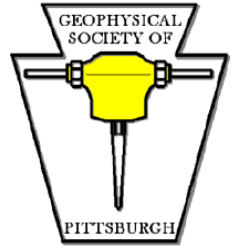




Geophysical Society of Pittsburgh



Proudly Presents

Tuesday, December 4th, 2012

At

Penn Brewery, Pittsburgh, Pennsylvania

Unlocking the Potential of Appalachia *by* *Dr. Craig Beasley*

Abstract:

NEOS GeoSolutions has undertaken studies to image the surface and subsurface in the Appalachian Basin. NEOS's multi-measurement methodology involves: 1) acquiring a series of airborne, non-seismic datasets (gravity, magnetic, radiometric, electromagnetic, and hyperspectral); 2) integrating these newly acquired datasets with existing seismic, well log, and production information; and 3) simultaneously interpreting the results. Although deliverables vary based on the unique objectives of a project, interpretation results focused on: Detecting orphaned wellbores; Mapping faults throughout the geologic column; Identifying oil seeps and gas plumes on the surface, and tracing their likely migration pathways (including via wellbores and faults); Mapping lateral and vertical variations in the region's aquifers; Highlighting zones of increased gas concentration, both trapped in the near-surface and surrounding the Marcellus Shale interval; Integrating seismic, non-seismic, and well log data to create county-scale, 2-D and 3-D structural and stratigraphic models; Mapping reservoir sweet spots using multivariate geo-statistical models. In their presentation to the GSP, NEOS will share highlights of the Appalachian Basin project by providing both a description of its multi-measurement methodology and an overview of the deliverables that result.

Biography:



Dr. Craig Beasley is the Vice President in charge of exploration at Neos Geosolutions. Prior to joining NEOS, Dr. Beasley was founder and proprietor of Wave Geophysics, a consulting business that provided geophysical, geological, and geochemical advisory services to mining, petroleum, and geothermal companies. Previously, Craig managed geophysical exploration activities in a significant portion of the Americas for BHP Minerals. Dr. Beasley holds a BS in Geophysics from the University of California, Riverside and both MS and PhD degrees in geophysics from the University of Utah.

Please RSVP using the PayPal link on the Geophysical Society of Pittsburgh website at: www.thegsp.org

Please note that registration for this lecture will be limited to the first 80 registrants!

Cost \$35 (\$20 for Students). Meeting Location: Penn Brewery, 800 Vinial St., Pittsburgh, PA 412.237.9400

December 4th Meeting Menu

Schlumberger

5:00 pm Social Hour

This month's social hour is proudly sponsored by
Schlumberger!

Beer on Tap:

Alt"er" Ego

Penn Dark Lager Beer, a European-Style Dark

Penn Gold Lager

Penn Oktoberfest Bier, a Märzen

Penn Pilsner

Also Available: Red & White wine

Hors D'oeuvres:

Side of Smoked Salmon with Pumpernickel, Cream Cheese, Chopped Eggs and Red Onions, and Capers

6:00 pm Dinner

Dinner Buffet

Schweinebraten

Smoked Bratwurst Sausages and Sauerkraut

Balsamic Chicken with grilled vegetables,

Beef Tenderloin Medallions with wild mushroom demi glaze,

Rice Pilaf, Fresh Green Beans with Red Peppers

Tossed Green Salad with Ranch, Italian and Balsamic Dressing.

