

1. Name and Academic Rank

Delong Zuo, Assistant Professor Civil Engineering

2. Degrees with fields, institution, and date

PhD in Civil Engineering, Johns Hopkins University, 2005
MS in Civil Engineering, Johns Hopkins University, 2003
MS in Structural Engineering, Chongqing Jiaotong University, China, 1999
BS in Civil Engineering, with Highest Honor, Chongqing Jiaotong University, China, 1996

3. Years of service at Texas Tech University, dates of appointment

First year, September 2006, Assistant Professor (2006-present)

4. Other related experience – teaching, industrial, etc.

Postdoctoral Fellow, Department of Civil Engineering, Johns Hopkins University, April 2005 – August 2006
Research Assistant, Department of Civil Engineering, Johns Hopkins University, August 1999 – April 2005
Visiting Scholar, Department of Civil and Environmental Engineering, University of Illinois at Urbana-Champaign, August 2002 - August 2004

5. Consulting, patents, etc.

N/A

6. State(s) in which registered

N/A

7. Principal publications of last five years

Zuo, D., Jones, N.P., and Main, J.A., “Vortex- and rain-wind-induced stay cable vibrations in a three-dimensional environment.” Journal of Wind Engineering and Industrial Aerodynamics, Accepted for publication, March, 2005
Zuo, D., and Jones, N.P., “Interpretation of wind- and rain-wind-induced stay cable vibrations observed in the field.” Journal of Wind Engineering and Industrial Aerodynamics, under review.
Zuo, D., and Jones, N.P., "Wind tunnel testing of yawed and inclined circular cylinders in the context of field observations of stay cable vibrations." Journal of Wind Engineering and Industrial Aerodynamics, under review.
Liu, M.Y., Zuo, D. and Jones, N.P. “Analytical and numerical study of deck-stay interaction in a cable-stayed bridge in the context of field observations.” Journal of Engineering Mechanics, to be submitted.
Zuo, D., and Jones, N.P., “Assessment of mitigation devices for wind- and rain-wind-induced stay cable vibrations.” Journal of Bridge Engineering, in preparation.

8. Scientific and professional societies of which a member

American Society of Civil Engineers
American Association for Wind Engineering

9. Honors and awards

Meyerhoff Fellowship, Johns Hopkins University, 1999-2000
Wufu-Zhenhua Scholarship, Ministry of Communications, China, 1999

10. Institutional and professional service in the last five years

Reviewer for international journals:

Journal of Fluids and Structures

Journal of Wind Engineering and Industrial Aerodynamics

Wind and Structures, an international journal

11. Professional development activities in the last five years

Annually attend national and international conference on wind engineering and bluff body aerodynamics, hosted by various professional organizations.