



2010 - 2011

January Meeting Notice

Minnesota Geotechnical Society

Sustainable Management of Water in Minnesota - the Role of the Minnesota Geological Survey

Dale Setterholm, Minnesota Geological Survey

Minnesota is committed to creating a management system that will preserve the quality and quantity of water available today for future generations. The role of the Minnesota Geological Survey in this system is to describe the distribution of earth materials that determine where water resides and the pathways that control its movement. We provide this information in geologic maps and associated databases and enhance their usefulness by serving the information in geographic information system formats. The information supports monitoring by connecting wells, water use, and land use to specific aquifers and related surface water bodies. It supports modeling (predictive capability) by providing digital descriptions of the boundaries of aquifers and the materials that surround them. MGS also compiles data about the hydraulic properties of geologic units that are useful in understanding and predicting the effects of water use. This presentation will describe the MGS products, the methods utilized to create them, and some applications of these products to water management activities.

Date: Wednesday, January 12, 2011

Location: Rose Vine Hall (downstairs at Grumpy's Bar & Grill)
2801 Snelling Ave. N., Roseville, MN

Time: 6:00 Social Hour, Sponsored by American Engineering Testing, Inc.

7:00 Dinner & Dessert: Salad, Rolls, Coffee/Soda and a choice of:

1. 10-Ounce Top Sirloin - Char-grilled and topped with bleu cheese garlic butter. Served with white cheddar mashed potatoes and a sautéed vegetable medley
2. Feta Cheese and Sun-Dried Tomato Stuffed Walleye - Served over white cheddar mashed potatoes with a drizzle of lemon thyme butter sauce.
3. Seared Chicken Parmesan - Tender chicken breast crusted with aged Parmesan cheese and rapidly seared until golden brown. Served over white cheddar mashed potatoes and a sautéed vegetable medley.
4. Manicotti – Fresh Pasta tubes filled with ricotta, mozzarella and parmesan cheeses. Baked in marinara sauce and finished with melted mozzarella.

8:00 Presentation – Dale Setterholm, Minnesota Geological Survey
(One professional development hour toward continuing education requirements for Professional Engineers is available).

Cost: \$25.00 members, \$30.00 non-members, and \$5.00 Full-time students, payable to MGS at the door.

Reservations: Requested by 12 Noon, Friday, January 7, 2011

Please register via the website at <http://www.mngeotechnicalsociety.com/eventsmpls.asp>

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