



Colorado Science and Engineering Fair

2024 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: Return From the Brink: The effect of slurry on the natural environment

Finalist's Name: Kinleigh Hathorn

School and City: Sargent Junior High School Monte Vista, Colorado

Sponsor's Name: Terri Paulson

Category: Earth & Environmental Sciences (EAEV)

Division: Junior (6th - 8th grades)

Abstract (250 words or less):

My dad is a firefighter and I wanted to see what the chemicals they used and how they effect the environment. Do the different agents used to extinguish fires effect the regrowth of plants? Yes, yes they do. I tested different chemicals to see how fast the plants would regrow after a major wildfire, I tested slurry, Class A foam, water, and I let one extinguish itself naturally to be used as my control. I believed that the plots extinguished with water or extinguished on its own would have the fastest regrowth. But I was incorrect, the plots extinguished with Class A foam, and slurry had the fastest and most regrowth. I ran into some problems along the way, but in the end I saw it through and was fascinated by my results.

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.