



# THE OHIO GEOLOGICAL SOCIETY



The Newsletter of the Ohio Geological Society

November 2009

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

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The first meeting of the year is this **Wednesday, November 4**. Mark Jones, from the Ohio Division of Geological Survey, will be presenting the work that he has helped lead involving coastal erosion along the shores of Lake Erie. Lunch starts at 11:30 and Mark's talk is scheduled for 12:30. **Please RSVP to Steve Zody.**

Our second meeting of the year will be held in conjunction with Ohio-AIPG on Thursday, November 19<sup>th</sup> at La Scala restaurant in Dublin. The following announcement is taken from Ohio-AIPG's website:

Our guest speaker will be Mr. Bob Evans. Mr. Evans is best known for his work with the S.S. Central America, a California Gold Rush era steamship that sank in 1857 carrying tons of gold coins, bars, nuggets and dust. In 1983 Bob was recruited to take charge of the historical and scientific research involved in the search for the fabled treasure ship. The shipwreck site was located in 1986 using side-scanning sonar, and its identity was confirmed in 1988 when the first coins and bars were brought to the surface. The gold was recovered from a depth of a mile and a half, from the Atlantic seabed 170 miles off the Carolina coast. [SS Central America](#) and [Ship of Gold](#).

Inside the newsletter you will find an RSVP form for the dinner meeting at La Scala restaurant. La Scala has provided us with a limited menu at reasonable prices from which to choose our dinner. I look forward to seeing you there.

Due to popular demand, our annual Winter Gala will continue this year so please mark your calendars for January 15<sup>th</sup>!

Chris Gordon

# OGS MEETING

**Wednesday, November 4<sup>th</sup>**

Lunch at 11:30, talk at 12:30 pm

Please RSVP to Steve Zody at  
[zodyoil@sssnet.com](mailto:zodyoil@sssnet.com) or 330-262-4323

Ramada Plaza Hotel & Conference Center  
4900 Sinclair Road  
Columbus, OH 43229  
[www.ramadaplazacolumbus.com](http://www.ramadaplazacolumbus.com)

## ***Recession News Isn't Always Bad: Coastal Erosion Mapping in Ohio***

**D. Mark Jones, CPG  
Ohio Division of Geological Survey**

Ohio's Coastal Erosion Area (CEA) program was conceived to address erosion problems on Ohio's Lake Erie coast. The CEA program was a response to decades of land loss, infrastructure damage, and haphazard shore protection structure designs that were ineffective and sometimes worsened erosion problems. The CEA program maps coastline areas likely to be impacted by erosion in the next 30 years, and these areas are subject to certain requirements for building or further development. Map creation starts with aerial photographs, which serve as the base maps onto which historical shorelines are traced. The historical shoreline and the shoreline on the aerial photographs are digitized, and GIS calculates the distance between the shorelines and the yearly rate of recession. The yearly recession rate is multiplied by 30 to arrive at a 30-year anticipated recession distance, which is plotted onto the base map. Landowners can use the maps to determine if their properties are affected. The first CEA maps were finalized in 1998, and an updated set of maps is due to be released soon. The maps will show that the amount of Ohio's coastline in a 30-year recession zone has declined by about two-thirds since the first maps were finalized. The reduction is most likely due to lower lake levels and increasing amounts of shoreline protection.

