



## 2018 Chapters Regional Conference

August 2-4, 2018 in Sioux Falls, SD

A nighttime photograph of a cityscape in Sioux Falls, SD. The image shows a river flowing through the city, with a bridge crossing it. The city lights are reflected in the water. The sky is dark blue.

 **Hilton**  
**Garden Inn**<sup>TM</sup>

**Hilton Garden Inn**  
**Sioux Falls Downtown**

201 E 8th Street  
Sioux Falls, SD 57103

605.444.4700

## Member Registration

\$190 (\$240 after June 30)

Wednesday, August 1st

4-6 pm Registration

Thursday, August 2nd

12-6 pm Registration  
8 am-3 pm Golf Outing \*\*  
3:30-5:15 pm Executive Session 1 \*  
5:30-7 pm [Welcome Party](#)  
7:05-10:30 pm SF Canaries Game \*\*  
9:30 pm Nebraska Hospitality Suite

Friday, August 3rd

8 am-5 pm Registration  
8:30-11:30 am Business Session 1  
11:45 am-1 pm [Presidential Luncheon](#)  
1:30-2:45 pm Executive Session 2 \*  
3-5 pm [Technical Sessions](#)  
5:30-8 pm [Falls Park Overlook Café Dinner](#)  
9:30 pm Nebraska Hospitality Suite

Saturday, August 4th

7-8 am Executive Session 3 \*  
8 am-12 pm Registration  
8:15-11:15 am CTTC Workshop  
8:15-9:45 am Membership Workshop  
8:15-9:45 am Workshop  
8:15-9:45 am History Workshop  
8:15-9:45 am Student Activities Workshop  
9:45-11:15 am YEA Workshop  
9:45-11:15 am Workshop  
9:45-11:15 am Chapter Treasurer Training  
11:45 am-1:15 pm [Awards Luncheon](#)  
1:30-3:30 pm Business Session 2  
3:30-4:30 pm CRC Committee Wrap-Up  
5:30-8 pm [Dinner - Ode to Food and Drinks](#)

## Companion Registration

\$90 (\$120 after June 30)

Wednesday, August 1st

4-6 pm Registration

Thursday, August 2nd

12-6 pm Registration  
8 am-3 pm Golf Outing \*\*  
11 am-2 pm Downtown Food Tour \*\*  
5:30-7 pm [Welcome Party](#)  
7:05-10:30 pm SF Canaries Game \*\*  
9:30 pm Nebraska Hospitality Suite

Friday, August 3rd

8 am-5 pm Registration  
9-11 am Downtown Food Tour \*\*  
11:45 am-1 pm [Presidential Luncheon](#)  
1:30-5 pm Stensland Family Farm Tour \*\*  
5:30-8 pm [Falls Park Overlook Café Dinner](#)  
9:30 pm Nebraska Hospitality Suite

Saturday, August 4th

8 am-12 pm Registration  
9-11:30 am Discover Washington Pavilion \*\*  
11:45 am-1:15 pm [Awards Luncheon](#)  
5:30-8 pm [Dinner - Ode to Food and Drinks](#)

Visit [www.SDASHRAE.org](http://www.SDASHRAE.org) to register online and make hotel reservations. All items are subject to change. Breakfast is on your own. Call the front desk for hotel restaurant hours or recommended local establishments outside of the hotel.

### Schedule Key

\* Open to delegates, alternates, and officers only.  
\*\* Denotes à la carte options.  
[Underlined](#) events are included with registration.





## Standard Double Queen Room

\$149+tax/night

## Standard Single King Room

\$149+tax/night

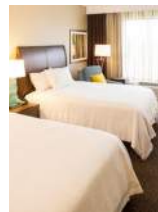
**Use the link below to book your reservation directly** – No need to complete the Group Code or Corporate Account. If additional nights, including Wednesday, August 1, or other accommodations are needed, please call the hotel directly at 605.444.4700 and let them know you are part of the ASHRAE CRC 2018 group.

**MAKE A RESERVATION**

## Amenities & Services

**CRAVE American Kitchen & Sushi Bar**  
**Free High-Speed Internet**  
**Riverview Rooms**  
**Fitness Room**  
**Deluxe Bedding**  
**Complimentary Newspaper**  
**24-Hour Pavilion Pantry Market**  
**Lounge**  
**Room Service**  
**Coin Laundry**  
**Laundry/Valet Service**

**Free Underground Parking**  
**Outdoor Patio**  
**Airport Shuttle**  
**24-Hour Business Center**  
**Heated Indoor Pool**  
**Baggage Storage**  
**Local Area Transportation**  
**Nearby Shopping**  
**Safety Deposit Box**





## Jim Vallort

Senior Vice President, ESD

CHICAGO, IL

Jim Vallort has spent his career focusing on energy: ranging from measuring energy usage, optimizing the systems, integrating automation to control energy and the impact of commissioning on energy consumption.

