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Engineering Geology in the Upper Cattaraugus Creek Basin, New York

James J. Janora, CPSWQ, CPESC – McMahon & Mann Consulting Engineers, P.C.



When: Wednesday November 16th, 2011

Time: 5:30 Social Hour (cash bar)
6:30 Buffet Dinner
Meeting / Presentation to Follow

Where: La Galleria
3923 Southwestern Boulevard
Orchard Park, NY 14127

Cost:	Early	Late
Members:	\$25.00	\$30.00
Non –Members:	\$27.00	\$30.00
Students:	\$10.00	\$15.00

Payments are now accepted online under [event registration](#) or make checks payable to BAPG.

For reservations, please visit our website at BAPG.org and click Events. You can also e-mail Todd Bown t.bown@palmertongroup.com or call him at (716) 393-3273.

Please reserve by Close of Business on November 11th for special early registration pricing.

If you cannot attend after reserving, please notify Todd Bown as soon as possible, since BAPG is responsible for all “no-shows”.

Abstract

Researchers have studied the glacial history and stratigraphy of southwestern New York State, particularly in southern Erie and northern Cattaraugus Counties within the Cattaraugus Creek Basin. The Cattaraugus Creek Basin exhibits a stratigraphic record of soil that has been correlated to middle and late Wisconsin glaciation in New York, Pennsylvania, and Ohio. Final ice retreat from the area is recorded in the surficial deposits within the basin. The complex depositional history of glacial soils in the Cattaraugus Creek Basin has profound impacts on infrastructure and construction. Individuals involved with engineering and development projects in the area must be aware of the geological complexity and must consider the geotechnical characteristics of the conditions for any level of engineering design.

Bio

Jim received a BA in Geological Sciences from SUNY Geneseo. He worked in construction and served as an independent consultant preparing Mine Land Use Plans and assessing the viability of removing gravel from stream channels in western New York before he joined McMahon & Mann Consulting Engineers, P.C. Since then, Jim has provided geological insight into applied geotechnical engineering projects ranging from slope instability problems to stream bank erosion problems. His professional interests include glacial and fluvial geomorphology.