CURRICULUM VITAE

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BIOGRAPHY

EDUCATION

2000 Ph.D., Geotechnical Engineering, Tsinghua University, Beijing, CHINA
2000 MEng, Geotechnical Engineering, Tsinghua University, Beijing, CHINA
1995 BEng, Hydraulic Engineering, Tsinghua University, Beijing, CHINA
1995 BEng, Environmental Engineering, Tsinghua University, Beijing, CHINA

EMPLOYMENT

2014 –	Director, Research Center for Geo-environmental Engineering, State Key Laboratory of Hydro-Science and Technology, CHINA
2008 –	PhD supervisor, Tsinghua University, Beijing, CHINA
2004 –	Deputy Director, Institute of Geotechnical Engineering, Tsinghua University
2003 –	Associate Professor, Tsinghua University, Beijing, CHINA
2002 – 2003	Assistant Professor, Tsinghua University, Beijing, CHINA
2000 – 2002	Visiting Scholar, Post-doctoral fellow, Hong Kong University of Science and Technology, HKSAR, CHINA
1999 – 2000	Lecturer, Tsinghua University, Beijing
1996 – 1999	Teaching Assistant, Tsinghua University, Beijing

AWARDS & HONORS

2014	Distinguished Young Researcher, Tsinghua University (Highest honor for young faculty)
2014	Hubei Province Award for Scientific and Technological Achievements –Second Class
2014	Beijing Hydraulic Engineering Society Award –Second Class
2014	Laboratory and Technology Development Award – Second Class, Tsinghua University
2014	Laboratory and Technology Development Award – Second Class, Tsinghua University
2014	Distinguished Research Group at Tsinghua University
2012	Best Theoretical-Oriented Paper, ASCE Environment and Water Resources Institute
2012	Outstanding Young Scholar, Chinese Society for Rock Mechanics and Engineering
2010	Excellent Individual (Teaching, Research and Service), Tsinghua University
2010	Educational Achievement Awards (Innovative Geotechnical Practice), Tsinghua University
2008	Educational Achievement Awards (Geo-environmental Course Development), Tsinghua University
2008	Excellence for Educational Software Development (Multimedia Course of Soil Mechanics), Tsinghua University
2007	New Century Excellent Talents in Chinese Universities, Ministry of Education
2007	Scientific Achievements Award, Tianjin Municipal government
2006	Educational Achievement Awards (Series Courses of Geotechnical Engineering),

Tsinghua University

2006 Major Instructor, National Excellent Course (Soil Mechanics), Ministry of Education

2005 Beijing New Star in Science and Technology, Beijing Municipal Government

2004 Major Instructor, Beijing Excellent Course (Soil Mechanics), Beijing Educational Committee

2003 Excellent Teaching Team Awards (Soil Mechanics), Tsinghua University

2001 Science and Technology Achievements Award, Yangtze River Scientific Research Institute

PROFESSIONAL AFFILIATIONS

2013 – Life Member of Southeast Asian Geotechnical Society (SEASG)

2013 – Member of American Chemical Society (ACS)

2012 – Member of American Society of Civil Engineers (ASCE)

2011 – Chair of Committee for Young Geotechnical Engineers, Chinese Institution of Soil Mechanics and Geotechnical Engineering (CISMGE)

2011 – Vice-Chairman of Committee for Geo-Environmental Engineering, Chinese Institution of Soil Mechanics and Geotechnical Engineering (CISMGE)

2010 – Core Member of Beijing Society of Hydropower Engineering

2009 – Core Member of Technical Committee for Geotechnical Centrifuge Modeling, Chinese Hydraulic Society

2008 – Chair of Technical Committee on Soil Contamination and Remediation, Core Member of the Institution of Geo-Environmental Engineering, Chinese Society for Rock Mechanics and Engineering (CSRME)

2008 – Member of International Society for Rock Mechanics

2007 – Member of Asian Technical Committee 17 - Environmental Geotechnics, ISSMGE

2006 – Member of Technical Committee 215 - Environmental Geotechnics, ISSMGE

2004 – Member of International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE)

