

MAIL IN REGISTRATION FORM

NAME: _____

EMAIL: _____

COMPANY: _____

PHONE: _____

Advance registration for SDES members

Postmarked by 9/16/19 _____ \$100

Registration for SDES members

Postmarked after 9/16/19 _____ \$110

Advance registration for non-members

Postmarked by 9/16/19 _____ \$175

Registration for non-members

Postmarked after 9/16/19 _____ \$195

Paid registration includes one luncheon.

Luncheon tickets for students

or guests _____ \$25

Registration for students w/o lunch

_____ Free

Scholarship Fund Raffle Tickets

Individual Tickets _____ \$5

Book of 5 Tickets _____ \$20

We'll fill out your tickets for you!

Sponsorship Opportunities

Thank you to our sponsors!

Break Sponsor _____ \$100

Lunch Sponsor _____ \$200

Speaker Sponsor _____ \$100

No refunds after 9/18/19. Substitutions are accepted.



PO Box 1076
Pierre, South Dakota 57501

Visit www.SDES.org for more
conference information!



South Dakota Engineering Society Fall 2019 Professional Development Hours (PDH) Conference

October 3rd, 2019

SDES and ACEC Member Meetings And Social

October 2nd, 2019

Hilton Garden Inn

815 E. Mall Drive
Rapid City, SD

Hosted by the
SDES Black Hills Chapter

Program Agenda
South Dakota Engineering Society
PDH Fall 2019 Conference
Thursday, October 3rd, 2019

7:00 – 8:00a Conference Check-In & Registration

8:00 – 8:10a Welcome & Introductions

Session #1 PDH Value 1.5

8:10 – 9a Technology Development & Business Development: From 3-D Printing to Additive Manufacturing
Shon Anderson, CEO, B9Creations
Scott Reisenauer, PE, COO, B9Creations

9 – 9:30a Analyzing & Promoting Engineering Projects with Renderings & Animations
James Unruh, PE, Senior Project Manager
HDR Engineering, Inc.

9:30 – 10a Break

Session #2 PDH Value 2.0

10 – 10:30a 2019 Flooding in South Dakota: Measuring New Records in Streamflow
Galen Hoogestraat, Hydrologist
U.S. Geological Survey, Dakota Water Science Center

10:30 – 11a Community Development Planning
Ken Young, Community Development Director
City of Rapid City

11a – 12p Can Microbial Biocements Deliver as Advertised for Remediation of Erosion Potential?
Dr. Bret Lingwall, PhD, PE
Assistant Professor, SDSMT

12 – 1p Lunch

Session #3 PDH Value 1.5

1 – 1:30p Cook Lake Landslide Monitoring
Eric Krantz, PE, RESPEC, Inc.

1:30 – 2:30p Structural Design of the Mt. Rushmore Solar Canopy
Kevin Crosby, LEED AP, Sustainability Mgr.
Xanterra Travel Collection
James Mallard, Design Engineer
KPFF Consulting Engineers

2:30 – 3p Break

Session #4 PDH Value 2.0

3 – 3:30p Investing in Reliability
Mark Eyre, Director of Electric Operations
Black Hills Energy

3:30 – 4p Soil Nail Slope Stabilization
Jesse Nelson, Project Engineer
South Dakota Department of Transportation

4 – 4:30p Engineering Licensure
Michael Albertson, PE, Principal
Albertson Engineering, Inc.

4:30 – 5p Rapid City Landfill Cell 18
Alex Fisher, Vice President
FMG Engineering

Agenda subject to change.

Pre-Conference Meetings & Social
Wednesday, October 2nd, 2019

1 – 3p SDES Board & Membership Mtg.

3 – 5p ACEC Board & Membership Mtg.

5 – 7p SDES & ACEC Member Social
Dakota Point Brewing
405 Canal Street Suite 1200, Rapid City, SD

Visit www.SDES.org for more conference and speaker information!

Registration

Early registration deadline is Sept. 16th.

Please register in one of the following ways:

- **Online at www.SDES.org**
Click on the Fall Conference under Upcoming Events to register online and access the program and speaker biographies. Online registrants must pay by credit card at time of registration.
- **U.S. Mail**
Please make your check payable to SDES and mail with the completed registration form to:
South Dakota Engineering Society
P.O. Box 1076
Pierre, SD 57501

Registration Questions? Please contact:

Nancy Hoines, Executive Director
605.951.1004
sdengineeringsociety@gmail.com

Lodging Information

A room block is reserved at the Hilton Garden Inn Rapid City at \$91 for the evenings of October 2nd and 3rd. Individual reservations can be made by calling 605.791.9000 and requesting the South Dakota Engineering Society room block. The conference rate is only available until 11:59 p.m., September 11th. Other hotels in the area include:

Country Inn & Suites 605.394.0017
Holiday Inn Express 605.355.9090
Best Western Ramkota 605.343.8550

SDES Black Hills Chapter Scholarship Fund

Support the Black Hills Chapter Scholarship Fund by purchasing a raffle ticket and your chance to win half of the 50/50 Raffle! Drawing will be held at the conference. Need not be present to win.