

15:20-17:00 Wednesday Oct. 31 2018

Geoenvironmental Risk Assessment, Management and Sustainability

**Chairs: Ankit Garg, Han Ke
Room: Xixi III**

1. The effect of climate change on alpine mountain hazards chain: A case study in Tianmo Ravine, Tibet, China

Jiao Wang, Yifei Cui (Hong Kong SAR), Clarence E. Choi, Charles W. W. Ng*

2. Quantitative assessment of human risk from landfill failure in Shenzhen, China

S. Zhang (China), C. Li, Y. Liu*

3. Qualitative evaluation of methods applied to sustainable remediation

A. B. Braun (Brazil), A. W. da S. Trentin, A. Thomé*

4. Stability analysis of the refuse dam in Xiaping MSW landfill, China

Shi Yu Zhao (China), Han Ke, Sheng Ze Lan, Shuai Zhang, Jie Hu*

5. Response differentiation of rock characteristics under impact loading

Naigen Tan (Australia)*

6. The Slope Stability Analysis under the Coupling Effect of Earthquake and Rainfall

Yongfen Ruan (China), Bingjun Shi, Jun Yang, Shuanshuan Peng*

7. Use of forecast models for the interpretation of the stability of earthworks

Moustafa Hamze-Guilart (Brazil), Maria Eugenia Gimenez Boscov, Lineu Azuaga Ayres da Silva, Guillermo Ruperto Martin-Cortés*

8. Assessment of physical vulnerability to Landfill failure -taking Shenzhen as an example

S. Zhang (China), Y. Liu, C. Li*

9. Reliability Evaluation of Two Compacted Tropical Soils for Use in Municipal Solid Waste Containment Application

A. M. Kundiri (Nigeria), K. J. Osinubi*

10. Capacity Enhancement of a Landfill on a Sloping Ground Using Engineered Berm at the Toe

Abinash Mahanta (India), Manoj Datta, Gunturi Venkata Ramana*