



THE OHIO GEOLOGICAL SOCIETY



The Newsletter of the Ohio Geological Society

December 2007

An Affiliate (1963) of the American Association of Petroleum Geologists (AAPG)

2007-2008 Officers

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HAPPY HOLIDAYS!

AND

BEST WISHES FOR A HAPPY, HEALTHY, AND PROSPEROUS

NEW YEAR

A good crowd was on hand for our first luncheon meeting for the 2007-2008 program year. On November 8, Roger McCready, a geologist managing NCR's remediation efforts, presented a talk titled: "Fox River PCB Contaminated Sediment Clean-up Project", which described the myriad aspects of the largest proposed sediment remediation project in the United States. Roger's talk was very well prepared and presented, and was followed up with several insightful questions that spurred informative dialog. On behalf of the Society, I would like to thank Roger for taking the time from his busy schedule to share his knowledge and experiences with us.

If every presentation or activity this year is equally well presented and attended, the Society will be able to look back on a truly successful year. Make no mistake about it, we have several presentations and activities already scheduled that you should try not to miss, and we hope to fill the remaining dates with equally compelling presentations or activities. What we really need is a talk about a novel and lucrative oil and gas play on open acreage that is downhill to the pipeline. Any volunteers?

Our next activity will be the Winter Gala scheduled for January 18. This event is always well-attended, because it's fun. If you've never attended, or haven't attended for a while, make a New Year's resolution to be part of this festivity. Details are provided in the body of this newsletter.

Frank Majchszak



Ohio Geological Society

10th Annual Winter Gala !

The Ohio Geological Society cordially invites all geologists, associates, and friends to a gala winter celebration!

Friday, January 18th, 2008

6:30 pm

*Midwest Hotel & Conference Center
4900 Sinclair Rd., Columbus, OH 43229
<http://www.ramadahotelcolumbus.com/>*

Cost: \$25 per person

Dinner, drinks and music by Bill Foley!

Payable in advance to OGS, PO Box 14304, Columbus, OH 43214.

*Please RSVP by January 14th to:
Amy.Lang@formanenergy.com or (614) 717-9262.*

Sponsors Welcome!

Hotel room reservations should be made directly with the Midwest Hotel & Conference Center, (614) 846-0300. A block of rooms will be held until January 4th, 2008. The rate is \$74.00. Please be sure to specify that you are with the Ohio Geological Society.



THE OHIO GEOLOGICAL SOCIETY

P.O. Box 14304, Columbus, OH 43214

2008 MEMBERSHIP FORM

Please return membership form and dues by January 31st, 2008

Last Name: _____	First: _____	M.I. _____
Company: _____	Title: _____	
Address: _____ _____		
City: _____	State: _____	Zip: _____
Phone: _____	E-mail: _____	
Spouse: _____		
Other Memberships: _____		

University	Degree	Major	Year

Membership Dues			
(Check one)	_____ New	_____ Renewal	
(Check one)	_____ Active	_____ Associate	_____ Student _____ Honorary
	\$20/yr.	\$20/yr.	\$5/yr. \$0/yr.

For Society use				
Received _____	Cash _____	Check # _____	Dated _____	Amount _____



News Release
FOR IMMEDIATE RELEASE
November 7, 2007

OHIO'S MINERAL INDUSTRIES PROVIDED \$2.6 BILLION FOR THE STATE'S ECONOMY IN 2006

COLUMBUS, OH – Ohio's mineral industries produced more than \$2.6 billion for the state's economy in 2006, according to a report issued by the Ohio Department of Natural Resources (ODNR) Division of Geological Survey. The number represents a slight (.1 percent) decrease from 2005.

The division released the [2006 Report on Ohio Mineral Industries: An Annual Summary of the State's Economic Geology](#) in time for the Ohio Aggregates & Industrial Minerals Association's annual meeting in Columbus, scheduled for Thursday and Friday, November 8-9. Association members produce most of the state's geologic commodities, excluding coal, oil and gas.

The industries listed in the report directly employed more than 11,000 people during 2006 in the production of coal, oil and gas, salt, sand and gravel, limestone and dolomite, clay and shale, and sandstone and conglomerate.

Five eastern Ohio counties (Belmont, Monroe, Stark, Tuscarawas and Mahoning) were the report's big producers - each accounting for more than \$100 million in geologic resources. These businesses significantly contribute to each county's annual economic output. Value-added products from these businesses include electric power generated by Ohio coal, refined petroleum, cement, building brick and stone, ceramics, lime, Portland-cement concrete, and asphalt. Local industries that use and distribute these commodities such as the transportation, equipment manufacturing, construction, glass, and steel production also benefit.

The 2006 report and its [updated digital map](#), both available for free, provide a method for quickly researching coal and industrial mineral activities in Ohio, as well as basic information about individual mines or groups of mines. Mining information available from the interactive map includes permit numbers, geologic commodities produced, and tonnage produced or sold during the calendar year.

