



2010 – 2011

*February's Joint MGS and
MN Section of ASCE Meeting*

**The Increasing Role of Seismic Measurements
in Civil Engineering**

Prof. Kenneth H. Stokoe

University of Texas at Austin

Civil Engineers are continually faced with the problem of characterizing geotechnical, structural, and pavement materials and systems in the field. Over the past three decades, seismic measurements of in-place materials and systems have been employed at an ever increasing rate with an increasing diversity of applications. The measurement techniques were originally adapted from exploration geophysics. However, Civil Engineers are developing expertise in this area and are tailoring the measurement techniques to fit their applications. A number of applications are presented, ranging from structural concrete and asphalt pavement studies to geotechnical investigations of an earth dam, cemented soils, and liquefiable loose sand.

Date: Thursday, February 24, 2011

Location: Continuing Education and Conference Center
1890 Buford Avenue
St. Paul Campus of the University of Minnesota
(pay parking is available in lots S104 and S108 or the Gortner Avenue Ramp)

Time: 6:00 Social Hour, Sponsored by Hayward Baker.

7:00 Dinner – Buffet Style

8:00 Presentation – Dr. Kenneth H. Stokoe

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

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

Reservations: Requested by 12 Noon, Monday, February 21, 2011
(STRICTLY ENFORCED)

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

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