

## CWSF 2017 - Regina, Saskatchewan



### Kate Piché

#### Climate Change Is No Hoax

**Challenge:** Environment

**Category:** Junior

**Region:** Central Okanagan

**City:** Penticton, BC

**School:** KVR Middle School

**Abstract:** This project analyzes historical climate data for four different Canadian cities to determine if climate change is detectable in different parts of Canada, and tests whether a small, easily-portable solar charging system can reliably charge a smart phone during cloudy winter days in the Okanagan Valley in British Columbia.

#### Biography

I got the inspiration for my project from wanting to build a portable solar phone charger for my own phone. I then did some background research about climate change, and ended up creating a tool for analyzing climate data. My advice for other students starting a project is to choose a project that interests you, but that you don't understand too much about yet, so that you learn something in the process. In the future I hope to be an electrical engineer.