

# 2<sup>nd</sup> National Meeting of SMCRA Geospatial Data Stewards

National Coal Mining  
Geospatial Committee  
(NCMGC)

# NCMGC Conference Activities

- Business Meeting (this session)  
Formal presentations
- Working Session - 3:30-5:00 p.m.  
Interactive meeting with SMCRA  
Geospatial Data Stewards & managers  
Open to all conference attendees

# Business Meeting Agenda

8:15	NCMGC Chairman's Report – Bill Card
8:40	Coal Mining Spatial Data Standards ASTM Task Group – Tom Galya and Daniel Kestner
9:05	Recommended Coal Mining Spatial Datasets for Standards Development Title 5 – Larry Evan Title 4 – Doug Mullins
9:35	Coal Mining Spatial Infrastructure Progress Report – Alan Wilhelm

# NCMGC

## Chairman's Report

Bill Card  
March 26, 2008

# NCMGC

- Formed September 13, 2005
- Goal is to promote development of geospatial technology to support SMCRA
- Funded through TIPS
- Sponsor is Chief, Technology Management Division

# NCMGC Membership

<b>Member</b>	<b>Organization</b>	<b>Representing</b>
Bill Card, Chairman	OSM Knoxville Field Office	OSM Appalachian Region
Larry Evans	West Virginia Department of Environmental Protection	Interstate Mining Compact Commission (IMCC)
Kwang Kim	OSM Mid-Continent Regional Office	OSM Mid-Continent Region
Doug Mullins	Virginia Department of Mines, Minerals & Energy	National Association of Abandoned Mine Land Programs (NAAMLPL)
Alan Wilhelm	OSM Western Regional Office	OSM Western Region
(vacant)	(western region state)	Western Interstate Energy Board (WIEB)
(vacant)	OSM Headquarters	OSM Headquarters

# FY 07 Accomplishments

- Coal Mining Spatial Data Standards ASTM Task Group – 3 meetings
- Coal Mining Spatial Infrastructure Team – testing
- Training Program – 23 classes
- Public Outreach Program – 5 events
- Recruitment Program – AL, IN, OK
- Annual Meeting
- Briefings to Management

# FY 07 Training Program

Course Title	Students	Recipients
Introduction to ArcGIS Server	8	IN, MCR, VA (2), KFO (2), WV (2)
ArcGIS Server Enterprise Configuration and Tuning for SQL Server	4	CO, KFO, MCR, WV
Developing Applications with ArcGIS Server Using the Microsoft .NET Framework	3	VA (2), WV
Managing Editing Workflows in a Multi-user Geodatabase	3	CO, KFO, VA
Introduction to Microsoft SQL Server 2005	3	IN, MD (2)
QA/QC for GIS Data	1	OK
Programming SQL Server 2000 Database	1	IN

Total = 23, Average training cost per student = \$2,285

# FY 07 Public Outreach

Function	Presenter	Date
TIPS Steering Committee meeting	Bill Card	April 9, 2007
Mine Drainage Task Force Symposium, Morgantown, WV	Larry Evans	April 10, 2007
IMCC Coal Committee, Indianapolis, IN	Bill Card (for Evans)	May 1, 2007
ASMR Conference, Gillette, WY	Bill Card	June 6, 2007
TIPS National Team meeting, Kansas City, MO	Bill Card	July 17, 2007
WIEB Reclamation Committee Annual Meeting		Not Scheduled
NASLR, Asheville, NC	Unable to attend	September 9-12, 2007
NAAML 2007 Annual Conference, Bloomington, IN	Unable to attend	October 7-10, 2007

# FY 08 Activities

- Coal Mining Spatial Data Standards ASTM Task Group – 2 meetings
- Coal Mining Spatial Infrastructure Team – Phase 2
- Training Program
- Recruitment Program
- Public Outreach Program
- Small SMCRA Programs Assistance
- 2<sup>nd</sup> National Meeting of SMCRA Geospatial Data Stewards – (this conference)
- Coordination with MSHA - April
- Annual Meeting
- Briefings to Management

# Small SMCRA Programs Assistance

- Onsite Geospatial Technical Assistance
- Offsite Visits by SRA's to Operational Sites

# Coordination with MSHA

- Possible Meeting in April, 2008
- Meeting Location- Bruceton, PA
- First Meeting
- MSHA may have interests in electronic:
  - Underground Roof Control Plans
  - Underground Ventilation Plans
- SMCRA Organizations May Benefit