RESEACH ACTIVITIES

RESEARCH INTEREST

A. Geotechnical Engineering

Soil-Structure Interaction: Including Constitutive modeling, Physical testing

Soft Ground Improvement: Electro-Kinetics Mechanism and Application, Vacuum Preloading

Practical Application: Dam Engineering, Offshore Engineering, Foundation Engineering

B. Geo-environmental Engineering

Seepage in Porous Media: Multi-scale Modeling

Contaminant Transport and Mass Transfer

Practical Application:

- Soil/Groundwater Remediation
- Valorization of Solid Waste
- Landfill Engineering

C. Research Methodology

Theoretical Analysis: Multi-field coupling model, Analytical solution

Physical Modeling: Multi-scale laboratory testing, Centrifuge modeling
Numerical Simulation: FEM software development

PUBLICATIONS

A. Peer Reviewed Journal Papers (in English)

1. Hu L, Wu H, Zhang L, Zhang P, Wen Q. Geotechnical Properties of mine tailings. ASCE ***Journal of Materials in Civil Engineering***, 2016
2. Wu H, Hu L, Zhang G. Effects of Electro-Osmosis on the Physical and Chemical Properties of Bentonite[J]. ASCE ***Journal of Materials in Civil Engineering***, 2016: 06016010.
3. Wu H, **Hu L**, Zhang L, et al. Transport and Exchange Behavior of Ions in Bentonite During Electro-Osmotic Consolidation[J]. ***Clays and Clay Minerals***, 2015, 63(5): 395-403.
4. Zhang P, **Hu L**, Wen Q, et al. A multi-flow regimes model for simulating gas transport in shale matrix[J]. ***Géotechnique Letters***, 2015: 231-235.
5. Wu H, **Hu L***, Wen Q. Electro-osmotic enhancement of bentonite with reactive and inert electrodes[J]. ***Applied Clay Science***, 2015, 111: 76-82.
6. Pengwei Zhang, **Liming Hu**, Jay N. Meegoda & Shengyan Gao. Micro/Nano-pore Network Analysis of Gas Flow in Shale Matrix. ***Nature Publishing Group: Scientific Reports***, 2015, 5: 13501. DOI: 10.1038/srep13501.
7. **Hu L***, Meegoda J, Li H, et al. Study of flow transitions during air sparging using the geotechnical centrifuge. ***ASCE Journal of Environmental Engineering,*** 2014, 141(1): 04014048. 10.1061/(ASCE)EE.1943-7870.0000877.
8. Liu T, **Hu L***. (2014). Organic acid transport through a partially saturated liner system beneath a landfill. ***Geotextile and Geomembrane*** 42(5): 428-436.
9. Wu H, **Hu L***. Microfabric change of electro-osmotic stabilized bentonite. ***Applied Clay Science***, 2014, 101: 503-509.
10. Pasha AY, **Hu L**, Meegoda JN. Numerical simulations of a light nonaqueous phase liquid (LNAPL) movement in variably saturated soils with capillary hysteresis. ***Canadian Geotechnical Journal***, 2014, 51: 1046-1062.
11. Li H, **Hu L**(Corresponding author), Song D, Lin F. Characteristics of Micro-nano Bubbles and Potential Application in Groundwater Bioremediation. ***Water Environment Research***, 2014, 86(9): 844-851.
12. **Hu L***, Wu H. Mathematical model of electro-osmotic consolidation for soft ground improvement. ***Geotechnique***. 2014, 64(2): 155-164.
13. Li H, **Hu L**(Corresponding author), Song D, Al-Tabbaa A. Subsurface transport behavior of micro-nano bubbles and potential application for groundwater remediation. ***Int. J. Environ. Res. Public Health***, 2014, 11(1), 473-486.
14. Tan X, **Hu L.**, Reed AH, Furukawa Y, Zhang G. (2014). Flocculation and particle size analysis of expansive clay sediments affected by biological, chemical, and hydrodynamic factors. ***Ocean Dynamics***, 64(1), 143-157.
15. Dong WX, **Hu L**, Yu YZ, Lv H. Comparison between Duncan and Chang's EB model and the generalized plasticity model in the analysis of a high earth-rockfill dam. ***Journal of Applied Mathematics***, 2013, Article ID 709430, http://dx.doi.org/10.1155/2013/709430.
16. Li HZ, **Hu LM**(Corresponding author), Xia ZR. Impact of groundwater salinity on bioremediation enhanced by micro-nano bubbles. ***Materials***, 2013, 6, 3676-3687.
17. Gao SY, Meegoda JN, Hu LM(Corresponding author). A dynamic two-phase flow model for air sparging. ***International Journal for Numerical and Analytical Methods in Geomechanics***, 2013, 37(12): 1801-1821.
18. Zhang J, Hu LM, Pant R, Yu, Wei, Zhang. Effects of interlayer interactions on the nanoindentation

