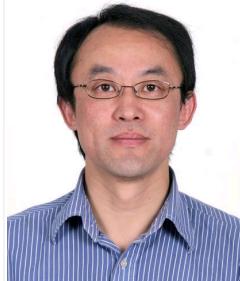




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#### 教育背景

清华大学土木工程系 建筑结构专业 工学学士 1989-1994

清华大学土木工程系 地震与防护工程 工学硕士 1994-1997

荷兰Delft技术大学土木与应用地球科学系 工学博士 2000-2004

#### 工作履历

1997-1999 清华大学助教、讲师

1999-2000 法国Blaise Pascal 大学访问学者

2004-2006 荷兰Delft大学博士后研究员

2007至今 清华大学土木系讲师 副教授

#### 研究领域

研究领域：

土力学与基础工程

土木工程技术

主要项目：

微生物加固与防渗的土建工程技术

地热桩基工程

深大桥隧与交通基础设施结构监测与评价

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#### 研究概况

讲授课程

基础工程（英） 本科生限选课 32学时

弹性力学（英） 研究生专业基础课 48学时

岩土颗粒力学(英) 研究生专业课 32学时

学术成果

1. X.H.Cheng, D.J.M.Nagan-Tillard, E.J.DenHaan, The Causes of high friction angle of Dutch organic soils, *Engineering Geology* 93 (2007), 31-44
2. Liu,X.Cheng,X.,Scarpas,A.? Blaauwendaard,J., Numerical modeling of nonlinear response of soil, Part I: constitutive model, *International Journal of Solid and Structure*, 42 (2005), 1849-1881.
3. Xianlei Zong,Xiaohui Cheng , Finite element analysis for the heat transfer of ground heat exchanger, 2010 Asia-Pacific Power and Energy Engineering Conference, APPEEC 2010-Proceedings
4. Hai-tao Liu, Xiaohui Cheng, DEM analysis of Size Effects of Coarse-grained Soils, *Soil and Rock Mechanics (in Chinese)*, 287-292, Vol30,S1, 2009.8
5. Direct shear Behavior of Photo-elastic Discs, *Soil and Rock Mechanics (in Chinese)*, 103-109, Vol30,S1, 2009.8
6. Zuan Yang, Xiaohui Cheng, Meng Li, High Strength MICP-Bonded Sandstones, to be published in *Geo-Frontiers Proceedings*, ASCE, 2011
7. Meng Li, H.X.Guo,Xiaohui Cheng, Application of response surface methodology for carbonate precipitation production induced by a mutant strain of *Sporosarcina pasteurii*, to be published in *Geo-Frontiers Proceedings*, ASCE, 2011
8. Xiaohui Cheng, Hongxian Guo,Yongpan Liu, Huazhong,Yang, Risk management in smart civil infrastructure, 2010 International Conference on Green Circuits and Systems (ICGCS 2010), 655-9
9. Ji-yun Shen, Xiao-hui Cheng, Laboratory investigation on restoration of Chinese ancient masonry buildings using microbial carbonate precipitation, *Proceedings of the 1st BGCE international conference*, Delft, 2008, 28-34
10. X.Cheng, D.Nagan-Tillard, X-ray CT study of mini-fabrics of organic soils (Oostvaardersplassen), *Advances in X-ray Tomography for Geomaterials* (2006), 397-405
11. Xiaohui Cheng, Hans Jannsen, Frans B.J.Barends,Evert J.denHaan, A combination of ESEM,EDAX and XRD studies on the fabric of Dutch organic clay from Oostvaardersplassen and its geotechnical implications, *Applied Clay Science* 25 (2004), 179-185