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National Geological and Geophysical Data Preservation Program

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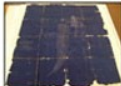
Preservation of geoscience data and materials in the United States is currently the responsibility of a set of disparate facilities and programs. There are no national standards, procedures, and protocols for the collections and minimal coordination between responsible parties. Although some collection facilities are excellent, more commonly, data and materials reside in inadequately cataloged, overfilled, and disorganized storage areas that were not designed as data repositories. Many Federal and State geological repositories are at or near capacity and are unable to accept additional materials.

The Energy Policy Act of 2005 ([Public Law 109-58](#), Sec. 351) established the NGDPP in the U.S. Geological Survey (USGS) and outlined the following goals:

- Archive geological, geophysical, and engineering data, maps, well logs, and samples
- Provide a national catalog of archived materials
- Provide technical and financial assistance to State geological surveys and relevant Department of the Interior (DOI) bureaus for archived materials



Economic mine maps, folded and stored away for years—even decades, have degraded over time and are vulnerable to destruction and deterioration.



Restored maps provide information that can assist in land management planning and public safety. Without proper conservation and preservation, this valuable resource would be lost.



During the 2009 AASG/USGS Geoscience Data Preservation Techniques Workshop, participants were given a demonstration on how the IGS prepares degrading mine maps for preservation and digitization.

What's New?

FY12 Program Announcement G12AS20015

The FY 2012 National Geological and Geophysical Data Preservation Program Announcement was posted to www.grants.gov on March 13, 2012. The direct link to the announcement is:

[Announcement G12AS20015](#)

All proposals must be posted to www.grants.gov before 6:00PM EDT, May 21, 2012.

In FY 2012, NGDPP Program Priorities are:

1. Inventory collections of geological or geophysical data,
2. Create metadata for individual items in data collections,
3. Create or update digital infrastructure, including data migration to assure data are not lost due to recording media degradation or changing data recording formats or programs, and
4. Rescue data at risk.