## Use of Tubifex to Consolidate Oil Sands Tailings

### PROJECT DESCRIPTION
The research will investigate the effects of Tubifex, a earthworm type, on the accelerated consolidation of oil sands tailings. Past research has demonstrated that Tubifex may be effective at a small-scale lab environment. The present research will upgrade to the large-scale column tests of Tubifex in oil sands tailings. Then changes in mechanical properties of oil sands tailings will be monitored throughout the process. The UG internship is supposed to work with a PhD/MSc student on such project.

### FACULTY-DEPARTMENT
Engineering - Civil Engineering

### OPEN TO STUDENTS FROM THE FOLLOWING INSTITUTIONS
Chinese universities participating in the *Double First-Class Initiative*.

### DESIRED FIELD OF STUDENT STUDY
Civil Engineering

### INTERNSHIP LOCATION
Edmonton Campus

### NUMBER OF INTERNSHIP POSITIONS
2

### INTERNSHIP DATES
Start: July 2, 2019  
End: October 2, 2019

### ARE THE DATES FLEXIBLE?
Yes, I am flexible regarding the internship dates. Selected students can contact me to request a date change.