The map is an important part of the ODNR Division of Geological Survey's integrated geographic information system (GIS), which includes maps and datasets that describe and locate areas of geologic interest to Ohioans, such as oil and natural-gas wells, earthquake epicenters, abandoned underground mines and karst areas.

The electronic version of the *2006 Report on Ohio Mineral Industries: An Annual Summary of the State's Economic Geology* and its interactive map are available through the Interactive Maps page of the [ODNR Division of Geological Survey's Web site](#). Individual mine information is available by clicking on the *Identify* tool and then on a mine. The report will also be available on a limited number of CDs (\$10 plus sales tax and \$2.50 in shipping) and can be pre-ordered from the ODNR Geologic Records Center by calling 614-265-6576 or emailing geo.survey@dnr.state.oh.us.

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For Further Information Contact:
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News Release
FOR IMMEDIATE RELEASE
November 20, 2007

ODNR RESPONDS TO DEMAND FOR OIL AND GAS-RELATED DATA ON OHIO SHALE

Number of wells targeting shale increases over six years

COLUMBUS, OH – Rising oil and natural gas prices have spurred an increase in oil and gas drilling activity in Ohio in recent years, especially wells targeting Ohio (Devonian) shale, an important oil and gas-producing reservoir. Between 2000 and 2006, the number of wells targeting Ohio shale increased from 14 to 130.

To meet the increase in demand for data on this type of shale, the Ohio Department of Natural Resources (ODNR) Division of Geological Survey compiled and scanned all core records and analyses of this material into a single resource, *The Ohio Compilation of Devonian Shale Data and Investigations, 10/2007*.

Data compiled includes information such as core descriptions, density, gas analyses, total organic content and various geo-chemical analyses that can be used to better identify the best areas for oil and gas potential. Cores are tube-shaped samples of glacial deposits and/or bedrock that are taken out of the earth when a well is drilled.

A Devonian shale production database was compiled that contains all available data through 2005. Pertinent publications about Devonian shale from the gas research institute and U.S. Department of Energy were scanned and placed in a spreadsheet. The spreadsheet also includes an updated reference list of publications that discuss Devonian shale in Ohio.

The state of *Ohio Compilation of Devonian Shale Data and Investigations, 10/2007* is available on cd-rom for \$25 (plus sales tax and shipping) from the ODNR Geologic Records Center by calling 614-265-6576 or emailing geo.survey@dnr.state.oh.us.

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For additional news online, check out ohiodnr.com

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News Release
FOR IMMEDIATE RELEASE
November 30, 2007

**SEVENTH ANNUAL APPLIED RESEARCH CONFERENCE
SCHEDULED FOR DECEMBER 5-6 AT OHIO UNIVERSITY
Mark R. Shanahan, governor's chief energy advisor, to provide keynote address**

COLUMBUS, OH – Mineral resources professionals from Ohio and surrounding states will discuss current issues, research and technologies related to mining, oil and gas drilling, conservation and reclamation during the seventh annual Applied Research Conference, hosted by the Ohio Department of Natural Resources (ODNR) Division of Mineral Resources Management. The conference is scheduled for Wednesday, and Thursday, December 5-6, at Ohio University in Athens.

The keynote speaker will be Mark R. Shanahan, executive director of the Ohio Air Quality Development Authority and newly appointed energy advisor to Governor Ted Strickland. He will address Governor Strickland's energy plan and its implications for Ohio's natural resources at 10 a.m. on Wednesday, December 5.

"Much of what the administration wants to accomplish in the arena of energy efficiency and production depends on Ohio's vast and varied natural resources," said John Husted, chief of the Division of Mineral Resources Management. "Mark Shanahan will provide insight on the role mineral industries will play in that effort."

Opening day sessions will focus on regulation requirements and recent changes, site restoration and watersheds. The second day will focus on discussions regarding reforestation, energy, AML reauthorization and a water-monitoring workshop. A tour of treatment sites in Hocking and Perry counties will feature two projects that successfully address the problem of acid mine drainage.

An awards luncheon, recognizing Ohio's leaders in mineral resources education and reclamation, is scheduled for noon on December 5. A casual evening reception, featuring educational displays by various organizations and watersheds groups, is slated for the same day.

For further conference information, please contact Beth Wilson with the ODNR Division of Mineral Resources Management, at 614-265-6901 or visit <http://www.ohiou.edu/NONCREDIT/DMRM.HTM>

CALENDAR

Information available for OGS meetings at: www.ohgeosoc.org or contact Chris Gordon at Chris.Gordon@dnr.state.oh.us, 614-265-6594.

- December 6-7 DMRM Applied Research Conference 2007 – “New Legislation & Applied Research in Energy, Minerals & Restoration”, Ohio University, Athens.
<http://www.ohiou.edu/NONCREDIT/DMRM.HTM>
- January 18 10th Annual OGS Winter Gala, Midwest Hotel & Conference Center, Columbus, OH.
- March 12 OGS meeting, Easton Hilton, Columbus, OH.
- March 13-14 2008 Ohio Oil & Gas Association Winter Meeting, Easton Hilton, Columbus, OH.

