



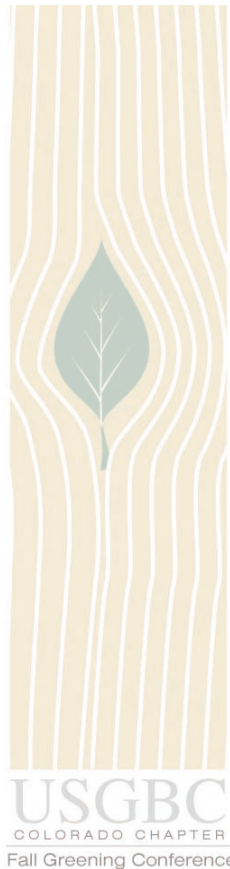
COLORADO BUILDING GREEN

OCTOBER 2003

The First Annual Fall Greening Conference in Pictures

The first annual USGBC Colorado Chapter Fall Greening Conference attracted almost 200 participants to the LEED™ workshop, solar design workshop, program sessions, gala dinner and green-building tours. Program events were held at the LEED™ Certified CH2M Hill South Building in Englewood, the 1770 Sherman Street Events Complex in Denver, and at numerous tour locations throughout the Front Range. Please join us in thanking our event sponsors, recognized on pages 3 and 4 of this newsletter. Without their generous support, this fantastic event would not have been possible.

Images courtesy of Cheryl Spector.



Program sessions introduced attendees to the LEED™ Rating System and other green-building concepts.



Conference participants were able to purchase the new Colorado Chapter LEED™ Study Guide (see page 5).



Conference attendees take a lunch break in an outdoor courtyard at the CH2M Hill facility in Englewood.



Green-building exhibitors display their products and services in the exhibitor hall adjacent to the conference rooms.



The Gala Dinner offered the chance to listen to top keynote speakers, as well as a stellar performance by musician Wendy Woo.



Gala Dinner participants socialize and network at the 1770 Sherman Street Event Complex in Denver.



VISION

Promote responsibility for Colorado's environmental legacy.

MISSION

Advance and promote responsible planning, design, construction and operation of the built environment through education, improving industry guidelines, policy advocacy, and information and resource sharing.

STEERING COMMITTEE

Annette Stelmack, Chair
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Carol Blaha
Carol Blaha Marketing, Inc.

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Swinerton Builders, Inc.

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Aardex, Inc.

Ron McNroy
Equity Office, Inc.

Cheryl Spector
Spector and Associates, PC

Lauren Yarmuth
ENSAR Group, Inc.

MEMBERSHIP UPDATE

Join the USGBC Colorado Chapter!

The USGBC Colorado Chapter is participating in a pilot membership program to involve individuals (including students), companies not in the building industry, and local companies who wish to explore the organization without committing to a full national membership. Membership in the local chapter is now available at the following levels:

- **Chapter Member** - \$50 per year (available only to individuals from USGBC-member companies)
- **Provisional Chapter Member** - \$100 for 1st year, \$200 for 2nd year (2-year trial membership with local benefits for non-USGBC member companies)
- **Chapter Friend** - \$50 per year (donation from interested individual not associated with a building stakeholder company)
- **Chapter Student** - \$25 per year (must be enrolled in accredited degree program)
- **Chapter Partner** - For local companies that do not want national benefits (see website for dues schedule)

Benefit	USGBC Member	Chapter Member	Provisional Chapter Member	Chapter Friend	Student	Chapter Partner
Receive Discounts on Chapter Events	x	x	x	x	x	x
Receive Discounts on National Events	x	x				
Receive a Local Membership Certificate					x	
Listing in Chapter Membership Directory		x	x	x	x	x
Vote in National Elections	x	x				
Vote in Chapter Elections		x				
Serve on Chapter Committees		x	x	x	x	x
Serve on National Committees	x	x				
Serve as Chapter Committee Chair		x				
Serve on Chapter Board of Directors		x				
Access to Chapter Membership Directory		x	x	x	x	x
Access to Chapter Resources		x	x	x	x	x

To join in any category except Chapter Partner, visit the USGBC website at www.usgbc.org. Click on "Chapters," locate the Colorado Chapter listing, and click on "Join this Chapter." From there you will be guided through the registration process. To join as a Chapter Partner or if you have any other questions about the membership program, please contact Greg Borst at gborst@swinerton.com.

