

Geothermal Academy

Focus Center for Data Collection, Analysis, and Dissemination

Geothermal Uses in the San Luis Valley
February 27, 2010

CSM MISSION



*The Colorado School of Mines shall be a specialized baccalaureate and graduate research institution with high admission standards. The Colorado School of Mines shall have a unique mission in **energy, mineral, and materials** science and engineering and associated engineering and science fields. The school shall be the primary institution of higher education offering energy, mineral and materials science and mineral engineering degrees at both the graduate and undergraduate levels.*

(Colorado Revised Statutes, Section 23-41-105)

Mission of Geothermal Academy

Promote the advancement and widespread adoption of geothermal technologies through academic research, educational programs and dissemination of global project information and analytics.

- Our objective is to develop a sufficiently robust data collection and analysis framework to:
 - Accommodate many different kinds of GHP systems and environments.
 - Adequately capture economic, ecological, and social benefits of GHP systems in “policy-level” metrics according to a “triple bottom line” framework.
 - Provide policymakers with greater understanding of GHPs, to spur pro-GHP policy development.
 - Provide the GHP industry with objective benchmarking information to improve technologies and practices industry-wide.

Project Objectives

- The stronger the evidence, the stronger the policy. A policy backed by weak data is easily challenged by entrenched utilities in hearings and (later) in court as lacking an adequate factual basis.
- Such data can have additional incidental benefits with respect to:
 - The GHP industry
 - Rural Electric Cooperatives
 - Individual home/building owners

Project Goal and Vision