

2015 SDES Annual Conference
Program Agenda South Dakota Engineering Society
55th Annual Conference – Ramkota RiverCentre – Pierre, SD
April 8 – April 10, 2015

Wednesday, April 8, 2015

1:00pm - 6:00pm Registration - Lake Oahe Lobby
 2:00pm - 5:00pm SDES Board Meeting – Lake Sharpe
 5:30pm - 10:00pm Hospitality Room – Courtyard Area & Room 1181
 (Sponsor: **Dakota Concrete Pipe Association**)

2:45pm - 3:10pm

- A** David Patrick, EcoAsset Management
 “Wetland, Stream and Species/Habitat Mitigation Banking in South Dakota”
- B** Aaron Breyfogle, P.E., South Dakota Department of Transportation
 “Vehicle Impact Loads on Existing 2 Column Bents and Retrofitting with MN Struts”

Thursday, April 9, 2015

6:30am – 8:00am ASCE Annual Meeting – Lake Lewis & Clark

7:00am – 5:30pm Registration – Lake Oahe Lobby

General Session #1 - Amphitheater II – (2.0 PDH)

Moderator: Laurie Schultz, P.E., Central Chapter

8:00am – 8:10am Welcome – Mayor Laurie Gill

8:10am – 9:00am

- Mike Mueller, South Dakota Bureau of Administration
 “State Capitol Stained Glass Restoration”

9:05am – 9:30am

- Brent Schiller, P.E., S.E., HDR
 “Fremont County Bridge Inspection Project”

9:35am – 10:00am

- Darin Hodges, P.E., South Dakota Department of Transportation
 “Portland Cement Concrete Pavement (PCCP) Unbonded Overlays”

10:00am – 10:25am **BREAK & Vendor Exhibits – Gallery B & C**

General Session #2 – (2.0 PDH)

Concurrent Session A - Amphitheater I

Concurrent Session B - Amphitheater II

Moderators: Beth Niemeyer, P.E., Eastern Chapter & Tim Bjorneberg, P.E., CE Chapter

10:25am – 11:15am

- A** Doug Gorham, South Dakota Office of Emergency Management
 Charles Bello, Federal Emergency Management Agency
 “How we can help entities keep FEMA money”

- B** Al Erickson, P.E., HDR
 “Cedar Shore Marina Landslide Stabilization”

11:20am – 12:10pm

- A** Dennis Todey, PhD, South Dakota Climatologist
 “South Dakota Climate in a Time of Change”
- B** Shelley M. Larson, South Dakota Department of Transportation
 “Highway 34 Emergency Dam Repair for Howes Grazing Lake and Lake Buffalo”

12:10pm – 1:50pm **LUNCH & Awards – Gallery A**

State of NSPE – Kodi Jean Verhalen, P.E., Esq., F.NSPE, NSPE V.P.
 Installation of New Officers – Kodi Jean Verhalen, P.E., NSPE V.P.
 Awards – Laurie Schultz, P.E., State Awards Chair

General Session #3 – (1.5 PDH)

Concurrent Session A - Amphitheater I

Concurrent Session B - Amphitheater II

Moderators: Phil Gundvaldson, P.E. & Ryan Johnson, P.E., Eastern Chapter

1:50pm - 2:40pm

- A** Mike Larson, President, Larson Data Communications
 “Advancements and Trends in Wireless Systems Technology”

- B** TJ Newkirk, Otter Tail Power Company
 “Air Quality Control System Upgrade and New Regulations – Impacts on Big Stone Plant’s Coal Ash”

3:10 pm – 3:35pm **BREAK & Vendor Exhibits - Gallery B & C**

General Session #4 – Amphitheater II - (1.5 PDH)

Moderator: Al Berreth, P.E., Central Chapter

3:35pm – 4:25pm

- James Kliewer, EIT, Office of the State Engineer
 “Veterans Affairs Building in Hot Springs”

4:30pm – 4:55pm

- Andy Vandel, P.E., South Dakota Department of Transportation
 “I-229 High Friction Surface Treatment”

5:00pm – 5:25pm SDES Membership Meeting - Amphitheater II

5:30pm – 6:30pm **Social Hour & Vendor Exhibits – Gallery B & C**

Friday, April 10, 2015

7:00am – 8:00am **BREAKFAST – Gallery A**

General Session #5 - Amphitheater II – (2.0 PDH)

Moderator: Ray Pierson, P.E., Eastern Chapter

8:00am – 8:25am

- Eric Stasch, Army Corps of Engineers
 “Oahe Dam Spillway Erosion Study”

8:30am – 8:55am

- David Huft, P.E., South Dakota Department of Transportation
 “Intelligent Transportation Systems (ITS) in South Dakota”

9:00am – 10:00am

- Bill Roggenthen, PhD, EIT, South Dakota School of Mines & Technology
 “A South Dakota Approach to Research in the Properties of Shale”

10:00am – 10:25am **BREAK & Vendor Exhibits - Gallery B & C**

General Session #6 - Amphitheater II – (2.0 PDH)

Moderator: Kent Woodmansey, P.E., Central Chapter

10:25am – 10:50am

- Andrew Berg, P.E., City of Sioux Falls
 “Sioux Falls Flood Control System: Map Revisions and System Operations”

10:55am – 11:20am

- Tyler Artz, Student, South Dakota School of Mines & Technology
 “Ventilation System Design for the Sanford Underground Research Facility”

11:25am – 11:50am

- Karl Merbach, City of Rapid City
 “Rapid City Landfill, Citizen Campus”

11:55am – 12:20pm

- Terry Aaker, P.E., SPN & Associates
 “Lower Brule Rural Water System Water Intake, Problems That Can Occur”

12:30pm – Past Presidents Luncheon - Courtyard
All Past Presidents Are Invited to Attend

11 PDH’s available if attending all sessions. Attendee to sign and verify PDH’s claimed in space provided to the right.

Signature of Attendee _____ PDH Claimed _____ Date _____

Please check box of sessions attended to track PDH credits