

EVENING LECTURE – AUCKLAND BRANCH

45TH TERZAGHI LECTURE 2009

Uncertain Geotechnical Truth and Cost Effective High Rise Foundation Design

By Clyde N. Baker, Jr., P.E., S.E.

**MONDAY 2
NOVEMBER**

ABOUT THE SPEAKER:

MR BAKER presented the Terzaghi Lecture at the American Society of Civil Engineers Congress at Lake Buena Vista, Florida, in March, 2009.

Mr. Baker has developed an international reputation in the design and construction of deep foundations. He has been a leader in using in-situ testing techniques correlated with past building performance to develop more efficient foundation designs. Over the past 55 years Mr Baker has served as the geotechnical engineer on the major portion of high rise construction built in Chicago during that time frame. He has also served as geotechnical engineer or consultant on eight of the twenty tallest buildings in the world including the four tallest in Chicago (Sears, Trump, Hancock, and Amoco) and the current four tallest buildings in the world, the Petronas Towers in Kuala Lumpur, 101 Financial Center in Taipei, and Burj Dubai.

He is currently working as a consultant on several super tall buildings currently under construction including the Spire in Chicago, Doha Convention Center and Tower in Qatar and Incheon 151 in Incheon, Korea. Mr. Baker is a past Chairman of STS Consultants Ltd, which is now part of AECOM and currently serves as Senior Principal Engineer.



He is an Honorary Member of ASCE, a past President of SEAIOI and the Chicago Chapter of ISPE, past Chairman of the Geotechnical Engineering Division of ASCE, past Editor of the Geotechnical Engineering Journal, past Chairman of ACI Committee 336 on Footings, Mats and Drilled Piers. He is a member of the National Academy of Engineering. He is the recipient of many awards including the Deep Foundation's Institute Distinguished Service Award, the ADSC Outstanding Service Award, ASCE's Thomas A. Middlebrooks and Martin S. Kapp awards, the ASCE Ralph B. Peck Award, the 2007 Engineering News Record Award of Excellence, the ASCE Opal Lifetime Achievement Design Award 2008, and the 2009 Washington Award.

VENUE: Room 1.401, Faculty of Engineering, Auckland University

MONDAY 2ND NOVEMBER 2009

Light Refreshments, Compliments of AECOM, from 5:30pm near Rm1.401, School of Engineering.
Lecture begins at 6:00pm.

Joint Australian Geotechnical Society /NZGS sponsorship of these presentations in New Zealand, Australia and Hong Kong.

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