

**CNYAPG
Monthly Meeting
16 September 2010
Casa Di Copani
Syracuse, New York**

**Dr. Don Siegel
Syracuse University**

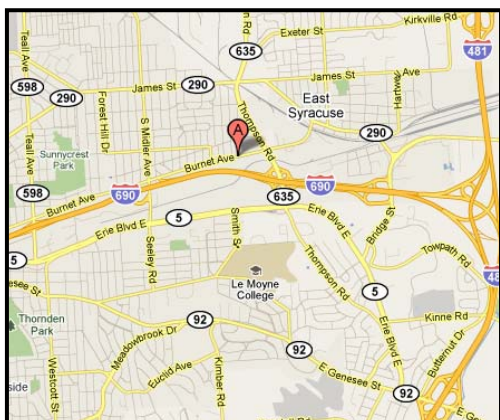
The Central New York Association of Professional Geologists is pleased to announce that **Dr. Don Siegel**, the Laura J. and L. Douglas Meredith Professor of Geology at Syracuse University will speak at the first CNYAPG monthly meeting of the 2010/2011 program year. Don will kick off our nine month program on the Marcellus Shale: One of the Great Unconventional Shale Basins of the World.

Don is a distinguished scientist having won the Meinzer award from the Geological Society of America for significantly advancing the science of hydrogeology in his body of publications over 30 years of research and teaching. Besides his academic interests, Don is the author of a book on kosher Chinese cooking and a great friend of CNYAPG. Don was the speaker at the very first CNYAPG meeting held in June 1993 -- we are honored to have him back.

Title: “Methane in the San Juan Basin – an Analogy for Potential Environmental Effects of Marcellus Gas Development in the Appalachian Basin”.

Abstract: The potential environmental effects of producing unconventional gas from coal and shale are both similar and different, depending on the sedimentary basin involved. By analogy, much can be learned about the efficacy and environmental safety of shale bed methane production in the Appalachian Basin from coal bed methane production in the San Juan basin of the American west. In this talk, Prof. Donald Siegel reviews how coal-bed methane development has occurred in the San Juan Basin and then relates it by analogy, to what may occur in New York, Pennsylvania, and West Virginia as shale bed methane development proceeds. In his talk, Siegel will particularly discuss water quantity and quality issues related to the backflow and produced waters from coal and shale bed production, including plausible degradation effects of the extraction on stream and ground waters. Professor Siegel just served as a hydrologist and geochemist on a recent National Research Council Panel on produced water issues associated with coal bed methane and has spoken widely on the potential environmental effects of shale bed methane development in the east.

Location: Casa Di Copani, 3414 Burnet Avenue, Syracuse, New York



Please RSVP by **Friday September 10** to reserve your seat and to help us provide a reliable count to the chef at Casa Di Copani.

As always, dinner costs will be sponsored by **Parratt-Wolff, Palmerton Group, GES, ERM and O'Brien and Gere** for the first five student reservations.

Time: 5:30 p.m. social hour - 6:00 p.m. dinner - 6:30 p.m. featured presentation

Cost: \$20 for members; \$22 for non-members; \$15 for students; \$3 presentation only

RSVP: Annette (Parratt Wolff) info@pwinc.com or (315) 437-1429 by Friday (10 September 2010)

Next month, Kirby Walker, Professional Geologist with Schlumberger will discuss the use of micro-seismic techniques to compile 3-Dimensional maps of the fracture zone created during formation stimulation.

Please feel free to forward this invitation to your colleagues within your organization. Please contact Ed Hinchey at 315.256.5355 or ed.hinchey@erm.com if you have any questions