# NCMGC Public Website



The screenshot shows the NCMGC Public Website interface. At the top left is the TIPS logo (Technical Innovation and Professional Services) with the text "U.S. Dept of the Interior, Office of Surface Mining Reclamation & Enforcement". To the right of the logo is the text "Technical Innovation and Professional Services" and "U.S. Dept of the Interior, Office of Surface Mining Reclamation & Enforcement". In the top right corner, there are links for "Home", "Site Map", and "Search". The main content area is divided into three columns. The left column contains a navigation menu with sections: "Home", "About TIPS" (with sub-links: Charter, TIPS Background, TIPS Meetings, Steering Committee, Affiliates), "Software / Hardware" (with sub-links: Core Software/Hardware, Mobile Computing, Downloads), "Get Help" (with sub-links: Software Experts, Equipment Experts, Hardware Requirements, Hotline), and "Training" (with sub-links: TIPS, NTPP). The middle column features the "National Coal Mining Geospatial Committee (NCMGC)" section, including a "Purpose" paragraph: "The National Coal Mining Geospatial Committee (NCMGC) is chartered to identify and promote geospatial technology solutions for regulatory business processes in implementing Title 4 and Title 5 programs to fulfill the requirements of the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The Committee focuses on identifying and promoting geospatial technologies that increase the effectiveness and efficiencies of organizations working on SMCRA-related projects on a national scale." The right column contains a box titled "NCMGC Website" with a list of links: "Home", "Meetings", "Teams", "Downloads", and "Members".

**Technical Innovation and Professional Services**  
U.S. Dept of the Interior, Office of Surface Mining  
Reclamation & Enforcement

[Home](#) | [Site Map](#) | [Search](#)

**Home**

**About TIPS**

- Charter
- TIPS Background
- TIPS Meetings
- Steering Committee
- Affiliates

**Software / Hardware**

- Core Software/Hardware
- Mobile Computing
- Downloads

**Get Help**

- Software Experts
- Equipment Experts
- Hardware Requirements
- Hotline

**Training**

- TIPS
- NTPP

## National Coal Mining Geospatial Committee

(NCMGC)

### Purpose

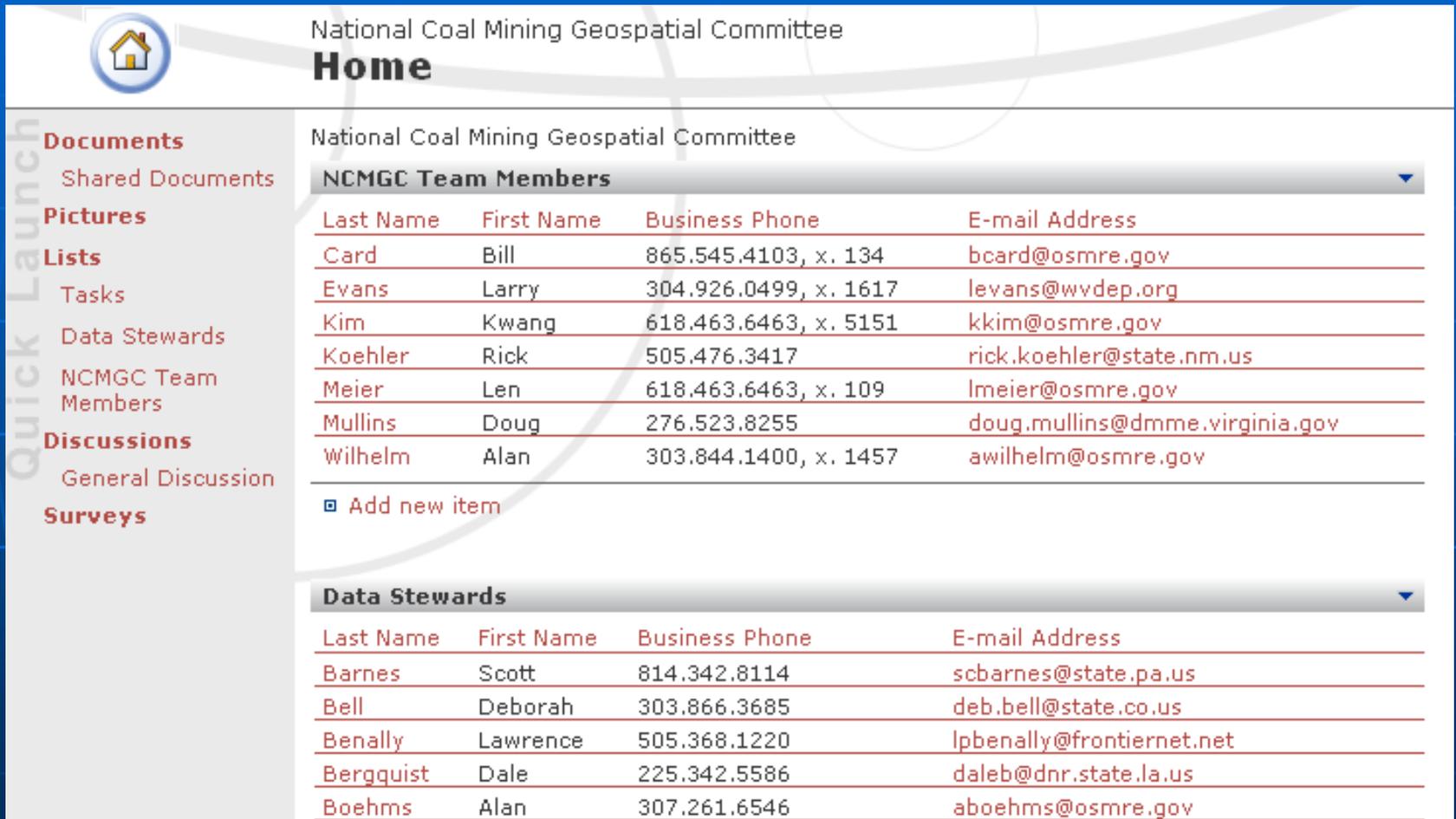
The National Coal Mining Geospatial Committee (NCMGC) is chartered to identify and promote geospatial technology solutions for regulatory business processes in implementing Title 4 and Title 5 programs to fulfill the requirements of the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The Committee focuses on identifying and promoting geospatial technologies that increase the effectiveness and efficiencies of organizations working on SMCRA-related projects on a national scale.

