. Department of Housing and Urban Development, U.S. Bureau of Census, Environmental Protection Agency, Pan American Health Organization, and Southwest Consortium of Environmental Research and Policy. Another goal of the BEHI initiative is to foster and support the use of these integrated datasets to examine and analyze the linkages between human health and environmental health. (Jean Parcher, jwparcher@usgs.gov, 512 927-3523)



For more information on FGDC events view the calendar at:

<http://www.fgdc.gov/calendar>

View the FGDC website at: www.fgdc.gov

"Spatially Speaking" is designed to provide updates on the activities of the FGDC. Subcommittees, workgroups, and other FGDC participants are urged to submit updates to Pat Phillips pphilips@fgdc.gov by the 20th of each month.

The USGS NBII Wildlife Disease Information Node (WDIN)

NBII is pleased to announce the release of a new map tool, the Global Wildlife Disease News Map, <http://wildlifedisease.nbii.gov/wdinNewsDigestMap.jsp>. Articles posted to the Wildlife Disease News Digest, <http://wdin.blogspot.com>, in the previous 45 days are displayed on a map based on their geographical location. This allows readers to see the news happening both in their area and worldwide. In addition, the map offers a number of features including limiting the news on the map to a specific disease or zooming in on an area of particular interest to show news for that region. The map changes each day as fresh news content is added. For more information, contact Cris Marsh cmarsh@usgs.gov or Megan Hines mhines@usgs.gov

Department of Homeland Security Geospatial Data Model (Version 2.0) Review

The Department of Homeland Security (DHS), Office of the Chief Information Officer (OCIO), Geospatial Management Office (GMO) has developed this DHS Geospatial Data Model (DHS GDM) in support of urgent DHS mission requirements. This DHS GDM is a standards based, logical data model to be used for collection, discovery, storage, and sharing of homeland security geospatial data. The model will support development of the Department's services-based geospatial architecture, and will serve as an extract, transform, and load (ETL) template for content aggregation.

DHS allies who have an interest in supporting this model are encouraged to review this DHS GDM and provide comments to the FGDC Homeland Security Working Group. This data model is being constructed in phases. As new versions of the model are delivered, associated documentation will be made available through the FGDC website. Please provide review comments by following instructions on www.fgdc.gov

2007 NSDI CAP Award Recent Accomplishment

Western Upper Peninsula Planning and Development Region Map Viewer In April, 2007 Western Upper Peninsula Planning and Development Region (WUPPDR) was one of four agencies in the nation to receive a NSDI Cooperative Agreement Program award to assist the region in collecting regional geospatial data sets (i.e. information on roads, parcels, structures etc.) to host on *The National Map* and become part of the NSDI.

Established in 1968 the WUPPDR encompasses the western six counties of Upper Michigan including Baraga, Gogebic, Houghton, Iron, Keweenaw and Ontonagon. The purpose of this regional commission is to foster stable and diversified local economies within the region. The commission now has the capability to provide computer mapping services on a general area-wide basis, including but not limited to county base maps, land cover and specialized area maps at request. As a partner with the USGS on *The National Map*, WUPPDR's Geographic Information System (GIS) staff received technical and software support that enabled them to launch an online interactive map that serves the six county region. [See Figure on page 3]

The WUPPDR's GIS staff will be working with all local units of government in the region collecting public domain data to host on the interactive map. This will allow governmental units, communities, businesses, and tourists to view the data via the Internet and use for general planning purposes. Please contact [Ken Marshall, \(kmarshall@wuppdr.org\)](mailto:kmarshall@wuppdr.org) **GIS Specialist**, with any questions or for more information.



