



Colorado Science and Engineering Fair

2025 Individual Project Abstract Form

Please print 2 copies of the completed form. Sign both copies, keep 1 for your notebook and submit 1 copy to your Regional Fair Director with your other paperwork.

Title of Project: Bear Creek Geological and pH Analysis

Finalist's Name: Lochlan DaRonco

School and City: Evergreen Senior High School, Evergreen

Sponsor's Name: Stephanie Seevers

Category: Earth & Environmental Sciences

Division: Senior (grades 9 - 12)

Abstract (250 words or less):

Our mountain ecosystems rely on a narrow range of pH to support organisms with calcium carbonate exoskeletons, macro invertebrate species, and plant life. pH values outside of a range of 7-9 can present a threat to our ecosystems and a challenge to keeping the water safe for human consumption. My project targets one factor that could affect the pH of our mountain streams, and attempts to find a connection between the geology that the groundwater in Bear Creek comes from and the creek's resulting pH levels.

I hereby certify that the above statements are correct and the information provided in the Abstract is the result of one year's research. I also attest that the above properly reflects my own work.

Finalist's Signature:

Date:

In addition, all students must complete the ISEF Student Checklist (1A), Research Plan, Approval Form (1B), and Checklist for Adult Sponsor (1), and any other ISEF forms required for this type of project. See the International Rules and Guidelines for form requirements. Return COPIES of all of these forms to your Regional Fair Director with you Finalist Verification/Permission Form. **A signed copy of this form must be included in your notebook.**