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# NCMGC

## National Coal Mining Geospatial Committee

A partnership between the U.S. Department of the Interior's Office of Surface Mining Reclamation and Enforcement (OSMRE) and the States authorized to administer the Surface Mining Control and Reclamation Act of 1977 (SMCRA).

### Purpose

The NCMGC was created and chartered to discover, review, and promote geospatial technology solutions for regulatory business processes in implementing Title 4 and Title 5 programs to fulfill the requirements of SMCRA. The Committee focuses on identifying and promoting geospatial technologies that increase the effectiveness and efficiencies of SMCRA organizations.

#### NCMGC Quick Facts:

- **Membership** – Represents the coal mining spatial data interests of the states participating in the Interstate Mining Compact Commission (IMCC), the National Association of Abandoned Mine Lands Programs (NAALMP), the Western Interstate Energy Board (WIEB), the three OSM regions, and OSM Headquarters.
- **SMCRA Geospatial Data Stewards** – NCMGC has a national network of approximately 41 Geospatial Data Stewards, one in each participating SMCRA organization, for national coordination.
- **Coal Mining Spatial Data Standards ASTM Task Group** – NCMGC established a team of volunteer experts from state and OSM to create voluntary standards for selected coal mining spatial data to facilitate information sharing between SMCRA organizations.
- **Coal Mining Spatial Infrastructure Team** – This NCMGC team successfully prototyped methods to share coal mining spatial data from multiple sources in real time through the Internet, winning a Special Achievement in GIS (SAG) award from ESRI in 2008.
- **Training** – Provides opportunities for SMCRA Geospatial Data Stewards to receive vendor training in building and implementing GIS to support SMCRA within their organization.
- **Public Outreach** – Presents at professional meetings of interest to SMCRA organizations.
- **Recruitment** – Meets with states, tribes, and OSM offices to encourage participation in NCMGC efforts.

#### SIGNIFICANT EVENTS

- **1st National Meeting of SMCRA Geospatial Data Stewards** – June 27, 2006. Denver, CO.
- **First TIPS Press Release** – November 20, 2006. OSM, Partners Working to Standardize Geospatial Coal Mine Mapping.
- **First Coal Surface Mining Boundary** – Approved ASTM International September 1, 2007. Adopted by SMCRA Geospatial Data Stewards March 26, 2008.
- **First Coal Underground Mining Boundary** – Adopted by SMCRA Geospatial Data Stewards March 26, 2008. Approved ASTM International April 1, 2008.
- **First Sharing of Coal Mining Spatial Data in Real Time through Internet** – February 1, 2008. Nearly 8,000 permit boundaries from 7 states digitally collected into a single spatial dataset in 5.5 minutes.
- **2nd National Meeting of SMCRA Geospatial Data Stewards** – March 26, 2008. OSM Geospatial Conference "Incorporating Geospatial Technologies into SMCRA Business Processes", Atlanta, GA.

#### FOR MORE INFORMATION

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<http://www.tips.osmre.gov/NCMGC/default.htm>