



# 2004-2005

*April Meeting Notice*

## Minnesota Geotechnical Society

### GEOSYNTHETICS CAN DO SOME EXTRAORDINARY THINGS

Stephan M. Gale, P.E.  
Gale-Tec Engineering

Reinforcement of embankments over soft and compressible ground can be traced back to 2500 BC in the United Kingdom, where corduroy and bundles of branches were used to support soil fill over marshes. The ancient pyramid, an early version of a reinforced earth structure, was reinforced with reed mats. Manufactured products now take the place of branches and reeds. Geotechnical engineering design techniques for geosynthetics were developed in our lifetime. Today, the design and construction of embankments, walls and slopes with polymeric reinforcement is well established with design standards here in North American, in Europe and in the Far East.

Projects will be reviewed from around the country that include test sections and research, successful projects and failures.

**Date:** Wednesday April 13, 2005  
**Location:** Grandma's Saloon and Grill in Plymouth  
3000 Harbor Lane, Suite 100 Plymouth, MN. [Directions](#)

**Time: 6:00** Social Hour  
**7:00** Dinner – Rosemary Chicken with Saffron Rice  
Roast Beef with Garlic Mashed Potatoes  
Pork Chops with Garlic Mashed Potatoes  
**8:00** Presentation – Steve Gale, PE

(One professional development hour toward continuing education requirements for Professional Engineers is available).

**Cost:** \$20.00 members, \$20.00 non-members, and \$5.00 Full-time students, payable to MGS at the door.

**Reservations:** Requested by 12 Noon, Friday, April 8, 2005.  
Please register via the website at <http://www.mngeotechnicalsociety.com/eventsmpls.asp> or call Ryan Peterson with your reservation. Ryan may be reached by phone: (612) 379-8805 or fax: (612) 379-8160

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