Welcome New Colorado Chapter Members!	Christiane McNamara	Paul Adams
	Diana Scherr	Robert Clarke
	Justin Barnes	Scott Rodwin
Adam Wright	Karla Ives	Skip Hohnhorst
Annette Potter	Lauren Yarmuth	Stephania Fregosi
Carolyn Finlaison	Lawrence Hunter	Susan Bilo
Cheryl Spector	Mitch McElroy	Tom Hootman

Note

Membership statistics presented in this section reflect USGBC national members located in Colorado.

WELCOME NEW MEMBERS – SEPTEMBER 2003

Firm / Organization	City
Susan Bilo, Consultant	Lakewood
BHA Design, Inc.	Fort Collins
Corey Electrical Engineering, Inc.	Aurora
Hadji & Associates	Denver
Gwathmey Pratt Schultz	Vail
Rodwin Architecture	Boulder
Delta Construction, Inc.	Fort Collins
Davis George Architects	Denver

USGBC Colorado Membership by Year

Year	Annual	Cumulative
1997	2	2
1998	1	3
1999	5	8
2000	4	12
2001	22	34
2002	34	68
2003*	65	133

*As of September 30, 2003

Colorado Building Green is the official newsletter of the U.S. Green Building Council – Colorado Chapter, and is published monthly. The newsletter is distributed electronically via e-mail. To add or remove your name from the mailing list, or to submit story ideas and other information for publication, please contact the editor at mhoffman@designworkshop.com.

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THANK YOU TO OUR SPONSORS

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IN-KIND DONATIONS



Special Thanks to:

CH2M Hill
Tom Hoyt, McStain Neighborhoods
David Johnston, What's Working, Inc.
Paul Murray, Herman Miller, Inc.
Jen Seal, Rocky Mountain Institute
The USGBC Colorado Chapter Sub-Committees
and all of our tour hosts!

Colorado Chapter LEED™ Study Groups

by Brennan Schumacher, brennan@meritelec.com

The Colorado Chapter has organized several LEED Accreditation Exam study groups along the front range. The groups meet at 7:00 p.m. on the 2nd and 4th Monday every month at each of the following locations:

Boulder

Corner Street Bar & Cafe
2115 13th Street
Phone: (303) 442-4560

Colorado Springs

Jack Quinn's Irish Pub
21 S. Tejon Street
Phone: (719) 385-0766

Denver

Starbucks in REI
1416 Platte Street
Phone: (303) 756-3100

Fort Collins

Oak Street Cafe
147 W. Oak Street (Old Town)
Phone: (970) 492-0141

Dates and Discussion Topics

October 13th	Sustainable Sites and Water Efficiency
October 27th	Energy and Atmosphere
November 10th	Materials and Resources
November 24th	Indoor Environmental Quality and Innovations
December 8th	Test-Related Questions and Topics

Due to the holidays, there will be no study sessions on December 22nd, but the regular schedule will resume in January. This schedule is designed to allow ample time to complete test preparation in about three months.

The Colorado Chapter has only arranged locations for people to meet and discuss issues regarding the LEED rating systems and/or processes. There will not be an official moderator present at these meetings. The first person to arrive should make a sign that reads "LEED Study Group" to make others aware of who you are. If you have questions or would like to have your email added to our list for information regarding updates on LEED in our area please email Brennan Schumacher at brennan@meritelec.com.

