

# 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**

2023 Jennings Lecture – South Africa

2022 Terzaghi Oration - India

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

2015 TAMU Regents Fellow Service Award

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 Buchanan '36 Chair in Civil Engineering, 2002-present

Invited lectures: 239 in 60 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 in 60 countries

### **PUBLICATIONS**

Books: 2 single author, 6 edited, 3 book chapters

Journal and Conference Papers: 294

Research Reports - 131

Software - 13

Presentations and invited lectures – 300 +

Videotapes (recorded and edited): 27

Short courses and Webinars on In Situ Testing, Geotech

Software, Bridge Scour, Shrink-Swell Soils

### **RESEARCH PROJECTS**

97 research projects with 101 Master students and 66 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.