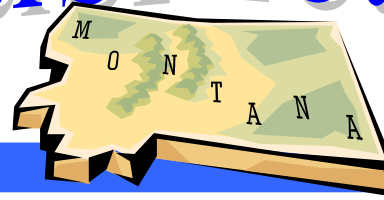




Knowledge for Creating
and Sustaining
the Built Environment

Big Sky Chapter, CSI
PO Box 853
Bozeman, Montana
59771-0853

Big Sky perSPeCtive



Volume 3, Issue 1

January 2009

CHAPTER EVENTS

Chapter Board Meetings:

Date:
3rd Thursday of the calendar
month

Time: 12:00 noon – 1:00 pm

Location:
CTA Architects & Engineers
1143 Stoneridge Drive
Bozeman, Montana 59718
(Unless notified otherwise)

Contact:
Ryan Russell, CSI, CDT, AIA-A
406-922-7132

Quarterly Chapter Meetings:

Date:
4th Tuesday of the month
January, April, July & October

Time: 6:30 – 8:00 pm

Location:
CTA Architects & Engineers
1143 Stoneridge Drive
Bozeman, Montana 59718
(Unless notified otherwise)

Contact:
Ryan Russell, CSI, CDT, AIA-A
406-922-7132

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2009 ASCE Pacific Northwest Regional Student Conference

The American Society of Civil Engineers (ASCE) student chapters of Carroll College and Montana State University will be co-hosting the ASCE Pacific Northwest Regional Student Conference in Helena on April 2 - 4, 2009. The student conference brings together approximately 300 students from 16 universities and colleges. Students from Alaska, British Columbia, Idaho, Montana, Oregon, and Washington will compete in ASCE-sponsored steel bridge, concrete canoe and technical paper competitions, along with other events that promote civil engineering.

In order to consolidate the duties of hosting such an event, the two student chapters have chosen to hold the entire conference at Carroll College, utilizing Helena’s proximity to water for the canoe races, as well as to help celebrate Carroll College’s Centennial Celebration. The MSU student chapter will coordinate the bridge competition, to be held in Carroll’s PE Center, while Carroll will coordinate the concrete canoe and technical paper competitions. Both schools will share in the planning of other events related to the conference, including a day-long Civil Engineering Career Fair scheduled for Friday April 3.

Their conference website <http://www.carroll.edu/academics/engineering/conference/index.cc> has more information on planned events and the agenda. In the near future they will send out notices for conference organizational meetings and they hope to see you there, if at all possible. In the meantime, if you have questions, please feel free to contact their faculty advisors Gary Fischer (406.447.4571, gfischer@carroll.edu) or Anders Larsson (406.994.7187, andersl@ce.montana.edu).

The Big Sky Chapter, CSI is investigating how we can participate in this Conference. If you are interested in helping put together ideas to implement, please contact any of the Big Sky Chapter officers.

2030 Implementation Guidelines

A Resource for Firms and Organizations Adopting The 2030 °Challenge

Prepared by: Architecture 2030

Synopsis

Buildings are the major source of demand for energy and materials that produce by-product greenhouse gases (GHG). Slowing the growth rate of GHG emissions and then reversing it over the next ten years is the key to keeping global warming under one degree centigrade (°C) above today's level. It will require immediate action and a concerted global effort.

To accomplish this, Architecture 2030 has issued The 2030 °Challenge asking the global architecture and building community to adopt the following targets:

- All new buildings, developments and major renovations shall be designed to meet a fossil fuel, GHG-emitting, energy consumption performance standard of 50% of the regional (or country) average for that building type.
- At a minimum, an equal amount of existing building area shall be renovated annually to meet a fossil fuel, GHG-emitting, energy consumption performance standard of 50% of the regional (or country) average for that building type.
- The fossil fuel reduction standard for all new buildings shall be increased to:
 - 60% in 2010
 - 70% in 2015
 - 80% in 2020
 - 90% in 2025

Carbon-neutral in 2030 (using no fossil fuel GHG emitting energy to operate).

These targets may be accomplished by implementing innovative sustainable design strategies, generating on-site renewable power and/or purchasing (20% maximum) renewable energy and/or certified renewable energy credits.

