

## CWSF 2018 - Ottawa, Ontario



### Tanner Eckersley, Paul Alexander Chong

#### The Effects of Forest Fires on Soil

**Challenge:** Environment

**Category:** Junior

**Region:** East Kootenay

**City:** Cranbrook, BC

**School:** Parkland Middle

**Abstract:** British Columbia had one of the worst forest fire seasons ever in 2017. This led us to our research on the effects of forest fires on soil. We are concerned about the regrowth after the forest fires. This is important because it is more than just the trees that are affected; it is tourism, industry, and the ecosystems of the forest.

#### Biographies

Tanner - My name is Tanner Eckersley. I am 13 years old and live in the small town of Cranbrook, British Columbia with my sister, my two parents, and my dog, Molly. I have been participating in science fair since I was 7 years old. My first project was about water and surface tension. This year, I worked with a partner and did an experiment to determine the affects of forest fires on soil. I chose to do this project because I was negatively affected by the devastating fires near my home-town last summer. I was worried about the regrowth of these forests, as this is the area where my family and I camp, bike, pick berries, and spend our summers. In my s...

Paul Alexander - I have lived in Cranbrook, BC most of my life. I am 14. My friend, Tanner Eckersley and I did a project on "The Effects of Forest Fires on Soil". The inspiration for my project came from the forest fires that were ravaging my entire province last year. My hobbies include playing soccer, skiing and reading.