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International Technical Committee on In-Situ Testing: www.webforum.com/tc16

Professor Paul W. Mayne is an international researcher with a focus on in-situ testing, geotechnical site characterization, foundation engineering, and the evaluation of soil & rock properties. Particular interests include the use, conduct, and interpretation of the cone penetrometer, seismic piezocone, and flat dilatometer, evaluation of shallow and deep foundation systems, and ground modification techniques. Starting in 1977, Paul served in geotechnical consulting practice for 11 years in the Washington DC-Virginia-Maryland region, then after receiving a doctorate from Cornell University, he joined the civil engineering faculty at Georgia Tech in 1990. He was the geotechnical team leader from 2000-2006 and serves again as such since Jan 2014.

At the 18th ICSMGE in Paris (2013), Paul began a 4-year term as the Vice President for North America (www.issmge.org). Prior to that role, Dr. Mayne served as the chair of the ISSMGE Technical Committee TC 102 (formerly TC 16): Ground Property Characterization by In-Situ Tests (www.webforum.com/tc16) from 2000-2013. As such, Paul was an organizer and co-editor of the successful series of conferences on the theme of *International Site Characterization (ISC)* that were held in Atlanta (1998), Porto (2004), Taiwan (2008), and Brazil (2012), with planning now set for Brisbane (2016). He was host and co-editor for the TC 101 symposium: 4th *Deformation Characteristics of Geomaterials* in Atlanta (2008).

Paul has produced over 280 publications as author or co-author, including the National Highway Institute manual on *Subsurface Investigations: Geotechnical Site Characterization* (2002), FHWA Geotechnical Engineering Circular (2002) on *Evaluation of Soil & Rock Properties*, EPRI *Manual for Estimating Soil Properties for Foundation Design* (1990: www.epri.com), 2007 NCHRP *Synthesis 368 on the Cone Penetration Test* (www.trb.org), and *Engineering Design Using the CPT* (www.conetec.com). Together with P.K. Robertson, Paul co-edited the 3-volume proceedings for the 2nd *Intl. Symposium on Cone Penetration Testing* that was held in Huntington Beach/CA (www.cpt10.com).

Dr. Mayne has delivered special invited keynote lectures, including the 2006 James K. Mitchell Lecture, 2009 Michael W. O'Neill Lecture, 2009 State-of-the-Art (SOA-1) on Geomaterial Testing & Behavior at the 17th International Conference on Soil Mechanics & Geotechnical Engineering held in Alexandria, Egypt, Opening Keynote on Cone Penetration Testing at CPT'10, State-of-the-Art paper on in-situ testing at the ASCE GeoCongress: State-of-the-Art and Practice (2012), 2012 Ardaman Lecture at Univ. Florida, 2013 Sowers Lecture in Atlanta, 2014 Jennings Lecture in South Africa, 2014 James Hoover Lecture at Iowa State, Keynote 2 for the 3rd IS-CPT'14 (Las Vegas: www.cpt14.com) and the 2014 Hal Hunt Lecture at the Deep Foundations Institute Conference. In addition to these, Paul has been an instructor for over 100 one- and two-day short courses on topics of in-situ testing, foundation engineering, cone penetration testing, and site investigation.

Paul Mayne is a registered professional engineer (DC and VA) and has been a member of ASCE, ASTM, TRB, USUCGER, DFI, ADSC, CGS, and ISSMGE. His research efforts have been funded by the US Dept. of Energy, NSF, FHWA, US Geological Survey, ConeTec, NRC, GADOT, USAE, and Fugro. He has served as a geotechnical consultant on recent projects located in Anchorage, San Juan, Mobile, New Orleans, Washington DC, Brisbane, Sacramento, Portsmouth, Charleston, Brussels, Seattle, and Ottawa. Paul is married, has one daughter, and plays bass guitar.