Curriculum Vitae

(i) Name: Prof. Zhang Dongxiao, member of the U.S. National Academy of Engineering, fellow of Geological Society of America

(ii) Academic Qualifications:

01/1984 – 12/1988 B.Sc., Dept. of Civil and Mining Engineering, Northeastern University, Shenyang, China.

08/ 1991 – 12/1993 M.Sc. and Ph.D., Dept. of Hydrology and Water Resources, College of Engineering, University of Arizona, USA.

(iii) Previous Academic Positions:

11/17 – 08/19 **Executive Dean**, Graduate School, Peking University (PKU), China.

07/13 – 07/19 **Dean**, College of Engineering, Peking University (PKU), China; **Director**, PKU Institute of Ocean Research; **Chair Professor**, Dept. of Energy and Resources Engineering.

08/10 – 06/13 **Executive Dean**, College of Engineering; **Chair Professor**, Dept. of Energy and Resources Engineering, Peking University, China.

08/07 – 08/10 **Gordon S. Marshall Professor of Water Resources & Petroleum Engineering**, the Sonny Astani Dept. of Civil and Environmental Engineering and the Mork Family Dept. of Chemical Engineering and Materials Science, the University of Southern California.

07/05 – 08/10 **Guest Professor**, and **Founding Chair** (2005-2007, Consulting), Dept. of Energy and Resources Engineering; **Founding Vice Dean** (2005-2007, Consulting), College of Engineering, Peking University, China.

03/04 – 07/07 **Miller Chair Professor**, Mewbourne School of Petroleum and Geological Engineering, the University of Oklahoma.

09/96 – 03/04 **Senior Research Scientist**, and **Team Leader** (1999-2003), Earth and Environmental Sciences Division, Los Alamos National Laboratory.

(iv) Present academic position:

07/19 – present **Provost and Vice President for Academic Affairs; Chair Professor**, Southern University of Science and Technology (SUSTech), Shenzhen, China.

(v) Previous relevant research work:

Smart energy system; scientific machine learning; renewable energy forecasting; electrical load forecasting; carbon neutrality; stochastic modeling; subsurface flow.

(vi) Publication Records:

230+ SCI journal papers; i10 index 192; 3 books.

(vii) Most representative related publications

[1] Zhang, D., ***Stochastic Methods for Flow in Porous Media: Coping with Uncertainties***, Academic Press, San Diego, Calif., ISBN 012-7796215, pp.350, 2002. (SCI citation: 430+, Google scholar 680+)

[2] Teng, Y., and **D. Zhang***, Long-term Viability of Carbon Sequestration in Deep-sea Sediments, ***Science Advances***, 4, 10.1126/sciadv.aao6588, 2018