Western Upper Peninsula



Help

Tasks

Results

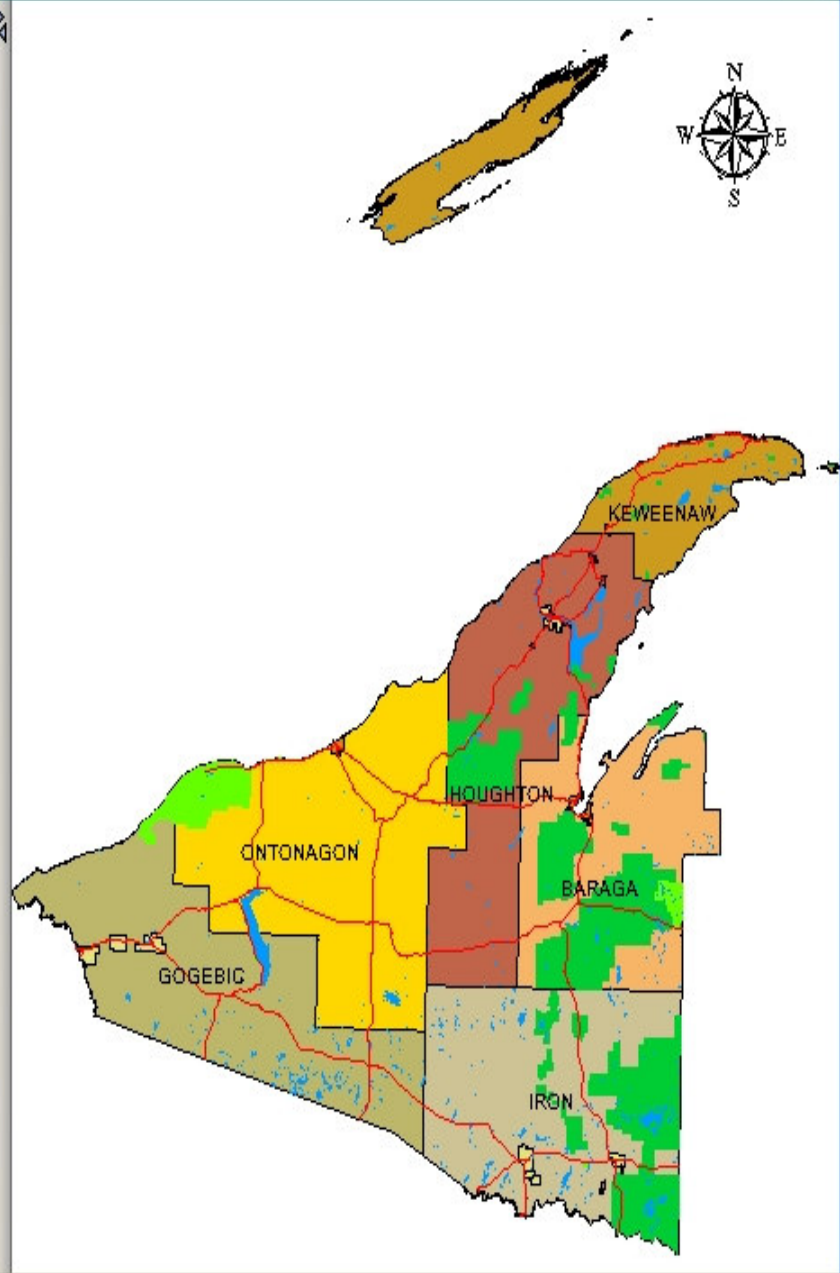
Result Details

Map Contents

- westernUP**
- Highway
- Local Roads
- Rivers and Streams
- Lake and Ponds
- Wakefield Parcels
- Village
- City
- Townships
- Town and Range
- Sections
- State Parks Administrative Boundary
- State Forest Administrative Boundary
- Wilderness Area
- Forest Service Ownership
- County Boundaries
 - NAME
 - BARAGA
 - GOGEBIC
 - HOUGHTON
 - IRON
 - KEWEENAW
 - ONTONAGON

Navigation

Map Overview



Visit 3-D Southwest Native American History

The USGS, in cooperation with the Library of Congress has a new publically available Native American history website containing information and 3-D images from the geological and geographical surveys west to the 100th Meridian in the early 1870s, including John Wesley Powell's Colorado River surveys. These surveys collected facts related to the area's topography and mineral resources, resident Native Americans, and settlement and economic development. The website uses the Library of Congress' original stereo photographs of southwestern Native Americans from 1871-1875 featuring historic images of the Apache, Mohave, Navajo, Paiute, Ute, Zuni, and other southwestern bands and tribes along the Colorado River. Additionally, take a virtual hike or raft trip to the bottom of the Grand Canyon or visit in 3-D the geology of our National Parks. For more information, visit <http://3dparks.wr.usgs.gov/indians>.



"Indian Boy and his Dog."(2nd version) Indians of the Colorado Valley Series. No. 100. "U-IN-TA UTES. Living in the U-in-ta Valley, on the Western Slope of the Wasatch Mountains, in Utah." U.S. Topographical and Geological Survey of the Colorado River of the West. By J.W. Powell and H.H. Thompson. Photographed by John K. Hillers. Library of Congress, Photo Archive image ID 1s01639v.jpg

What's Happening