behavior and hardness of 2:1 phyllosilicates. ***Applied Clay Science***, 2013, 80-81: 267-280.

19. Wu H, **Hu LM**(Corresponding author). Analytical solution for axisymmetric electro-osmotic consolidation. ***Géotechnique***. 63(12): 1074 -1079.
20. Wu H, **Hu L**(Corresponding author). Numerical model of soft ground improvement by vertical drain combined with vacuum preloading. ***Journal of Central South China University***, 2013, 20(7): 2066-2071.
21. Liu Xiaoli; **Hu Liming**; Wang Enzhi; Xue Qiang. Study on Landfill Leachate Plumes with coupled Liquid-Solid Model. ***Disaster Advances***, 6(7): 51-57.
22. Wu H, **Hu LM**(Corresponding author). Discussion of "Numerical assessment of equivalent diameter equations for prefabricated vertical drains". ***Canadian Geotechnical Journal***, 2013, 50(7): 801-804.
23. Pasha AY, **Hu LM**, Meegoda JN, Ebadi T. Back-Calculated Soil–Water Characteristic Curve From Fluid Flow Data. ***ASTM Geotechnical Testing Journal***, 2013, 36(3): 301-309.
24. Pasha AY, Aflaki E, **Hu LM**(Corresponding author), Meegoda JN. Effect of Soil Fabric on Transport of a LNAPL through Unsaturated Fine Grained Soils: A Centrifugal Model Study. ***Soil and Sediment Contamination***, 2013, 22(2): 223-240.
25. Gao SY, Meegoda JN, **Hu LM**(Corresponding author). Simulation of Dynamic Two-phase Flow during Multistep Air Sparging, ***Transport in Porous Media***, 2013, 96: 173-193.
26. Gao SY, Meegoda JN, **Hu LM**(Corresponding author). Two Methods for Pore-Network of Porous Media. ***International Journal for Numerical and Analytical Methods in Geomechanics***, 2012, 36(18): 1954-1970.
27. WU Hui, **HU Liming**(Corresponding author). Analytical and Numerical Solutions for Vacuum Preloading Considering a Radius Related Strain Distribution. Mechanics Research Communications, ***Mechanics Research Communications***, 2012, 44: 9-14.
28. **Hu L**, Wu W, Wu H. Theoretical and numerical model of electro-osmosis consolidation in soft clay. ***Géotechnique***, 2012, 62(6): 537-541.
29. Pashal AY, **Hu LM**(Corresponding author), Meegoda J N, Aflaki E, Du J. Centrifuge modeling of in-situ surfactant enhanced flushing of diesel contaminated soil. ***ASTM Geotechnical Testing Journal***, 2011, 34(6): 623-633.
30. **HU Liming**, MEEGODA J, DU Jianting, GAO Shengyan, WU Xiaofeng. Centrifugal Study of Zone of Influence during Air-Sparging. ***Journal of Environmental Monitoring, RSC***, 2011, 13 (9), 2443-2449.
31. Meegoda JN, **Hu LM**. A Review of Centrifugal Testing of Gasoline Contamination and Remediation. ***Int. J. Environ. Res. Public Health*** 2011, *8*, 3496-3513.
32. Gao Shengyan, Meegoda J N, **Hu Liming** (Corresponding author)**.** Microscopic Modeling of Air Migration during Air Sparging. ***Journal of Hazardous, Toxic, and Radioactive Waste***, ASCE, 2011, 15(2): 70-79. [ASCE-EWRI Best Paper Award]
33. Meegoda JN, Gao S, Al-Joulani N, **Hu L**. Solid waste and ecological issues of coal to energy. ***Journal of Hazardous, Toxic, and Radioactive Waste***, ASCE, 2011, 15(2): 99-107.
34. **Hu L,** Wu X, Liu Y, Meegoda JN, Gao S. Physical Modeling of Air Flow during Air Sparging Remediation. ***Environmental Science and Technology, ACS***, 2010, 44(10): 3883-3888.
35. **Hu L,** Zhao M, Pu J. Centrifuge modeling of an offshore water-intake project under ice loading. ***Applied Ocean Research***, 2010, 32(1): 49-57.
36. **Hu Liming,** Zhang Bingyin, Ma Jie. Mechanical characteristics for interfaces between granular materials. ***Mechanics Research Communications***, 2010, 37(1): 42-46.
37. **Hu Liming**, Ding Jinwei, Liu Haixiao. Mechanical Behavior of Marine Clay under Wave Loading. ***International Journal of Offshore and Polar Engineering.*** 2010, 20(1): 72-79.
38. Dawson A, Boothroyd P, Ma J and **HU Liming**. Two-dimensional numerical simulation of groundwater contamination in the highway environment, ***International Journal of Pavement Engineering***, 2009, 10(4): 265-276.
39. Zhang Bingyin, Yu Yuzhen, Fu Jian, **HU Liming**. Simple Shear Test for Interface between Two