Colorado LEED™ Projects

CERTIFIED PROJECTS

BUILDING	CITY
Sundeck Restaurant (1.0 Bronze)	Aspen
North Boulder Recreation Center (2.0 Silver)	Boulder
CH2M Hill South Building (2.0 Certified)	Englewood

REGISTERED PROJECTS

BUILDING	CITY
2004 High School	Fort Collins
Alfred A. Arraj Courthouse	Denver
Belmar 2M3	Lakewood
Boulder Community Hospital	Boulder
Byron G. Rogers U.S. Courthouse	Denver
CH2M Hill West Building*	Englewood
Children's Hospital at Fitzsimons	Aurora
Denver Place*	Denver
Donovan Park Facility	Vail
Eagle River Valley Academic Center	Edwards
Green Classrooms of Guggenheim Hall	Fort Collins
New Belgium Brewery	Fort Collins
NREL Science & Technology Facility	Golden
Pikes Peak Regional Development Center	Colorado Springs
Russell T. Tutt Science Center	Colorado Springs
Snowmass Golf Clubhouse	Aspen
University of Denver College of Law	Denver
Wellington E. Webb Municipal Building	Denver

* New!

USGBC–Colorado Chapter LEED™ Study Guide Now Available!

by Timothy Moore, tmoore@Whole-Systems-Design.com

LEED accreditation encourages understanding of the Rating System and the fundamentals of green building while providing the opportunity to gain recognition for that knowledge.

If you're planning on taking the LEED accreditation exam, or if you just want to better understand the LEED Rating System, the Colorado Chapter now has a study guide available to help. As a supplement to other USGBC resources, the guide provides targeted information on preparing for the exam and tools to assist in reviewing essential knowledge.

The guide includes an overview of LEED history and fundamentals, a summary of essential project registration and certification steps, highlights from recommended study materials, and info on how, where, and when the exam can be taken in Colorado. A description of the exam and a set of sample questions are included. Key building-related environmental, health, and economic issues are

reviewed. A broad range of green-building benefits and the mechanisms behind them are outlined along with economic considerations of green building in the context of LEED. The guide covers integration of LEED with green building design and construction and introduces the critical design charrette component of the process. An extensive list of resources and a glossary of acronyms and abbreviations are provided. The guide also has a checklist of concepts, terminology, and referenced standards associated with each LEED credit to help you determine what you may need to brush up on and to support your understanding of where the standards apply.

The \$15.00 Study Guide can be ordered by emailing Brennan Schumacher (brennan@meritelec.com) and will also be available for purchase at Chapter-sponsored events. In the future it will be made available via the Chapter web site.

GREEN NEWS

CRES Tour of Solar Homes Grows

by Corey Rhodes, crhodes@theballardgroup.com

The Colorado Renewable Energy Society (CRES) is sponsoring The first Joint Denver/Boulder Tour of Solar & Green Built Homes. The Denver Tour will be on Saturday Oct. 4th from 10am-3pm, with registration beginning at 9 am at the NREL Visitors Center in Golden. The Boulder Tour will be on Sunday Oct. 5th from 10am-4pm, with registration beginning at 9 am at the Center for Resource Conservation at 1702 Walnut St., Boulder. These Tours are also sponsored by the Center for Resource Conservation in conjunction with the 8th Annual National Tour of Solar Homes. Individual Tours will be \$15, both Tour packages are available for a discount of \$25. The homes will include a variety of technologies and home styles. From earthships to remodels and PV panels to passive solar design, there will be examples to interest all. Once again, Colorado Energy Science Center will provide seminars both the day of the Saturday Tour and the week following the Tours to provide additional information. In addition to the Tour on Saturday, approximately 20-25 exhibitors will be available at the NREL Visitors Center to answer questions on many products available in the marketplace today. For additional information, call CRES at (303)805-5317 for details, or visit the CRES website at www.cres-energy.org. We hope to see you all there.

EVENTS UPDATE

Monthly Evening Programs

With the Fall Greening Conference now complete, our regular monthly evening programs will resume in November. Join us to socialize and hear great speakers on relevant green design topics. As always, refreshments are included in the price of admission.

November's event, to be held on the 3rd, will feature Greg Gidez from Fentress Bradburn, who will discuss the LEED™ Gold-Certified headquarters building for the California Dept. of Education.

