

Upcoming:

Snow School for Water Managers, February 19 - 21, 2020, Silverton, CO
A 2½ Day Professional Development Opportunity for Water Professionals



2019 Snow Field School was attended by nine people from Bureau of Reclamation, CWCB, Denver Water, Desert Research Institute, and Tri-State Generation & Transmission Association

Using a mixture of classroom discussion and hands-on field sessions, this workshop will enhance participant understanding of snowpack processes, snowpack monitoring, and snowpack data, by:

Reviewing Colorado's snow climatology, snowpack formation, and snowmelt processes

Discussing recent snow and climate literature

Visiting snow and weather monitoring systems, discussing site biases

Discussing snowpack, weather, and climate data sources, and their application

The workshop will be conducted by Center for Snow and Avalanche Studies director [Jeff Derry](#). The classroom sessions will be held at CSAS's Silverton office. The field sessions will

be held at CSAS's Senator Beck Basin Study Area and nearby Snotel and snow course sites on Red Mountain Pass.

Fee: \$500 (class size will be limited to 10 participants – register early). Paying with credit card? Follow this link to pay

online: <https://snowstudies.org/product/snow-school-for-water-managers/>

Registration, Questions: Contact [Jeff Derry](#), CSAS, PO Box 190, Silverton, CO 81433 (970) 231-6595

Schedule: The workshop will begin at 9 AM, Wednesday, February 19, at the CSAS office at 1428 Greene Street, Silverton. The Friday, February 21 session will be ½ day, ending at noon.

Gear: Field sessions will entail over-snow travel at 11,000' on snowshoes or skis (must have climbing skins) over short distances (up to 20 minutes) and some small hills. CSAS will provide the technical snow science equipment but participants should bring suitable over-snow equipment and a selection of warm clothing, especially footwear. No avalanche safety equipment required.

Lodging & Meals: Participants are encouraged to secure lodging in Silverton well in advance of the class. Please see below for a list of lodging options in the Silverton area. Several restaurants will be open in Silverton during the workshop. Questions? Contact Jeff Derry at the Center for Snow and Avalanche Studies at jderry@snowstudies.org

Silverton Lodging Links:

[The Teller House](#) (800)-342-4338

[The Benson Lodge](#) (970) 387-9891

[The Grand Imperial Hotel](#) (970) 387-5527

[Acme Guesthouse](#) (970) 769-6357

[Animas at the Wingate House](#) (970) 387-5520

[Boulder Mountain Resort Home](#) (970) 387-5409

[Silverton Property Management](#) offers daily and weekly rentals (970) 387-0133



CSAS is committed to continuing our tradition of hosting and instructing college and university field camps, technical workshops, and providing K-12 snow science resources. A few of our recent field education & workshops are listed below:

CSAS Hosts University of Colorado Field Camp Dr. Brandon Vogt and Dr. Emily Skop, from the University of Colorado – Colorado Springs Department of Geography and Environmental Studies, visits Silverton every year for a week-long field class in physical and cultural geography. [Read More](#)

[CSAS Hosts AIARE Level III Avalanche Professionals Course in March 2009](#)

[CSAS Hosts Minnesota State University – Mankato Field Camp](#)

[K-12 Kids Study Mountain Weather at Swamp Angel Study Plot](#)

CSAS Hosts Snow Characterization Workshop in Silverton. March 2008 Thanks to the initiative of [Dr. Hans-Peter Marshall](#) and [Dr. Martin Schneebeli](#) of the WSL Institute for Snow and Avalanche Research SLF, the CSAS was able to host their fantastically successful, hands-on workshop in high-tech snow characterization methods and theory here in Silverton on March 18-20, 2008. Marshall and Schneebeli discussed and demonstrated methods for snow casting and X-ray tomography, snow micro-penetrometer measurement and signal analysis, near-infra-red photography and specific surface area characterization methods, and FMCW radar snowcover measurements and signal interpretation; Dr. Chris Hiemstra of Colorado State University also demonstrated the use of the MagnaProbe tool, another snow

penetrometer tool used in extensive snowcover surveys throughout the Arctic and other shallow snowpacks. Photos of the Workshop can be seen on our [2007/2008 Diary page](#). All workshop participants agreed that this was a superlative experience and, for our part, we were honored to facilitate and participate.

[CSAS Hosts University of Portsmouth Field Camp at Swamp Angel Study Plot in late May 2008](#)

[CSAS co-hosts, with the University of Colorado 's Cooperative Institute for Research in Environmental Sciences, a Snow System Science Workshop](#)

[Hosted Snow Science Field Camps from Northern Arizona University, Minnesota State University, Southern Illinois University, Colorado State University, and the Colorado Rocky Mountain School](#)

[Hosted NAU, MN State and CU-Boulder Field Camps](#)

[Hosted SIU and AZ State Field Camps](#)