



THE OHIO GEOLOGICAL SOCIETY



The Newsletter of the Ohio Geological Society

January 2008

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

2007-2008 Officers

President

Frank Majchszak
Eagon & Associates, Inc.
100 Old Wilson Bridge Rd.
Worthington, OH 43085
(614) 888-5760
fmajchszak@eagon.cc

Vice President

Chris Gordon
Ohio Geological Survey
2045 Morse Rd., Bldg. C-1
Columbus, OH 43229
(614) 265-6594
chris.gordon@dnr.state.oh.us

Secretary

Amy Lang
Forman Energy, Ltd.
P.O. Box 340346
Columbus, OH 43234
(614) 717-9262
amy.lang@formanenergy.com

Treasurer

John Miller
Enervest Operating, LLC
4770 Indianola Avenue
Columbus, OH 43214
(614) 888-9588
jmiller@enervest.net

HAPPY NEW YEAR!

AND

BEST WISHES FOR A HAPPY, HEALTHY, AND PROSPEROUS 2008

As announced in the December newsletter, our first activity for 2008 will be a purely social event, the Winter Gala scheduled for January 18. In addition to visiting with fellow members, spouses, and friends in a relaxed and informal atmosphere, Bill Foley will entertain with his special blend of music and song. This event is always well-attended, because it's fun. If you've never attended, or haven't attended for a while, make a special effort to be a part of this year's festivity. Details of the 2008 Gala are provided in the body of this newsletter.

Although the OGS membership is the targeted audience for this get together, we mean what we say on the invitation – everybody is welcome! In particular, we hope that members of other geological societies, faculty members, ODNR and OEPA staff members, oil and gas industry and environmental consultants, students, and friends or associates of any of the above will join us for an evening of merriment. If you know someone who might be interested in attending, feel free to invite them by forwarding a copy of the announcement. The more the merrier!

After taking a little time to celebrate the New Year with our annual Gala, we'll continue with the business of selecting presentations or other activities with broad appeal to our ever-growing membership. Some dates and topics are already tentatively scheduled, but there is at least one open date that we would like to fill. If you have an idea for a speaker that would pack the house, don't keep it to yourself, share it with one of the officers and we'll do our best to make it happen.

Best Wishes,

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 _____

HAVE YOU RENEWED YOUR OGS MEMBERSHIP?

For those of you who have not yet renewed your OGS membership for 2008, it is about to expire. To ensure your membership, and to continue receiving this newsletter along with other valuable information regarding our profession, please fill out the membership application included with this newsletter and return it with your dues by Jan. 31st to:

The Ohio Geological Society
P.O. Box 14304
Columbus, OH 43214

Appalachian Oil and Natural Gas Research Consortium Workshop

The Role of Fractures in the Devonian Black Shale Gas Play

Date: **January 8 and 9**

Location: NRCCE - Evansdale Campus,
Morgantown, WV

Presenter: Dr. Terry Engelder, The Pennsylvania State University, Department of Geosciences

Course Outline: The success of horizontal drilling for enhanced recovery of natural gas is heavily dependent on the presence of systematic natural fractures. Because of the role that fractures play in draining matrix porosity, it behooves both geologists and petroleum engineers to develop the best possible understanding of natural fractures in black shale of the Appalachian basin.

Objectives: This workshop is designed to provide as complete an understanding of fracture in Devonian rocks as possible in a **2-day** setting. Fracture in any basin is a complex, multi-stage process that continues during the entire history of a basin. The PTTC workshop will provide a mechanical explanation for fracture generation during the burial, tectonic deformation and exhumation of Devonian rocks.

<http://karl.nrcce.wvu.edu/workshops.html>

Position vacancies at the Kansas Geological Survey

Section Chief - Energy Research Section: <http://www.kgs.ku.edu/General/jobs/J8412.html>

Petroleum Geoscientist or Petroleum Engineer - Energy Research Section:
<http://www.kgs.ku.edu/General/jobs/J8381.html>



School of
Earth Sciences



www.earthsciences.osu.edu

All seminars are at 4pm in Mendenhall Laboratory Room 100 unless otherwise noted

17 Jan 2008	Dr. Donna Whitney Professor University of Minnesota Hosted by Dr. Lindsay Schoenbohm	Crustal flow and continental tectonics
24 Jan 2008	Dr. Wei-Jun Cai Professor University of Georgia Hosted by Dr. Andrea Grottoli	Air-sea CO ₂ flux, inorganic carbon export and metabolic state in ocean margins.
31 Jan 2008	Dr. Kamini Singha Assistant Professor Penn State University Hosted by Dr. Matt Saltzman	Research Area: Groundwater



News Release
FOR IMMEDIATE RELEASE
December 20, 2007

**BEDROCK GEOLOGIC MAP OF OHIO NOW AVAILABLE
IN DIGITAL FORMAT FROM ODNR
New digital map complements paper version released in 2006**

COLUMBUS, OH - Geologists, educators, land-use planners and others interested in the state's earth science can now obtain a digital version of the *Bedrock Geologic Map of Ohio*, which was released by the Ohio Department of Natural Resources (ODNR) in paper form last year. This is the first time the map has been available to the public on CD-ROM.