# OGS/AIPG Meeting

Thursday, November 19

5:00 pm

**Robert Evans, Co-Discoverer of the S.S. *Central America* Shipwreck will present:**

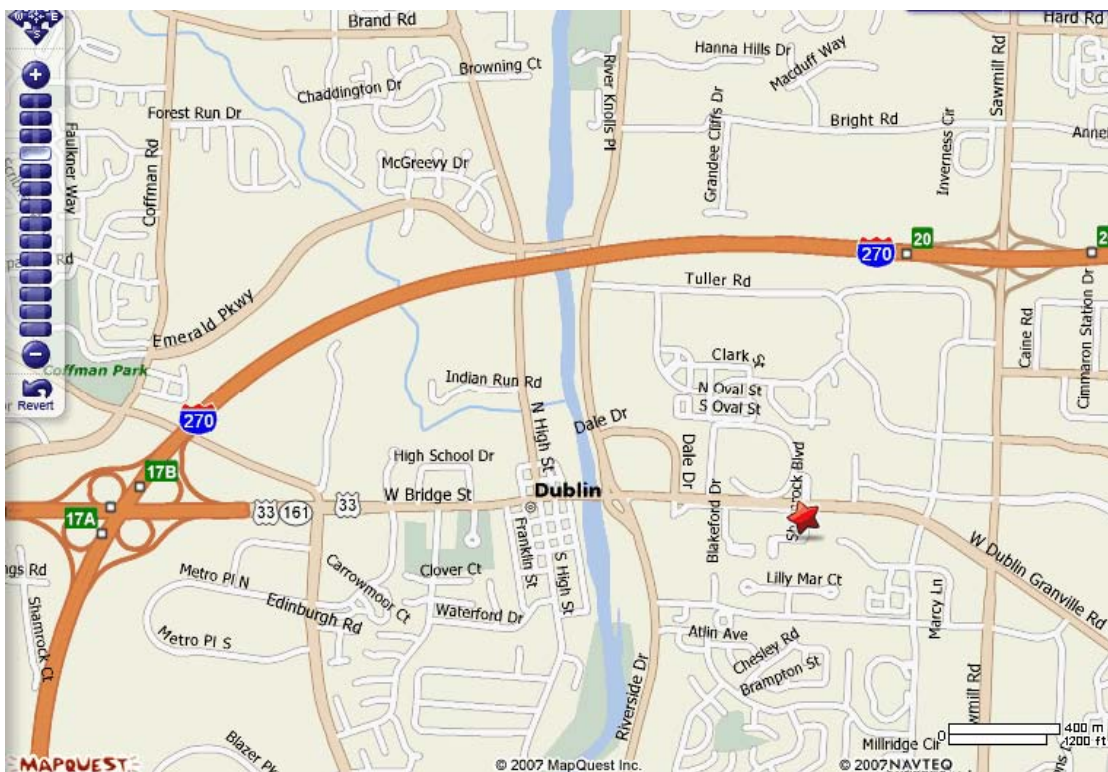
## ***The Science of Treasure: the S.S. Central America***

Mr. Bob Evans. Bob, a graduate of the Ohio State University's Geology Department, was the lead scientist of the Columbus-America Discovery Group, which found and recovered treasure from the S.S. *Central America* shipwreck.

Traveling from Panama to New York, and carrying many tons of gold from the California gold rush, the *Central America* was caught in a hurricane in September 1857 and sank in deep water off the Carolina coast. The wreck took with it more than 400 lives, the greatest loss of life at sea on a U.S. merchant vessel. The loss of gold contributed significantly to the Panic of 1857.

Mr. Evans' role as lead scientist included the use of Bayesian search theory to determine the wreck's most likely resting place, and the interpretation of side-scan sonar images of the sea-floor during the search. Upon locating the remains of the *Central America*, Bob used his geologic experience to legally verify the discovery and to recover the treasure with a minimal loss of historic and scientific data. Bob has since served as a curator of the S.S. *Central America*, and as a speaker and writer on its historical, geological, oceanographic, and numismatic significance.

La Scala Italian Bistro  
4199 West Dublin-Granville Rd. (SR 161)  
Dublin, OH 43017  
[www.lascalaitalianbistro.com](http://www.lascalaitalianbistro.com)



# OGS/AIPG Meeting

Thursday, November 19

Schedule:

5:00-6:00 Social Hour

6:00-7:30 Dinner

7:30-8:30 Presentation

## Welcome members and guests of OGS and AIPG!

We have worked with La Scala to provide a choice of 5 menu selections at reasonable prices that are all-inclusive. **When you RSVP, please indicate your entrée selection.** We hope to make arrangements for you to pay your check as you arrive. If you wish, you can add your name to this page, indicate your choice(s), and email it back to:

**Frank Majchszak at:**

**[fmajchszak@eagon.cc](mailto:fmajchszak@eagon.cc) or call 614-888-5760**

*All prices listed below include: Italian Salad, Ciabatta Bread & Butter, Coffee, Iced Tea, Hot Tea or Milk and Spumoni Ice Cream*

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### Fresh Pasta

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<b>Baked Rigatoni w/ Meatball or Marinara Sauce</b>	\$18.70
<b>Baked Lasagna</b>	\$21.00
<b>Penne Primavera</b> w/ Olive Oil & Garlic or Marinara Sauce	\$21.00
Medley of fresh vegetables served over Penne Pasta	
<b>Spaghetti</b>	
w/ choice of meatballs, meat sauce, sausage or mushrooms	
Choice of two	\$21.00
<b>Manicotti</b>	\$21.00

*The above prices include gratuity and sales tax*

*Cash Bar*

## 2012 Eastern Section AAPG Meeting Update

Two years ago, the Ohio Geological Society proposed and was accepted as the hosting society for the 2012 Eastern Section AAPG Meeting. This is a benchmark meeting for the Eastern Section as it marks the 40<sup>th</sup> anniversary of the first section meeting held in Cleveland in 1972.

Over the past four years, on many different fronts, and at many different levels, section officers and members have been lobbying AAPG National to hold a convention in the Eastern Section. Our plans for 2012 were in limbo until recently because the 2012 national meeting site had not yet been selected, and the Eastern Section was being strongly considered.