### NCMGC Website

- [Home](#)
- [Meetings](#)
- [Teams](#)
- [Downloads](#)
- [Members](#)

<http://www.tips.osmre.gov/ncmgc/>

# NCMGC SharePoint Website



The screenshot shows the SharePoint home page for the National Coal Mining Geospatial Committee. The page features a navigation sidebar on the left with sections for Documents, Pictures, Lists, Discussions, and Surveys. The main content area displays a table of NCMGC Team Members and a section for Data Stewards, both with columns for Last Name, First Name, Business Phone, and E-mail Address.

**Documents**  
Shared Documents

**Pictures**

**Lists**  
Tasks  
Data Stewards  
NCMGC Team Members

**Discussions**  
General Discussion

**Surveys**

National Coal Mining Geospatial Committee  
**Home**

National Coal Mining Geospatial Committee  
**NCMGC Team Members**

Last Name	First Name	Business Phone	E-mail Address
Card	Bill	865.545.4103, x. 134	bcard@osmre.gov
Evans	Larry	304.926.0499, x. 1617	levans@wvdep.org
Kim	Kwang	618.463.6463, x. 5151	kkim@osmre.gov
Koehler	Rick	505.476.3417	rick.koehler@state.nm.us
Meier	Len	618.463.6463, x. 109	lmeier@osmre.gov
Mullins	Doug	276.523.8255	doug.mullins@dmme.virginia.gov
Wilhelm	Alan	303.844.1400, x. 1457	awilhelm@osmre.gov

Add new item

**Data Stewards**

Last Name	First Name	Business Phone	E-mail Address
Barnes	Scott	814.342.8114	scbarnes@state.pa.us
Bell	Deborah	303.866.3685	deb.bell@state.co.us
Benally	Lawrence	505.368.1220	lpbenally@frontiernet.net
Bergquist	Dale	225.342.5586	daleb@dnr.state.la.us
Boehms	Alan	307.261.6546	aboehms@osmre.gov

<https://www.nttt.osmre.gov/nsmgc/>

# The Road Ahead

- Digital Office
- Business Process Redesign
- Geospatial Workforce Development
- Management Support
- Plan
- Authoritative Data Source
- Electronic Permitting
- TIPS Software
- Custom Geospatial Applications
- Workshop in 2010?

# Questions?

Bill Card, Chairman

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# Next Presentation

Coal Mining Spatial Data Standards  
ASTM Task Group

Tom Galya and Daniel Kestner