

# JEAN-LOUIS BRIAUD

## Biographical Data Summary

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**ADDRESS:** Jean-Louis Briaud, Professor and Holder of the Spencer J. Buchanan '26 Chair, Dept. of Civil Engineering, Texas A&M University, 3136 TAMU, College Station, TX 77843-3136, USA. Tel: 979-845-3795, FAX: 979-845-6554, e-mail: [briaud@tamu.edu](mailto:briaud@tamu.edu).

### **EDUCATION:**

Ph.D. in Geotechnical Engineering, University of Ottawa, Canada, 1979.  
M.S. in Geotechnical Engineering, University of New Brunswick, Canada, 1974.  
Engineer Degree, Civil Engineering, E.S.T.P., Paris, France, 1972.

### **EXPERIENCE:**

#### *Educational Institutions*

University Distinguished Professor, 2015 - present  
Spencer J. Buchanan Chair in Civil Engineering, 2002-present.  
Director, US National Geotechnical Experimentation Site (TAMU) for NSF and FHWA, 1992-present.  
Spencer J. Buchanan Professorship in Civil Engineering, 1992-2002.  
Program Manager, Geotechnical & Geoenvironmental Program, Texas Transportation Institute, 1989-present.  
Area Leader, Geotechnical Engineering and Surveying, Texas A&M University, 1988-1993.  
Assistant, Associate, then Professor of Civil Engineering, Texas A&M University, 1978-1982.  
Lecturer, University of New Brunswick, Canada, 1974-1976.

#### *Industrial*

Geotechnical Consulting Work (1974-present). In several countries on various topics including bridge scour, slope stability, highway embankments, oil tank foundations, deep foundations, shallow foundations, docking facilities, tunnels, pressuremeter testing onshore and offshore.

President, Briaud Engineers, 1982-present.

### **PROFESSIONAL LICENSE**

Registered Professional Engineer, State of Texas No. 48690.

### **SOCIETY PARTICIPATION**

#### *American Society of Civil Engineers,*

President, Oct 2020 – Oct 2021  
Board Member, 2016-2018  
President of Geo-Institute, 2008-09  
Chair, ASCE Specialty Conference, "Settlement 94"  
Chair, Shallow Foundations Committee, National, 1989-94  
Director and President, Brazos Branch, 1982-85  
Chair, Geotechnical Engineering Division, Texas Section 1982-83  
Control Group Member, Deep Foundations, National, 1986-88  
*American Society for Testing Materials,*  
Chair, Pressuremeter Testing Subcommittee, National, 1986-91

Member, Deep Foundations, National Committee, 1986-91  
*International Society of Soil Mechanics and Geotechnical Engineering,* Member, 1980-present  
President of ISSMGE, 2009-13  
Chair, Int'l Comm. on Scour of Foundations, 1997-present  
Member, International Committee on Pressuremeters and Dilatometers, 1989-2001  
*USUCGER: (US. Assoc. of Geotechnical Professors)*  
President, 2003-05  
*Canadian Geotechnical Society,* Member  
*President of Federation of Int. Geo-eng Societies, 2014-17*

### **HONORS, AWARDS, PATENTS**

2020 President of ASCE  
2018 Named Geo-Legend by Geo-Strata magazine  
2016 Middlebrooks Best Paper Award (ASCE Geo-Institute)  
2016 Distinguished Professor, Texas A&M University  
2015 Cross USA Lecture Award (ASCE Geo-Institute)  
2015 Distinguished Member, American Society of Civil Engineers  
2014-2018 President of FedIGS  
2013 Louis Menard Honor Lecture - ISSMGE  
2009-2013 President, ISSMGE  
2008-2009 President, Geo-Institute of ASCE  
2007 Ralph B. Peck Lecture Award (ASCE)  
2006 Martin S. Kapp Foundation Engineering Award (ASCE)  
2006 Martin S. Kapp Lecture, New York City  
2006 G.G. Meyerhof Foundation Engineering Award (CGS)  
President of USUCGER (US Assoc. of Geotech. Prof.), 2003-05  
Spencer J. Buchanan '36 Chair in Civil Engineering, 2002-present

Invited lecturer at MIT, Berkeley, and in 40 countries  
The TTI/Zachry Senior Researcher Award, 1998  
International Who's Who of Intellectuals, 1993  
Zachry Award for Excellence in Teaching, 1993  
Spencer J. Buchanan Professorship, 1992-2001  
Cross Canada Lecturer, 1992  
TEES Fellow Award, 1988, 1990  
Walter L. Huber Civil Engineering Research Prize, ASCE, 1987  
Special Service Award, ASTM, 1987  
Halliburton Award of Excellence, TAMU, 1985  
Hogentogler Award, ASTM, 1981  
The TEXAM Pressuremeter sold by ROCTEST, 1982  
The WAK Test and the LATWAK Test, 1991  
The EFA for soil erosion testing: sold by Humboldt, 2004  
The BCD for compaction control: sold by RocTest, 2006  
Many Named Lectures and Keynote Lectures

### **PUBLICATIONS**

Books: 2 authored, 6 edited, 2 book chapters  
Journal and Conference Papers - 240  
Research Reports - 132  
Software - 13

Presentations and invited lectures - 230  
Videotapes: 15  
Short courses and Webinars on In Situ Testing, Geotech  
Software, Bridge Scour, Shrink-Swell Soils

### **RESEARCH PROJECTS**

94 research projects with 100 Master students and 56 Ph.D. students totaling over 12 million dollars on foundations, retaining walls, pavements, in situ testing, load testing, compaction, software development, scour of bridges, levee erosion, unsaturated soils.