



Coal bed methane production and water discharge.



Colorado Chapter

Technical Conference, November 17, 2008, Estes Park, CO



Impact of Energy Development on Soil and Water Resources

- 9:50 – 10:00 a.m.** Welcome SWCS CO Chapter Technical Conference – Jorge Delgado
Conference Introduction -- Ardell Halvorson
Conference Moderator – Troy Bauder
- 10:00 – 10:30 a.m.** Perspective of the Colorado Oil and Gas Conservation Commission. Dave Neslin, Acting Director, Colorado Oil and Gas Conservation Commission
- 10:30 – 11:00 a.m.** New Coalbed Methane Water Discharge Narrative and Regulatory Policy. Gary Beers, CDPHE
- 11:00 – 11:30 a.m.** Produced Water from Energy Development on Public Lands in the Upper Colorado River Basin. Heidi Hadley, BLM
- 11:30 – 12:00 a.m.** Industry Perspective on Coalbed Methane water. Pioneer Natural Resources speaker
- 12:00 – 1:00 p.m.** Lunch
- 1:00 – 1:30 pm.** Land Application and Treatment of Coalbed Methane Co-Produced Waters: Soil Properties and Water Management. Dr. George Vance, Univ. Wyoming
- 1:30 – 2:00 p.m.** Impacts of CBM water on Irrigation Water Quality and Soil Salinity in Colorado Drainage Areas. Dr. Lorenz Sutherland, USDA-NRCS
- 2:00 – 2:30 p.m.** Partnership Approach to Controlling Salt Loading to the Colorado River. Travis James, USDA-NRCS
- 2:30 – 2:45 p.m.** Break (Coffee and soda)
- 2:45 – 3:15 p.m.** Impact of energy development on wildlife habitat (terrestrial and aquatic). Al Trujillo, Colorado Division of Wildlife
- 3:15 – 3:45 p.m.** Rancher Perspective on Managing Soil and Water Resources Impacted by Energy Development. Pat O’Toole, Rancher and President of Family Farm Alliance
- 3:45 – 4:00 p.m.** Discussion
- 4:00 p.m.** Annual meeting of Colorado Chapter SWCS – Jorge Delgado, presiding

Conference Location: Rocky Mountain Conference Center, located in Rocky Mountain Park Inn (formerly Holiday Inn), phone 970-586-2332 in Estes Park, CO. The CACD has reserved a block of rooms at a rate of \$78/night plus tax.

Registration for the November 17, 2008 Technical Conference:

Name _____ Affiliation _____

Address _____ Email _____

\$45 SWCS member (Prior to November 3, 2008)	= _____
\$55 non-SWCS member (Prior to Nov. 3, 2008)	= _____
\$60 (After November 3, 2008)	= _____
\$25 Student	= _____
Total Payment	\$ _____

Registration includes afternoon refreshments and lunch. **Make checks payable to Colorado Chapter SWCS and mail to Renee Koch, COSWCS, 33461 Co. Rd 46, Otis, CO 80743.** For further information go to the web at www.swcs.org/en/colorado_chapter/ or contact Ardell Halvorson at 970-492-7230; email: ardell.halvorson@ars.usda.gov.