

13:20-15:00 Wednesday Oct. 31 2018

Landfills of Solid Wastes III

Chairs: Ernest Olinic, Chuang Yu

Room: Xixi III

1. Effect of landfill odorous gas on surrounding environment: a field investigation and numerical analysis in a large-scale landfill in Hangzhou, China

Siliang Shen, Qiao Wang, Yunmin Chen, Xinru Zuo, Feiyu He, Shuangke Fei, Haijian Xie (China)*

2. Balance between Cover Resistance and Pump Capacity for Designing Vertical Gas Well

Qi-Teng Zheng, R. Kerry Rowe, Shi-Jin Feng (China)*

3. Influence of Atmospheric Pressure on Methane Emissions from Earthen Landfill Covers

T. Wu (China), L. T. Zhan*

4. Landfilling of Oil and Gas Exploration and Production Wastes: Geotechnical and Environmental Considerations

Ricardo C. de Abreu (USA), Jonathan E. Fourrier*

5. Dependency of Landfill Gas Generation Parameters on Waste Composition Based on Large-Size Laboratory Degradation Experiments

Sampurna Datta (USA), Dimitrios Zekkos*

6. Numerical simulation of bioreactor landfills subjected to aeration using CFD

An-Zheng Li (China), Shi-Jin Feng, Ben-Yi Cao*

7. Opening of an environmentally friendly landfill of non-hazardous industrial waste as support for closing an uncontrolled waste landfill

Ernest Olinic (Romania), Tatiana Olinic*

8. Seashore MSW landfill using drainage layer and thick soil cover—Leachate containment and post-closure land use

N. Maeda (Japan), J. Tsukahara, K. Endo, M. Kamon, T. Katsumi*

9. Measuring soil strain using fibre optic sensors

Susanga Costa (Australia), Gayan Kahandawa, Jian Chen, Jianfeng Xue*