The bad news: We were notified a few weeks ago that the 2012 meeting site was not going to be in the Eastern Section. Thus, we need to get rolling on organizing our meeting, hence this article.

The good news: Which is tentative at the moment, is that the 2013 AAPG Annual Convention and Expo will be in Pittsburgh (now pending EC approval in Rio De Janeiro), a major accomplishment for the Section and its' member societies.

The current future schedule of Eastern Sections Meetings is:

2010 September 25-29; Kalamazoo, Michigan; Michigan Geological Society  
2011 dates TBA; Washington, DC; Geological Society of Washington  
2012 dates TBA; Cleveland (tentative), Ohio; Ohio Geological Society  
2013 dates TBA; Pittsburgh, Pennsylvania; AAPG Annual Convention, & Expo.

This notice is an **ALL CALL** for Volunteers and Committee Chairs for the 2012 40<sup>th</sup> Annual Meeting of the Eastern Section of the AAPG, hosted by the Ohio Geological Society. Pete MacKenzie and Steve Zody are the Co-General Chairs. As many of us have worked on convention organizing committees in the past, we know it is a rewarding experience. Please, volunteer to help us plan and execute a meeting that will exceed our own standards. You can contact either Pete or Steve to indicate you interest. We will simply say, it's better to volunteer early than to be "assigned" something late!

These are the Committees we will be working on filling in the coming months to make the meeting a success:

- **Technical Programs**
- **Exhibits**
- **Sponsorships**
- **Awards**
- **Publicity**
- **Registration**
- **Field Trips**
- **Short Course/Workshops**
- **Entertainment**
- **Judging**
- **Spouse Entertainment**
- **Transportation**
- **Deal Market**

Please, consider making a commitment to help with this meeting. Contact Pete MacKenzie ([pete@mackex.com](mailto:pete@mackex.com)) or Steve Zody ([zodyoil@sssnet.com](mailto:zodyoil@sssnet.com)). Theme and logo ideas are welcomed also!

## **STRICTLY OPINION**

Recently, both the OGS and Ohio AIPG independently formulated position papers opposing “Cap and Trade” legislation passed by the U.S. House that is currently being considered by the U. S. Senate. The organizations did this out of a sense of duty, as scientists having a unique perspective on this issue by virtue of education and training. Prior to this involvement, I admit to having personally viewed the subject of man-made global warming with mild amusement - thinking that this was man’s way of expressing self-importance by trying to take credit (or blame) for changes well beyond his ability to effect them (like trying to take credit for initiating a tsunami after having spat in the ocean). The amusement ended, however, when I saw the legislative and economic consequences (think regressive energy tax) that were predicated on what I and tens of thousands of other scientists ([www.petitionproject.org](http://www.petitionproject.org)) believe to be a flawed and most certainly unproven hypothesis that has been marketed to a concerned and trusting public as scientific fact.

Recently I happened upon an article penned by contrarian investment advisor Doug Casey. The article in question: “Doug Casey on Global Warming” (September 7, 2009) can be accessed at the following link: [www.caseyresearch.com/displayCwc.php?id=22](http://www.caseyresearch.com/displayCwc.php?id=22). Many of the themes Mr. Casey touches upon strike a familiar chord with me. I am also impressed by the amount of geologic knowledge he has brought to bear on this topic while maintaining a common-sense and easily-understandable approach. If you have a few minutes and wish to gain a few additional and useful insights into the implications of the crusade against man-made global warming, I urge you to click on the link. You might even consider forwarding the article to others, including your elected officials.

Frank L. Majchszak

Trustee and Past President

## CALENDAR

- November 4      **OGS Meeting** – *Recession News Isn't Always Bad: Coastal Erosion Mapping in Ohio* - D. Mark Jones. Ramada Plaza Hotel & Conference Center, Columbus, OH.
- November 19      **OGS/AIPG Meeting** – Bob Evans. La Scala Restaurant, Dublin, OH.
- November 19      PAPG Meeting - *Dancing in the Stars. Basic remote sensing using satellite imagery and examples from users in the Oil and Gas industry* – Gary Crew. Radisson Hotel – Greentree, Pittsburgh, PA. [www.papgrocks.org](http://www.papgrocks.org)
- January 15      OGS 12<sup>th</sup> Annual Winter Gala – Ramada Plaza Hotel & Conference Center, Columbus, OH.
- March 17-19      OOGA Annual Winter Meeting, Hilton Easton, Columbus, OH.

Visit [www.ohgeosoc.org](http://www.ohgeosoc.org) for all upcoming 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 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 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 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 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 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).

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](mailto:geo.survey@dnr.state.oh.us).