Granular Materials, ***Geotechnical Testing Journal, ASTM***, 2008, 31(3): 252-260.

40. **Hu Liming**, Lo IMC, Meegoda JN. Numerical analysis and centrifuge modeling on LNAPLs transport in subsurface system. ***Progress in Natural Science***, 2006, 16(4): 416-424.
41. **Hu LM,** Lo IMC, and Meegoda NJ. Centrifuge Testing of LNAPL Migration and Soil Vapor Extraction for Soil Remediation. ***Practice Periodical Hazardous, Toxic, and Radioactive Waste Management***, ASCE. 2006, 10(1): 33-40.
42. Lo IMC, **Hu L. M.,** and Meegoda, N. J. Feasibility Study of Using Centrifuge for Investigation of LNAPL Migration in Unsaturated Soils. ***Soil and Sediment Contamination, AHA***, 2005, 14(1), 85-103.
43. Lo Irene M. C., Zhang Jianhong, **HU Liming**. Centrifuge Modeling of Cadmium Migration in Saturated and Unsaturated Soils, ***Soil and Sediment Contamination, AHA,*** 2005, 14(5), 417-431.
44. **HU Liming**, PU Jialiu. Testing and Modeling of Soil-structure Interface. ***Journal of geotechnical and geo-environmental Engineering***, ASCE, 2004, 130(8): 851-860.
45. Lo IMC, **Hu LM.** Centrifuge Modeling of LNAPLs Transport In Unsaturated Soils. ***Journal of Geotechnical and Geo-environmental Engineering***, ASCE, 2004, 130(5): 535-539.
46. Lo IMC, **Hu LM.** Long-term migration of light nonaqueous-phase liquids in two unsaturated soils: Clayey silt and fine sand. ***Practice Periodical of Hazardous, Toxic, and Radioactive Waste Management***, 2004, 8(4): 228-237.
47. Lo IMC, Zhang JH, **Hu LM,** and Shu SZ. Effect of Soil Stress on Cadmium Transport in Saturated Soils. ***Practice Periodical of Hazardous, Toxic and Radioactive Management, ASCE,*** 2003, 7(3): 170-176.
48. **Hu Liming**, PU Jialiu. Application of Damage Model for Soil-structure Interface, ***Computers and Geotechnics,*** 2003, 30(2): 165-183.
49. Zhang Jianhong, **Hu Liming**, Pu Jianliu, Ying Kunting, Behavior of Plastic Concrete Diaphragm and Walls in Three Gorges Project, ***Tsinghua Science and Technolog***y, 1999, 4(1): 1367-1370.