Prior to last year, the most recent version of the bedrock map was published in 1920. The current version depicts nearly 50 bedrock units (as opposed to 14 units shown on the 1920 map).

Now, digital map users will be able to overlay numerous geographic information system (GIS) layers, such as bedrock formation contacts and faults, over their own unique digital map datasets. This will enable users to analyze where and how the rock formations and cultural features shown will affect current and future land-use practices. For example, individuals exploring oil and gas deposits could place the fault GIS layer over their own maps to identify where oil and gas might be gathering.

Digital map users who have access to computerized plotting equipment can print the full-color, wall-size version of the *Bedrock Geologic Map of Ohio*. The digital and paper versions of the map illustrate the distribution of rock formations at the surface or immediately beneath glacial drift materials that conceal most of Ohio's bedrock formations, especially in the northern and western portions of the state. Both versions of the map contain descriptions of Ohio's bedrock units and summaries of the state's economic geology and geologic hazards. There is also a chart showing the geologic age of Ohio's bedrock formations, a statewide geologic cross section, and extensive text that describes the geologic framework of Ohio.

Some points of interest on the map include the complex geology of the Serpent Mound Disturbance, which is an ancient meteorite impact site in Adams, Highland and Pike counties that is adjacent to the famous prehistoric effigy; the location of the massive sandstone formation that is responsible for scenic wonders such as the Hocking Hills and Black Hand Gorge; and the specific locations of shale and mudstone formations that cause landslides in southwestern and eastern Ohio.

The division began an extensive statewide bedrock-geology mapping program in the 1980s, which was completed through several cooperative bedrock-geology mapping initiatives between the ODNR Division of Geological Survey and the U.S. Geological Survey, U.S. Environmental Protection Agency and the Ohio Department of Transportation.

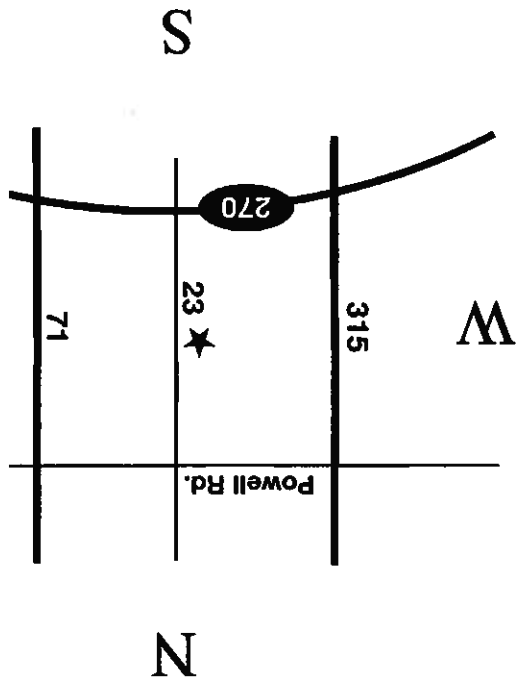
The *Bedrock Geologic Map of Ohio* (map BG-1) is available on CD-ROM for \$25 (plus sales tax and \$6.50 in shipping) and in a wall-size paper version (\$15 plus sales tax and shipping) from the ODNR Geologic Records Center by calling 614-265-6576 or emailing geo.survey@dnr.state.oh.us. A generalized, free page-size version of the *Bedrock Geologic Map of Ohio* is available through the [Publications, Maps and Data page](#) of the ODNR Division of Geological Survey's website.

For Further Information Contact:

E. Mac Swinford, ODNR Division of Geological Survey
(614) 265-6473

-or-

Jane Beathard, ODNR Media Relations
(614) 265-6860



CAPITAL CITY PETROLEUM

investing in america's energy future

Cordially Invites You

To A

"Holiday Social Gathering"

And "Open House"

To Celebrate Our New Offices

January 18th, 2008

4:30 p.m. - 8:30 p.m.

8351 North High Street, Suite 101

Columbus, Ohio 43235

(614)-310-1614

Hors D' oeuvres and Drinks will be served

Please RSVP by January 11, 2008 to:

rgray@capitalcitypetroleum.com or 614-310-1614

On the northern I-270 outer belt, Start out going West on I 270 N. from I 71 North or East on I 270 N. from Rt. 33 (East or West) toward HIGH ST / US-23 North.

Turn North onto HIGH ST / US-23 towards Delaware Ohio.

End at **8351 N High St-(Orchard Knoll Building)** across from Tim Horton's Restaurant, Columbus, OH 43235-1440, US

CALENDAR

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

- January 18 **10th Annual OGS Winter Gala**, Midwest Hotel & Conference Center, Columbus, OH.
- February 19 OOGA Legislative Reception, The Ohio Statehouse, Columbus, OH.
www.ooga.org
- March 12 OGS meeting, Easton Hilton, Columbus, OH.
- March 13-14 2008 Ohio Oil & Gas Association Winter Meeting, Easton Hilton, Columbus, OH. www.ooga.org

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.