

## **Zhengyang(Moira) Guo, MSc student**

Contact info:

E-mail: zg4@ualberta.ca

Office address: 5-027 Markin/CNRL Natural Resources Engineering Facility

Office phone: (780)492-9646

### **EDUCATION**

BSc, Civil & Environ Eng, 2014, University of Alberta, Edmonton, AB, Canada

### **RESEARCH**

Behaviour of Tapered Screw Pile Foundations in Unfrozen Soils

- In-situ test of screw piles in unfrozen soils subject to axial compression, axial tension and lateral load.
- Numerical modeling of soil-pile interactions in unfrozen soils.

### **PUBLICATION**

Liang, J., Guo, Z., Deng, L., Liu, Y. (2015). "MFT consolidation through microbial induced calcium carbonate precipitation." Canadian J. Civil Engineering. (in review)

### **AWARD**

Faculty of Engineering Academic Excellence Scholarship, University of Alberta, Sep.2010.

Registrar's International Student Scholarship, University of Alberta, Sep.2010.

Registrar's International Student Scholarship, University of Alberta, Sep.2011.

Continuing Undergrad International Student Award, University of Alberta, Jan.2014.

### **AFFILIATION**

Registered EIT (Engineer in Training) with APEGA