B. Invited Keynote Lectures

1. Waste Management in China. ***Regional Workshop on Phytocap Technology for Sustainable Waste Containment in Developing Countries in Asia***, Colombo, Sri Lanka. May 29-30, 2014.
2. In-situ Site Remediation Technology. ***The 4th Chinese National Conference on Geo-Environmental Engineering and Geosynthetics***, Chongqing, 2011.11. (In Chinese)
3. In-situ Remediation for Organics Contaminated Groundwater. ***The 2nd Young Geotechnical Engineers Forum***, Yixing, 2014.11.
4. Geo-environmental engineering. ***Symposium on Geo-environmental Problems in Shannxi Mining practice***, 2013.10.
5. Micro-nano bubbles enhanced remediation for groundwater. ***The 8th national conference for Young Geotechnical Engineers***, Nanchang, 2013.07.
6. Electro-Osmotic Consolidation: Theory and Practice. ***Huangwenxi Lecture***, Beijing. 2013. (In Chinese)
7. Geo-environmental Engineering: Past, Present and Future. ***National Conference for Site Investigation,*** Kunming. 2013. (In Chinese)
8. Numerical Simulation and Physical Modeling of Subsurface Contamination and In-situ Remediation. ***The 1st Chinese National Conference on Multi-field Coupled Problems of Geo-materials and Environmental Geotechnics.*** Hangzhou. 2012.12. (In Chinese)
9. Model tests and Numerical Simulation on Air Sparging Remediation. ***The 3rd Chinese National Conference on Geo-Environmental Engineering and Geosynthetics***, Shanghai, 2011.11. (In Chinese)
10. Groundwater Contamination and Remediation. ***International Workshop on Geo-environmental Engineering***, Wuhan, March 18-20, 2009. (in English)
11. Centrifugal Modeling of Gasoline Contaminated Sites: Pollutant Transport and Remediation, ***Int. Symp. on Geoenvironmental Eng., ISGE2009***, 2009, Hangzhou, China. (In English)

12. Soil Contamination and Remediation Technology. ***The 2nd Chinese National Conference on Geo-Environmental Engineering and Geosynthetics***, Changsha, 2008.11. (In Chinese)

C. Refereed International Conference Proceedings Papers (in English)

1. Xia Z, **Hu L**. Remediation of organics contaminated groundwater by ozone micro-nano bubble. Japanese ***Geotechnical Society Special Publication***, 2016, 2(57): 1978-1981.
2. **Hu L**, Wu H, Meegoda J N. Effect of electrode material on electro-osmotic consolidation of bentonite. ***Japanese Geotechnical Society Special Publication***, 2016, 2(59): 2027-2032.
3. Zhang P, **Hu L**, Wu H, et al. Mechanical characteristics of mine tailings and seismic responds of tailing reservoir. ***Japanese Geotechnical Society Special Publication***, 2016, 2(76): 2633-2637.
4. Meegoda, JN, Gao SY, **Hu L**, Zhang P. Simulation of two-phase flow in soils using microscopic pore network model. ***Geomechanics from Micro to Macro*** (Proceedings of IS-Cambridge). Soga K et al. (Eds), CRC press, 2015, Vol 1: 877-882.