Jim is a Senior Vice President with ESD headquartered in Chicago, IL, a consulting engineering firm. Jim also serves as an ASHRAE Society Vice President for the 2015-2016 Board of Directors. He currently serves as a member of Standard Project Committee 211P, Standard for Commercial Building Energy Audits, and Technical Committee (TC) 7.9, Building Commissioning. Jim previously served on the Board as a director-at-large in 2005-08 and as Region VI director and Regional Chair in 2001-04.

Jim has over 20 publications and numerous presentations under his belt on topics ranging from Energy Efficiency, Automation and Commissioning to Underfloor Air Distribution. He has been an invited speaker at multiple fortune 500 companies educating their staff on building automation, energy efficiency, existing building commissioning and new construction commissioning. He brings a unique perspective on the constructability and real world aspects of our industry having been a union pipefitter, spent years in the field commissioning projects, combined with the experience as a mechanical designer, building automation designer and energy modeler.

Jim's greatest joy at work is teaching and mentoring others on the mix of art and science that is required to solve today's challenges in the engineering community. Vallort is the recipient of the ASHRAE Exceptional Service Award, ASHRAE Distinguished Service Award and an Excellence in Engineering Award from the ASHRAE Illinois Chapter in 1998.

Jim Vallort plays a large role in organizing one of ASHRAE's largest, best-attended, and most profitable Conferences held in Chicago every three years. Vallort served as advisor to the most recent 2015 ASHRAE Winter Conference; co-chaired the Chicago meetings in 2012, 2006, 2003 and 1999; and served as chair of the ASHRAE Centennial Meeting in 1993; he organized the Technical Tours and was on the Entertainment Committee for the 2009 Chicago Winter Conference. His earlier service includes Technology Council, the Planning Committee, the Standards Advisory Committee and a presidential ad hoc Committee on Certification. He also served as chair of the CIBSE/ASHRAE 2000 Joint Conference Steering Committee, the Member Council ad hoc Committee on Young Engineers (YEA) and the Society Program Committee and vice chair of the CIBSE/ASHRAE 2003 Joint Conference Steering Committee. He was president of the Illinois Chapter in 1999-2000.

## Intelligent Buildings: Technology Is Changing What Is Possible In The Built Environment

**GBCI Approved | 1 CE Hour** 0920010404

**AIA Approved | 1 LU** JVALLORT01

There is a lot of buzz around Intelligent, or Smart, Buildings, but what is an Intelligent Building? This presentation will examine the answers to this question and how you can put your building on its path to a "higher education".

Advancements in technology have given the engineer the ability to aggregate and share data across disparate systems thereby creating opportunities to increase energy and operational efficiencies, improve occupant comfort, safety, productivity, and enrich the visualization capabilities for the organization's numerous internal and external stakeholders. The intelligent building platform will result in a more efficient, secure and productive asset that has the capacity to continuously improve over its lifetime.





## Bruce K. Wylie

Research Physical Scientist, USGS Earth Resources Observation and Science Center

SIOUX FALLS, SD

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ResearchGate H index: 38.69 (>95% of members)

### Education

- |      |       |  |
|------|-------|--|
| 1991 | Ph.D. | Range Science, Remote Sensing (Minor), New Mexico State University, Las Cruces |
| 1989 | M.S.  | Range Science, New Mexico State University, Las Cruces                         |
| 1979 | B.S.  | Range Management, University of Montana, Missoula                              |

### Professional Experience

- |              |  |
|--------------|--|
| 2009-Present | Research Physical Scientist USGS EROS, Sioux Falls, SD                     |
| 2008-2009    | Scientist ASRC Research and Technology Solutions at USGS EROS, Sioux Falls |
| 2002-2008    | Principal Scientist SAIC at USGS EROS, Sioux Falls, SD                     |
| 1996-2002    | Principal Scientist Raytheon at USGS EROS, Sioux Falls, SD                 |
| 1994-1996    | Research Associate Augustana College, at USGS EROS, Sioux Falls, SD        |
| 1991-1994    | Post doc, Great Plains Systems Research, USDA ARS, Ft. Collins, CO         |

### Currently Active Grants

- |           |  |
|-----------|--|
| 2007-2018 | USGS Program Biofuel, C flux, and Cheatgrass (PI) / \$462,900/yr   |
| 2017-2018 | Fish and Wildlife Service, Downscaling cheatgrass maps from 250m to 30m at selected wildlife refuges (PI) / \$13,000 |
| 2017-2018 | Bureau of Land Management: "Great Basin Cheatgrass " (PI) / \$80,000   |
| 2017-2018 | USGS Land Remote Sensing program Harmonizing Landsat and Sentinel (PI) / \$60,000                                    |

## Alaska Land Cover Change

Bruce will discuss a new publication illustrating the probability of land cover change in Alaska and exploring the drivers of carbon and permafrost in Alaska. He will share his research and field work and talk about the potential impact of his findings for the lower 48 and Europe.







