

## Pennsylvania Mine Map Grant Program

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**Abstract:** Pennsylvania's Department of Environmental Protection (PA DEP) has awarded \$1.65 million in the Mine Map Grant Program to seven recipients, including six of the state's universities. The Mine Map Grant Program provides funding to learning institutions and incorporated non-profit organizations to process mine maps and mine data into electronic formats that can be used in Geographic Information Systems (GIS) and other computer applications. The grant-funded projects will scan and inventory 26,900 maps, georeference 7,200 maps, and digitize/vectorize 3,100 maps. Once the maps are processed, they will be uploaded to the Pennsylvania Mine Map Atlas -- an online web map and FTP that allows users to search for, view, and download mine maps. The projects funded by the Mine Map Grant Program will enhance the quality, quantity, and delivery of mining information to the millions of residents living in Pennsylvania's mining regions. The grant program also gives learning institutions and non-profits the opportunity to train individuals in the use of the emerging geospatial technologies.

The PA DEP uses this created data in their day-to-day operations to increase efficiency and effectiveness. The maps have great value for PA's Mine Subsidence Insurance Program, oil and gas well drilling, public and private civil construction, and other various purposes.

The audience will be able to take away:

- Knowledge of what the PA DEP is doing to preserve this historic geographic data.
- Knowledge of the standards use by the PA DEP to create this data.
- Knowledge of the different resources the PA DEP provides to obtain this data.
- Ability to use online resources to search for underground mine mapping data in Pennsylvania.
- Knowledge of how the PA DEP uses this data to increase efficiency and effectiveness.

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