Responsibilities of Adoptees

Architecture 2030 asks that all firms, organizations and individuals choosing to adopt The 2030 °Challenge commit to design all of their projects to meet the targets outlined by the initiative. This requires each new building project or major renovation to be designed to achieve an energy consumption performance standard of 50% of the regional (or country) average for that project's buildings type. For new building projects, this performance standard will increase to 60% of the regional (or country) average in the year 2010. Every five years the standard will increase by an additional 10%, achieving carbon-neutral buildings in the year 2030. Major renovations are only required to meet the 50% target throughout this timeline, but are encouraged to achieve the increased reductions.

If a firm or office is unable to achieve the targeted reductions for 100% of its projects, there are no penalties. However, Architecture 2030 urges firms who wish to adopt to have a clear implementation plan that will assist designers and team members in reaching the goals outlined by The 2030 °Challenge Implementation Plan.

The 2030 °Challenge outlines real and obtainable targets for the building sector to curb global warming. In order to meet the described timeline, Architecture 2030 recommends that each firm or organization adopting The 2030 Challenge prepare a plan of action for implementing the initiative's targets.

Each implementation plan will be different and unique to suit the adopting firm or organization's structure and philosophy. However, each plan should contain the following key elements:

- Inform all partners, employees, consultants and clients that the firm has adopted The 2030 °Challenge. Explain what The °Challenge entails and why the firm has committed to its targets.
- Establish energy-efficiency as a central tenet of your firm's design philosophy. Require energy-wise practices in the firm's day-to-day activities.
- Require that all employees become educated in the design of energy-efficient buildings. Outline energy-efficient design strategies, technologies, and opportunities for each project. Organize regularly scheduled meetings to discuss how this information can be applied to all projects.
- Engage clients in discussions relating to energy efficiency. Explain that reducing carbon emissions from the building sector is now a major focus for the firm and that the firm plans to incorporate cost-effective design strategies that should not increase the overall cost of the work. Provide a life-cycle cost analysis for each project and encourage clients to review those costs to ascertain the true cost of each project.
- Establish a portfolio of the firm's work that highlights energy efficiency. Demonstrate that the firm's designers are knowledgeable professionals, with regard to energy-efficient design, who can produce quality projects within an allotted budget that meet an agreed upon schedule.
- Hire consultants and engineers who have adopted The 2030 °Challenge and have a similar implementation plan within their firm. Approach every project with an energy focus and review the project for further energy reductions at every stage of development.
- Create a database that contains energy-consumption statistics for your projects. Include outside projects as a reference if your firm does not have a portfolio of energy-efficient work yet. Use this information as a tool to analyze strategies that work and those that may need improvement. Share this information with clients and collaborators. Include each completed project's energy achievements in the database.
- Verify that your project meets The 2030 °Challenge targets, either through a final energy-analysis or through post-occupancy measured consumption. Document this data for future reference and in the firm's portfolio to establish an energy priority.

Big Sky Chapter is a Registered CSI CEN Provider

Big Sky Chapter members now have another incentive to attend chapter meetings . . . continuing education credits!

On September 24, 2007, the Big Sky Chapter received a letter of approval from Jeff Iwankow, Chief Operations Executive for CSI's Construction Education Network, indicating that our application had been approved. The CSI CEN program sets the industry standards for continuing education programs, based on International Association for Continuing Education and Training (IACET) criteria. CSI CEU's and HSW continuing education credits are accepted by licensing, certification, and accreditation agencies. [Click here for the CEN Brochure](#)



[Find a CSI Chapter](#)

CSI Member Referral Program:

Spread the wealth and invite more people to enjoy the benefits of being a CSI member! Between **July 1, 2008** and **April 30, 2009** CSI members who refer new members will be entered in a sweepstakes drawing. The **prize is a one-year, CSI national membership** (chapter membership dues not included) -- a \$220 value! Make sure the members you recruit put your member number in the appropriate space when completing CSI's online or paper application forms. For each new member you recruit, you'll get one sweepstakes entry. The more you bring in, the more chances to win!

Membership is not a spectator sport!



ATTENTION ALL MEMBERS!!

Help us stay connected... If any of your contact information is out of date, please go to the CSI website at CSInet.org and log in using the information provided on your membership card. You will then go to the Membership page and choose "Modify your Profile" from the box in the bottom left corner of the page.

Please make sure CSI has your current email address – thanks!