## Thursday, August 2

### Golf Outing / \$75

8 am-3 pm - [Willow Run Golf Course](#)  
Transportation to and from hotel, 18 holes, cart, and lunch included.  
Golf club rentals available for \$35/person.

### Downtown Food Tour / \$25

11 am-2 pm - [Downtown Sioux Falls](#)  
Small lunch and drink included.



### Baseball Night at the Birdcage / \$30

7:05-10 pm - [Sioux Falls Stadium](#)  
Transportation to and from hotel, entry, dinner, and drink ticket included.

## Friday, August 3

### Downtown Food Tour / \$25

9-11 am - [Downtown Sioux Falls](#)  
Small brunch and drink included.

### Stensland Family Farm Tour / \$20

1:30-5 pm - [Stensland Family Farm](#)  
Includes transportation to and from hotel and all the milk you can drink.



## Saturday, August 4

### Discover Washington Pavilion / \$16

9-11:30 am - [Washington Pavilion](#)



## Events Around Sioux Falls

### Thursday, August 2nd

- **Storyland Children's Theatre / 10 AM**  
Storyland Children's Theatre delights audiences with songs and interactive plays in McKennan Park.  
<http://www.siouxfalls.org/>
- **Canaries Baseball vs. Kansas City T-Bones / 7:05 PM**  
The Sioux Falls Canaries play a home game at Sioux Falls Stadium.  
<http://sfcanaries.com/>

### Friday, August 3rd

- **Downtown Block Party on the Eastbank / 5:30 PM**  
DTSF treats you to the ultimate block party experience on the Eastbank of downtown Sioux Falls.  
<https://visitsiouxfalls.com/>
- **Washington Pavilion Free First Fridays / 5-8 PM**  
Enjoy free and discounted activities at the Washington Pavilion the First Friday of every month!  
<http://www.washingtonpavilion.org/>

### Saturday, August 4th

- **Falls Park Farmers Market / 8 AM-1 PM**  
Purchase fresh produce and locally grown items in downtown Sioux Falls.  
<https://www.fallsparkfarmersmarket.com/>
- **Outdoor University / 9 AM**  
This is a free annual event at The Outdoor Campus features canoeing, fishing, archery, and more.  
<https://gfp.sd.gov/education/>
- **Moonlight Movies / DUSK**  
Bring a blanket or chair and enjoy a free outdoor movie at Fawick Park! Show starts at dusk.  
<http://dtsf.com/>

## Food & Drink

### Restaurants

- **CRAVE** / American kitchen and sushi bar
- **Ode to Food and Drinks** / American meat and seafood
- **Jacky's** / authentic Mexican and Guatemalan dishes
- **Bread & Circus** / gourmet sandwiches and craft beers
- **Minervas** / upscale Midwest chain with a diverse menu

### Specialty

- **Mama's Ladas** / homemade enchiladas
- **CH Patisserie** / fine desserts, pastries, and candies
- **Sanaa's Gourmet** / great Mediterranean lunch spot
- **The Blarney Stone Irish Pub** / authentic Irish pub

### Coffee

- **Coffea Roasterie and Espresso Bar**
- **The Source Coffee Roastery + Taproom**
- **Josiah's Coffeehouse & Café**

## Local Attractions

### Top Attractions & Hotspots in Sioux Falls

- **Falls Park**  
<https://visitsiouxfalls.com/things-to-do/falls-park/>
- **SculptureWalk**  
<https://sculpturewalksiouxfalls.com/>
- **79th Annual Sioux Empire Fair / AUGUST 3-11, 2018**  
<http://www.siouxempirefair.com/>
- **Palisades State Park**  
<https://gfp.sd.gov/parks/detail/palisades-state-park/>
- **Washington Pavilion**  
<https://www.washingtonpavilion.org/>
- **Museum of Visual Materials**  
<https://sfmvm.com/>
- **Old Courthouse Museum**  
<http://www.siouxlandmuseums.com/>
- **Sertoma Butterfly House & Aquarium**  
<https://butterflyhousemarinecove.org/>
- **8th & Railroad Center**  
<https://visitsiouxfalls.com/>

### Sioux Falls Breweries

- **Remedy Brewing Company**
- **WoodGrain Brewing Co.**
- **Hydra Beer Company**
- **Monk's House of Ale Repute**
- **Fernson on 8th**
- **Granite City Food & Brewery**

### Bars

- **Icon Lounge + Events**
- **PAve**
- **Carpenter Bar**
- **Crawford's Bar & Grill**
- **Over Time Sports Grill & Bar**







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HOSTED BY



**South Dakota**  
Chapter