

**13:30-15:20 Tuesday Oct. 30 2018**

**Landfills of Solid Wastes I**

**Chairs: Ningjun Jiang, Jianyong Shi**  
**Room: Xixi III**

**1. Slope Stabilization and Capacity Expansion at Tianziling Landfill in Hangzhou, China**

*Liangtong Zhan, Jiwu Lan\* (China), Wei Li, Yunmin Chen*

**2. Cyclic Simple Shear Testing of Degraded Municipal Solid Waste from California under Constant Volume and Constant Load Conditions**

*Xunchang Fei\* (Singapore), Dimitrios Zekkos*

**3. A New Consolidation Model for Unsaturated High-kitchen-waste-content MSW**

*Ke Li, Wenjie Xu\* (China), Yunmin Chen*

**4. Model uncertainties in long term settlement prediction of landfill waste**

*Yuekai Xie\* (Australia), Jianfeng Xue, Carthigesu T. Gnanendran*

**5. Landfill Storage Capacity Analysis Method by Considering Foundation Settlement and Its Application**

*Hai-Long Liu\* (China), Zhuo-Fei Wu, Yu-Chao Li*

**6. Laboratory measurements of K<sub>0</sub> of municipal solid waste**

*Pengbo Yuan\* (China), Edward Kvazanjan Jr, Wenwu Chen*

**7. Triaxial Tests to characterize the shear strength behavior of Mechanical-Biological-Treated Waste in Hangzhou, China**

*Zhenying Zhang\* (China), Wenqiang Guo, Yingfeng Wang, Yuxiang Zhang, Hui Xu, Dazhi Wu, Kaifu Liu*

**8. Research on water retention characteristics and pore size distribution of landfilled municipal solid waste**

*Wenjie Zhang\* (China), Lu Lv*

**9. A Constitutive Model for the Stress-Strain-Time Behavior of Municipal Solid Waste**

*Wu Gao\* (China), Edward Kavazanjan Jr*

**10. Municipal Solid Waste Disposal in Hangzhou, China**

*Xiao Bing Xu\* (China), Da Ni, Si Fa Xu, Ji Wu Lan, Hui Xu*

**11.Improving the Slope Stability of Municipal Solid Waste Dumps using Reinforced Soil Berms: A Case Study**

*A. Agarwal\* (India), M. Datta, G. V. Ramana, R. Satyakam*

**12.Impact of moisture mobility on compression characteristics of MSW through soil structure measurements**

*M. V. Shah\* (India), Abhijit J. Brahmhatt*