5. **Hu L**, Zhang P, Meegoda JN. Shale gas migration modeling considering pore scale and fracture density. ***Geomechanics from Micro to Macro*** (Proceedings of IS-Cambridge). Soga K et al. (Eds), CRC press, 2015, Vol 1: 883-888.
6. Lian Y, Liu H, **Hu L**. Feasibility Analysis of a New Hybrid Mooring System Applied for Deep Waters[C]//***The Twenty-fifth International Offshore and Polar Engineering Conference. International Society of Offshore and Polar Engineers***, 2015.
7. Qingbo WEN, Shulei PAN, **Liming HU**. Industrial solid waste treatment in China. ***The 7th International Congress on Environmental Geotechnics*** 2014 (7ICEG), Melbourne, Australia, 10th - 14th November 2014.
8. H. Wu, **L. M. Hu**. Effects of electrode configuration on electro-osmotic consolidation. ***The 7th International Congress on Environmental Geotechnics*** 2014 (7ICEG), Melbourne, Australia, 10th - 14th November 2014.
9. Pengwei ZHANG, **Liming HU**. A numerical study of shale gas flow considering pore scale effect. ***The 7th International Congress on Environmental Geotechnics*** 2014 (7ICEG), Melbourne, Australia, 10th - 14th November 2014.
10. Zhang PW, Wen QB, **Hu LM**. Numerical Simulation of Contaminant Dynamic Transfer in Dual-domain Model. ***The 3rd International Conference on Energy, Environment and Sustainable Development*** (EESD 2013). Shanghai, CHINA.
11. Jay N. Meegoda, Shengyan Gao, **Liming Hu**, Pengwei Zhang. Simulation of two-phase flow in soils using microscopic pore network model. ***The International Symposium on Geomechanics from Micro to Macro (IS-Cambridge 2014)***, September 1 – 3, 2014, Cambridge, UK
12. **Liming Hu**, Pengwei Zhang, Jay Meegoda. Shale gas migration modeling considering pore scale and fracture density. ***The International Symposium on Geomechanics from Micro to Macro (IS-Cambridge 2014)***, September 1 – 3, 2014, Cambridge, UK
13. Qingbo WEN, **Liming HU**, Yating YANG, Meng GONG. Application of industrial waste for landfill liner. ***The 5th International Conference on Engineering for Waste and Biomass Valorisation***, Aug. 24–28, 2014 - Rio de Janeiro, Brazil.
14. Zhang PW, **Hu LM**. Contaminant transport in soils considering preferential flowpaths. ***Geotechnical Special Publication 241: GeoEnvironmental Engineering - Selected Papers from the Proceedings of the 2014 GeoShanghai International Congress***, pp. 50-59, Shanghai, China, May 26-28, 2014.
15. **HU Liming**, WU Hu, Wen Qingbo. Electro-osmotic consolidation: laboratory tests and numerical simulation. ***The 18th International Conference for Soil Mechanics and Geotechnical Engineering, Paris***, France, 2013.09.
16. Tingfa LIU, Hui WU, Qingbo Wen, **Liming HU**. Numerical study of effect of contact condition on the performance of composite liner. ***The 5th International Young Geotechnical Engineers'***

