

## CWSF 2008 - Ottawa, Ontario



### Joshua Balanuik

#### Is Arctic Ice Losing Its Cool?

**Division:** Engineering & Computing Sciences / None

**Category:** Intermediate

**Region:** Sahtu

**City:** Norman Wells, NT

**School:** Mackenzie Mountain School

**Abstract:** This project tests the theory of Accelerated Ice Melting. Said theory states that the melting speed of ice will accelerate as the amount of melting increases, due to the water that is created absorbing more heat than the ice itself. I tested this theory using a heat-generating apparatus and ice samples from the Mackenzie River. My results showed a tendency to support the theory.

#### Biography

My name is Joshua Balanuik. I am a grade ten student at Mackenzie Mountain School in Norman Wells, Northwest Territories. My hobbies include playing video games, biking, and nearly anything involving computers and the internet. I plan to become a video game designer for Nintendo in the future. I also love listening to music and philosophizing.