Dessert: Apple and Cherry Pie

Coffee & Cream

7:00 pm Lecture

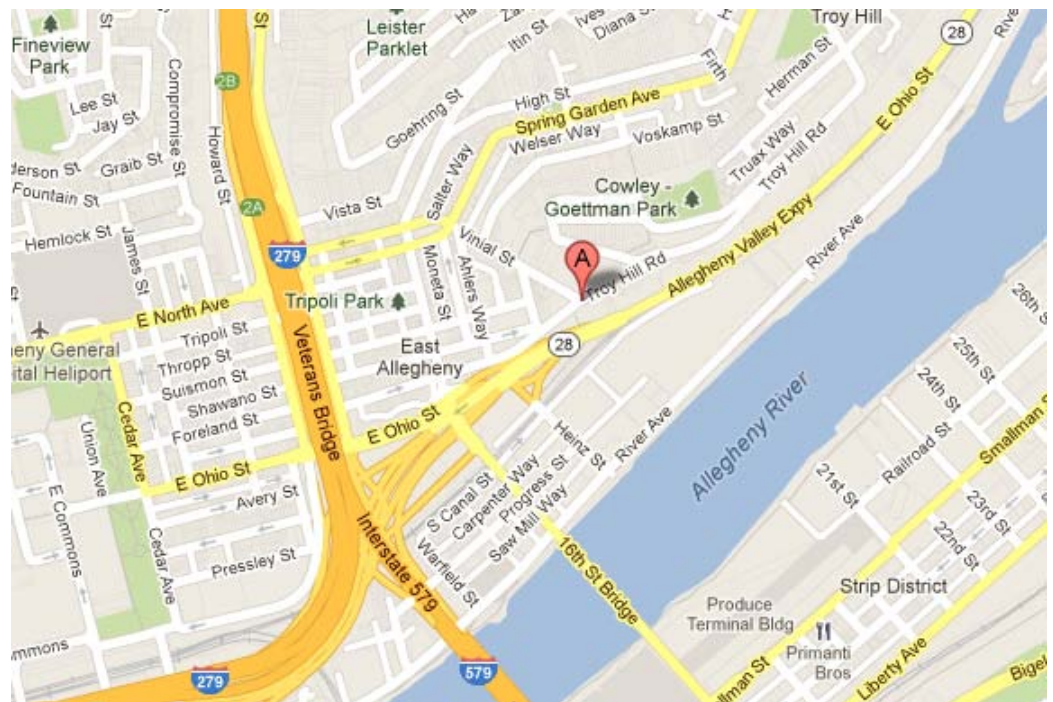
We are pleased to announce that this month's lecture will be held at :

Penn Brewery

800 Vinial Street

Pittsburgh, PA 15212 USA

412.237.9400



Geophysical Society of Pittsburgh Upcoming Lecture Series:

December 4th: Unlocking the Potential of Appalachia, Dr. Craig Beasley, NEOS GeoSolutions – Meeting to be held at the Penn Brewery, 800 Vinial Street, Pittsburgh.

December 18th, GSP, PAPG, and SPE Holiday Party – Cefalo's Banquet & Event Center, Carnegie.

January 8th: Consol Energy & West Virginia University (Tentative)

February 5th: Check Website for details

March 5th: Check Website for details

April 2nd: Check Website for details

May 7th: Check Website for details



Photo: Bill Harbert

News and Events from Geoscience Organizations

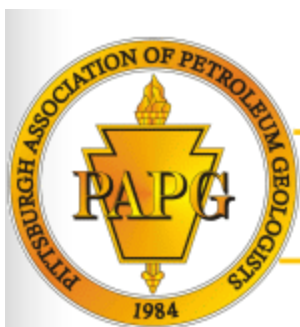


AGU FALL MEETING
San Francisco | 3–7 December 2012

American Geophysical Union's 45th annual Fall Meeting! Join more than 20,000 Earth and space scientists, educators, students, and other leaders in San Francisco, California, 3–7 December as they gather to present groundbreaking research and connect with colleagues. Register at <http://fallmeeting.agu.org/2012/travel-housing/registration-rates/>

Pittsburgh Geological Society

The PGS Generally Meets on the 3rd Wednesday of the Month From September through May
More information available at <http://www.pittsburghgeologicalsociety.org/>



P·A·P·G

Pittsburgh Association of
Petroleum Geologists

An AAPG Affiliated Society

www.papgrocks.org

The PAPG Generally Meets on the 2nd Monday of the Month From September through May. More information is available at <http://www.papgrocks.org/>

We would like to thank our 2012-2013 Corporate Sponsors:

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SILVER

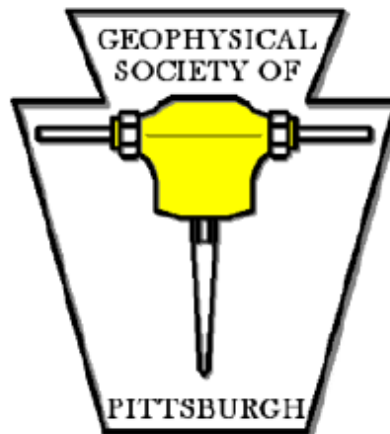


BRONZE



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