Conference (5IYGEC), August, 2013, Paris, France

17. Wu H, **Hu LM**. Analytical and Numerical Model of Electro-osmotic Consolidation for Soft Soil Improvement. ***Geo-Congress*** 2013, GSP 231, pp. 2114-2123.
18. Meegoda JN, **Hu L**. Centrifugal modeling of soil contamination and remediation. **Keynote Lecture**, ***The 3rd International Conference on Geotechnical Engineering***, ICGE'13, 2013.02, Hammamet, TUNISIA. (Presented by Meegoda)
19. **Hu L**, Wu H, Ding J, Meegoda JN. Experimental Study on Electro-osmotic Consolidation of kaolin clay under intermittent current. ***The 3rd International Conference on Geotechnical Engineering***, ICGE'13, 2013.02, Hammamet, TUNISIA.
20. **Liming Hu**, Hengzhen Lee, Jian Wang, Jianting Du. Centrifuge Modeling and Numerical Simulation of Air Sparging Process. ***Advanced Materials Research***, v 378-379, p 445-448, 2012, Applied Materials and Electronics Engineering, AMEE 2012, Hong Kong.
21. Jian Wang, **Liming Hu**. Numerical simulation of air flow during air sparging remediation. ***Applied Mechanics and Materials***, v 138-189, p 27-32, 2012, Applied Mechanics and Mechanical Engineering II ICAMME2011, Sanya, China.
22. LEE Hengzhen, **HU Liming**. Micro-analysis in Glass Beads with Environmental Scanning Electron Microscopy. ***ASCE GeoCongress2012***, California, USA. 1243-1252.
23. WU Hui, **HU Liming**. Experimental Study on Electro-osmotic Consolidation of Expansive Soils. ***ASCE GeoCongress2012, California***, USA. 4060-4068.
24. YANG Yating, WEN Qingbo, **HU Liming**. Experimental Study on Application of Industrial Waste in Landfill Liner. ***ASCE GeoCongress2012***, California, USA. 3881-3890.
25. WU Hui, **HU Liming**. Theoretical analysis and numerical simulation of vaccum preloading in combination with electro-osmotic consolidation. ***ASCE Geotechnical Special Publication***, n 211 GSP, 605-615. ***Geo‐Frontiers 2011: Advances in Geotechnical Engineering, Proceedings of the Geo‐Frontiers 2011 Conference***, March 13–16, 2011 Dallas, TX, USA, Editor(s): Jie Han, Daniel E. Alzamora P.E.
26. GAO Shengyan, MEEGODA Jay N., and **HU Liming**. Microscopic Research on Air Sparging I-Network Model Development. ***ASCE Geotechnical Special Publication***, n 211 GSP, 4176-4185. ***Geo‐Frontiers 2011: Advances in Geotechnical Engineering, Proceedings of the Geo‐Frontiers 2011 Conference***, March 13–16, 2011 Dallas, TX, USA, Editor(s): Jie Han, Daniel E. Alzamora P.E.
27. **Liming HU**, Jianting DU, Yan LIU. Physical Modeling of Air-Sparging Process. ***Proceedings 2011 World Congress on Engineering and Technology***, pp. 853-856, Oct. 28-Nov.2, 2011, Shanghai, China.
28. Shengyan Gao, Jay N. Meegoda and **Liming Hu**. Geometrical and Topological Characteristics of the Void Space in Random Packing of Equal Size Spheres. ***Proceeding of the Engineering Mechanics Institute 2011 Conference***, Boston, 181-191.
29. Meegoda J. N., Gao S, Al-Joulani N., **Liming Hu**. Solid waste and ecological issues of coal to energy. ***The third International Conference for Waste Treatment, WasteEng10***, Beijing, China, May 17-20, 2010.
30. Gao SY, Meegoda JN, **Hu LM**. Microscopic research on air sparging – network model development. ***The 2nd International Conference on Waste Engineering and Management, ICWEM2010***, Shanghai, China, pp. 828-837, Oct 13-15, 2010.
31. **HU Liming**, WU Xiaofeng, LIU Yan, DU Jianting. Physical modeling of air sparging for groundwater remediation. ***Recent Developments of Geotechnical Engineering: Proc. of the 4th Japan-China Geotechnical Symposium***, Japanese Geotechnical Society, ISBN: 978-4-88644-817-0, pp. 110-115, April 12-14, 2010 Japan.
32. **HU Liming**, DU Jianting, WU Xiaofeng, MEEGODA J. N. Centrifuge modeling of air-sparging technique for groundwater remediation. ***Environmental Geotechnics for Sustainable Development: Proc. of the 6th International Congress on Environmental Geotechnics***, Tata

McGraw Hill, ISBN: 978-0-07-070716-0, pp 854-859, Nov. 2010, India.