December's event, to be held on the 1st, will feature Greg Hurst from EDAAW, who will discuss site water conservation, including graywater, swales and water retention.

Time: 5:30 PM until 8:30 PM

Cost: \$15 for USGBC Members, \$20 for non-members and \$10 for students

Place: REI Flagship Store
1416 Platte Street
Denver, Colorado

CALENDAR OF EVENTS

Below is a listing of green-building related events that may be of interest to our readers. If you know of other events that should be listed in this calendar, please contact Michael Hoffman at mhoffman@designworkshop.com.

ORGANIZATION	EVENT	LOCATION	DATE	WEBSITE / CONTACT
American Solar Energy Society	Solar Building Tour	Durango, CO	Oct. 4, 2003	psenecal@compuserve.com
Colorado Renewable Energy Society	Tour of Solar and Green Built Homes	Denver/Boulder, CO	Oct. 4-5, 2003	www.cres-energy.org
Natural Building Resources	Natural Building Colloquium 2003	Kingston, NM	Oct. 5-11, 2003	www.strawbalecentral.com
U.S. Army Directorate of Env. Mgmt.	Fort Carson Sustainability Conference	Manitou Springs, CO	Oct. 8, 2003	kelly.oneill@carson.army.mil
Sustainable Sweden	Sustainable Sweden Study Tour	Sweden	Oct. 10-19, 2003	www.sustainablesweden.org
ESL/TEES	Intl. Conference for Enhanced Bldg. Ops.	Berkeley, CA	Oct. 13-15, 2003	www-esl.tamu.edu/icebo/
Energy & Environmental Bldg. Assn.	Excellence in Building Conference & Expo	Chicago, IL	Oct. 15-18, 2003	www.eeba.org
Rocky Mountain Land Use Institute	Annual Land Use Conference	Denver, CO	Oct. 16-17, 2003	www.law.du.edu/rmlui/
Georgia Institute of Technology	The Sustainable Project	Atlanta, GA	Oct. 17, 2003	www.coa.gatech.edu/conted/
Rocky Mtn. Assn. of Energy Engineers	Energy Efficiency Seminar	Westminster, CO	Oct. 17, 2003	www.rmaee.org/events.htm
Bioneers	Bioneers Conference	San Rafael, CA	Oct. 17-19, 2003	www.bioneers.org
Bioneers	Bioneers Conference	Boulder, CO	Oct. 17-19, 2003	www.bioneers.org
Intl. Facility Management Assn.	World Workplace & Facilities America Conf.	Dallas, TX	Oct. 19-21, 2003	www.worldworkplace.org
Center for Green Space Design	Green Space Design National Conference	St. Louis, MO	Oct. 20-21, 2003	www.greenspacedesign.org
CO Ofc of Energy Mgmt & Conservation	High Performance Schools Seminar	Westminster, CO	Oct. 21, 2003	www.state.co.us/oemc
U.S. EPA and Dept. of Energy	Laboratories for the 21st Century	Denver, CO	Oct. 21-23, 2003	www.epa.gov/labs21century
Aerias	Protecting Indoor Environments	Atlanta, GA	Oct. 22-24, 2003	www.aerias.org
* USGBC Colorado Chapter	Evening Program	Denver, CO	Nov. 3, 2003	www.usgbc.org/chapters/colorado
Catamount Institute	Green Development Conference	Colo. Springs, CO	Nov. 6, 2003	www.catamountinstitute.org
Georgia Institute of Technology	High-Performance Building Envelopes	Atlanta, GA	Nov. 7, 2003	www.coa.gatech.edu/conted/
U.S. Green Building Council	GreenBuild 2003	Pittsburgh, PA	Nov. 12-14, 2003	www.greenbuildexpo.com
Joint Ventures	Partners in Stewardship Conference 2003	Los Angeles, CA	Nov. 17-20, 2003	www.partnerships2003.org
* USGBC Colorado Chapter	Evening Program	Denver, CO	Dec. 1, 2003	www.usgbc.org/chapters/colorado