

ESPC 2014 - Windsor (Ontario)



A Thaw-ful Situation: A Freezing Apparatus for Experimental Permafrost Failure

Défi: Environnement

Catégorie: Junior

Région:

Ville: ,

École:

Sommaire: This year I decided to create an engineering project. Through research I found that global warming is causing the melting of permafrost. I studied it's melting affect on structures. I tested different slope angles (0°, 10° and 20°) and different temperatures (5°C, 10°C and 20°C). I measured the effects on it's melting using time-elapse video cameras and temperature recording software.

Prix	Valeur
Prix d'excellence - Junior - Médaille d'argent Commanditaire: Sciences jeunesse Canada	300,00 \$
Bourse d'études de Western University Médaille d'argent - Bourse d'admission de 2 000 \$ Commanditaire: Université Western	2 000,00 \$
Total	2 300,00 \$