Check the OGS website at www.ohgeosoc.org/otherevents.html or the PTTC website at <http://karl.nrcce.wvu.edu/calendar.htm> for other meetings and events.

Ohio Geological Society
P.O. Box 14304 • Columbus, OH 43214
<http://www.ohgeosoc.org/>

Ohio Geological Society Publications

The in-print publications of the Ohio Geological Society may be purchased from the Ohio Division of Geological Survey. Members of the Society receive a discount; the member price is in parentheses (M:). For more information on the Society, write the Ohio Geological Society, P.O. Box 14304, Columbus, OH 43214.

- OGS 1. Guidebook to the Middle Devonian rocks of north-central Ohio**, by A. Janssens. 30 p., 1970. \$2.50. (M: \$2.00).
- OGS 2. Geology of Silurian rocks, northwestern Ohio**, by C. F. Kahle and J. C. Floyd. Guidebook for First Annual Meeting, Eastern Section, American Association of Petroleum Geologists. 91 p., 1970. Out of print.
- OGS 3. Seminar on industrial self-help programs for natural gas supplies**, edited by Arie Janssens. 55 p., 15 figs., 1 table, 1977. \$3.50 (M: \$3.00).
- OGS 4. Clinton sandstone papers presented at the Ohio Oil and Gas Association Winter Meetings 1961 to 1978** (abridged reprint of 1980 volume). 228 p., 1985. \$25.00 (M: \$20.00).
- OGS 5. The new Clinton collection--1985**, edited by Jack Gray, Andy Maslowski, Warren McCullough, and W. E. Shafer (2nd printing). This edition includes a transcript of "Deeper Clinton-Medina drilling in southeastern Ohio" from a March 1986 Ohio Geological Society meeting. 257 p., 1985. \$25.00 (M: \$20.00).
- OGS 6. Principles of seismic exploration**. A collection of papers from a seminar presented at the 1987 AAPG Eastern Section meeting. 1987. Out of print.
- OGS 7. Computer-aided analysis of geologic data**, edited by Lawrence H. Wickstrom. A collection of papers from a seminar presented at the 1987 AAPG Eastern Section meeting. 100 p., 1987. \$15.00 (M: \$12.00).
- OGS 8. Maps and cross sections of the Cambrian and Lower Ordovician of central Ohio**, by G. G. Shearrow. 31 p., 8 pls., 1987. \$12.00 (M: \$10.00).
- OGS 9. An update on Ohio's subsurface geology**. Proceedings from the October 1993 technical symposium held in Canton, Ohio. 11 papers, separately paged, 1993. \$25.00 (M: \$20.00).
- OGS 10. The Ohio Geological Society anthology, the Morrow County, Ohio "oil boom" 1961-1967 and the Cambro-Ordovician reservoir of central Ohio**, edited by William E. Shafer. 452 p., 1994. \$25.00 (M: \$20.00).
- OGS 11. Major natural gas plays of the Appalachian basin and surrounding areas**. Proceedings from the October 1994 technical symposium held in Canton, Ohio. 11 papers, separately paged, 1994. \$25.00 (M: \$20.00).
- OGS 12. Structural influences on oil and gas reservoirs**. Proceedings from the October 1995 technical symposium held in Canton, Ohio. 14 papers. 129 p., 1995. Out of print.
- OGS 13. Enhanced recovery--historical development and future potential in Ohio and the Appalachian Basin and Integration of geology and geophysics in exploration**. Proceedings from the October 1996 technical symposium held in Akron, Ohio. 16 papers. 209 p., 1996. \$25.00 (M: \$20.00).
- OGS 14. Ohio Geological Society Fifth Annual Technical Symposium**. Proceedings from the November 1997 technical symposium held in Akron, Ohio. 11 papers. 117 p., 1997. \$25.00 (M: \$20.00).
- OGS 15. Petroleum seismology in the digital age**. Course notes from the Ohio Geological Society's 3-D Seismic Seminar presented at the 1998 AAPG Eastern Section meeting. \$20.00 (M: \$15.00).
- OGS 16. Fossil collecting in the Silica Formation at Sylvania, Ohio**. Guidebook for the 1998 AAPG Eastern Section meeting. 16 p., 1998. \$7.00 (M: 6.00).
- OGS 17. Into the new millennium: The changing face of exploration in the Knox play**. Proceedings from the Sixth Annual Fall Symposium held in Akron, Ohio, October 1999. 16 papers. 120 p., 1999. \$25.00 (M: \$20.00).
- OGS 18. Exploration and Development of the Trenton-Black River of the Appalachian Basin**. Presentation workbook from the PTTC workshop held in Canton, Ohio, April 25, 2002. 10 papers. 2002. \$15.00 (M: \$10.00).

To order any of the Society's publications contact: The Geologic Records Center, Ohio Division of Geological Survey, 2045 Morse Road, Columbus, Ohio 43229-6693. Telephone (614) 265-6576. FAX: (614) 447-1918. E-mail: geo.survey@dnr.state.oh.us.