Big Sky Chapter

Membership Award Levels:

- 1+ new member - Free dinner at Chapter Meeting (\$20 value)
- 5+ new members - Chapter Dues paid for 1 year (\$40 value)

NEW CHAPTER MEMBER COUNT 3

2010 CSI Northwest Region Conference - West Yellowstone

The Big Sky Chapter and the Idaho Chapter will co-host the 2010 CSI Northwest Region Conference on September 23-26, 2010. The groundwork is already underway to host the conference at the Holiday Inn Sunspree Resort in West Yellowstone, Montana. The Conference agenda includes a tour of Yellowstone National Park; optional river rafting and golf; and numerous educational opportunities.

We need volunteers on several committees to help in making this a great event for all in attendance. Contact any of the Chapter Officers for listing of committees.



Old Faithful Geyser
Yellowstone National
Park

Big Sky Chapter of CSI

What do you want out of it...what are you willing to put into it?

[CONSTRUCT2009](#) and the CSI Convention, scheduled for June 17-19, 2009 at the Indiana Convention Center in Indianapolis, Indiana



CONTACT US:

Articles, 250 words or less, are requested for this monthly newsletter. If you have articles or information to be shared with the Montana members, please send by e-mail to:
<http://xinbox.com/q9chjf>

We're on the Web!
<http://csibigsky.org>



CHAPTER CONTACTS

- President:**
Temporarily Vacant
- Vice President:**
William Lynch, CSI, PE
- Secretary/Treasurer:**
Ryan Russell, CSI, CDT, AIA-A
- Director:**
Robert J. Morrison, CSI, PE
- Director:**
Mary M. Case, CSI
- Immediate Past President:**
Jan E. O'Brien, CSI, Architect
- Membership:**
Gary Simonich, CSI, CDT, PE
- Newsletter Editor:**
Jan E. O'Brien, CSI, Architect

[Northwest Region Contacts](#)

CSI BIG SKY CHAPTER #146

CSI Membership Committee Notes

Jan E. O'Brien, CSI

The Membership Committee is putting out a monthly electronic newsletter for Chapter President and Membership Committee Chairman to review how our Chapter is doing in comparison with other chapters in the Northwest Region and in CSI-land in regards to membership growth. Since every member of the Big Sky Chapter is on the Membership Committee, it's important for you to see how we are doing. To save you time searching for the newsletter on the CSI Website, you can click on the following link: [CSI MEMCOMMunications newsletter](#).



Have you shared CSI with anyone today?

"Those who write clearly have readers; those who write obscurely have commentators."
--Albert Camus

A View From the B.U.S.*

*Burr Under the Saddle



Jan E. O'Brien, CSI

Did you notice the small typo in the December issue of the *perSPECTive*? Our proof-reader was out shoveling snow and missed it too.

A new year is almost upon us. Here's a little something I saw on the internet that perhaps we could all use in these hectic days . . . the B.U.S. included! Happy New Year to all of you

PROCRASTINATION

Five Common Excuses

These five common excuses are crutches. They are easy to use ---- Don't! Print these out and post them within eyesight to remind you they are what they are--- EXCUSES.

1. There's never enough time.

"I don't buy it. You need to make time to establish priorities that lead to your success."

2. There are always so many distractions. Everything is urgent.

"Learn to prioritize based on importance. Address things that are in alignment with your objectives"

3. I get tired of beating my head against the wall.

"Don't lose your motivation, be persistent – don't give up. Success may be right around the corner."

4. What will my boss think? What will people say?

"Learn to ask for forgiveness instead of permission. If you have thought things through, done adequate research, go for it."

5. Lack of confidence. It's better to do nothing than to make a mistake.

"Believe in yourself. It isn't a crime to make a mistake. "Good judgment is based on experience and experience is based on bad judgment." (S. Kauffman) A mistake is one of the greatest learning tools known to man."



-X-

The President's Specs

- Construction Documents Technology (CDT)
- The Certified Construction Specifier (CCS)
- Certified Construction Contract Administrator (CCCA)

Top Ten Reasons To Get Certified

1. Maximize your professional credentials.
2. Earn industry-wide respect and recognition.
3. Optimize your competitive edge.
4. Enhance your knowledge and skills.
5. Boost your earnings potential.
6. Demonstrate your expertise.
7. Show your commitment to excellence.
8. Build your confidence ever higher.
9. Prepare for greater on-the-job responsibility.
10. Promote the highest standards for professional conduct.