33. **Liming HU**, Weiling WU, and Zhaoqun WU. Numerical Simulation of Electro-Osmosis in Soft Clay. ***Proc. of Int. Symp. on Geoenvironmental Eng., ISGE2009***, 221-235, Editors Chen YM et al., Zhejiang University Press & Springer -verlag GmbH. Sep 8-10, 2009, Hangzhou, China.
34. Colin JFP Jones, John Lamont-Black, Stephanie Glendinning, Dennes Bergado, Toby Eng, Andy Fourie, **Hu Liming**, Colin Pugh, Martin Romantshuk, Suvi Simpanen and ZhuangYan-Feng. Recent research and applications in the use of electro-kinetic geosynthetics. **Keynote paper**, ***The 4th European Geosynthetics Conference***, Edinburgh UK, Sep 1-3, 2008. (Presented by Jones)
35. **HU Li-ming**, HONG Heqing, WU Weiling. Experimental Study of Electro-Osmosis in Kaolin Clay. ***The International Symposium on Geo-Environmental Engineering for Sustainable Development***, Xuzhou, Oct 22-24, 2007.
36. Hong, H.Q. and **Hu, L.M**. Experimental Study of Electro-Osmosis by Reversing Polarity in Kaolin Clay. ***The 1st Sri Lankan Geotechnical Society (SLGS) International Conference on Soil and Rock Engineering***, Colombo, August 7-11, 2007.
37. Ding Jinwei, Liu Haixiao, **Hu Liming**. Response of marine clay to cyclic loading. ***Proceedings of the International Offshore and Polar Engineering Conference***, 2007, 1188-192.
38. N. Yacoubi, Y. Yang, S. Gao, **L. Hu**, B. Ladevie1, A. Nzihou. Stabilization Of Heavy Metals From Contaminated Sediment – Engineering Properties For Valorization, ***The International Conference on Geo-environmental Engineering***, London, June 4-5, 2007.
39. **HU Liming**, WU Zhaoqun, XING Weiwei. Centrifuge Modeling and Numerical Simulation of Soil Contamination and Remediation, ***The 5th International Congress on Environmental Geotechnics,*** June 26-30, 2006, Cardiff, UK.
40. Liu Haixiao, **Hu Liming.** Investigation on Effects of Several Factors That Influence Dynamic Analysis of Seabed-Structure Coupling System. ***Proceedings of The Third Chinese–German Trilateral Symposium on Coastal and Ocean Engineering***, Taiwan, China, 2006
41. Jinwei Ding, Haixiao Liu, **Liming Hu**. Mechanical Behavior of Marine Clay under Cyclic Loading. ***Recent Development of Geotechnical and Geo-environmental Engineering in Asia, the 4th Asian Joint Symposium on Geotechnical and Geo-Environmental Engineering (JS-Dalian 2006)***, Dalian, China, Nov. 23-25, 2006, pp81-86.
42. **Hu Liming**, Xing Weiwei, Wu Zhaoqun. Constitutive Modeling and Numerical Simulation of Multiphase Flow In Unsaturated Soil. ***The 2nd Sino-Japanese Symposium on Geotechnical Engineering,*** Oct 2005, Shanghai, China, 243-246.
43. Wen Qingbo, **Hu Liming**. Solid Waste Treatment in China. ***The 1st International Conference on Waste Treatment***. May 17 ~21, 2005, Albi, France.
44. Zhang Bingyin, **Hu Liming,** Hao Rongfu, Xing Weiwei. Numerical Analysis on LNAPLs Transport in Unsaturated Soils. ***WCCM VI in conjunction with APCOM'04,*** Tsinghua University Press & Springer-Verlag*,* Sept. 5-10, 2004, Beijing, China.
45. **Hu Liming,** Hao Rongfu, Xing Weiwei, Lo Irene M. C., Cheng Xiangsheng. Centrifuge modeling of soil contamination and remediation technology. ***International Conference on Geotechnical Engineering*** (Shahour Eds.), Beruit, Lebanon, May 19-22, 2004, 905-910.
46. **Liming Hu**, Irene M-C Lo, Xiangsheng Cheng. Centrifuge modeling of LNAPLs transport in soils and remediation technology. ***The Sino-Japanese Symposium on Geotechnical Engineering***, Beijing, 2003.10.
47. **Liming Hu,** Jialiu Pu. FEM analysis on phase-II cofferdam of TGP. ***The 9th International Conference on Computing in Civil and Building Engineering***, Taipei, Taiwan, 2002.04.
48. **L. M. Hu**, S. Z. Shu, Irene M. C. Lo, J. H. Zhang, N. J. Meegoda, J. L. Pu. Centrifuge Modeling of LNAPLs Migration in Porous Media. ***International Conference on Physical Modeling in Geotechnics***, Newfoundland, Canada, 2002.07.
49. **L. M. Hu**, Irene M. C. Lo, S. Z. Shu, N. J. Meegoda. Centrifuge Modeling of Gasoline Transport in Unsaturated Soils. ***The 6th International Symposium on Environmental Geotechnology***, Seoul, Korea, 2002.07.

50. Irene M. C. Lo, Jianhong Zhang, **Liming Hu**. Centrifuge Study of Cadmium Migration in Saturated Soils. ***International Conference on Physical Modeling in Geotechnics***, Newfoundland, Canada, 2002.
51. Xiaoyun Yang, **Liming Hu,** Irene M C Lo. A large scale test for investigating the movement of gasoline in soil. ***The International Symposium on Application of Natural materials for Environmental Geotechnology***, Tokyo, Japan, 2001.09.
52. Irene M-C Lo, Jianhong Zhang, **Liming Hu** and Shanzhi Shu. Geotechnical centrifuge modeling of Cadmium migration in saturated soils. ***International Conference on Environmental Concerns and Emerging Abatement Technologies***, Beijing, China, 2001.

D. Books

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