



SDSPLS 39TH ANNUAL CONVENTION SCHEDULE

Access Convention Handouts at
sdspls.org

Wednesday, January 5, 2022

- 11:00 am – 1:00 pm **Registration** (*Pre-function Corridor*)
- 1:00 pm – 1:05 pm **Welcome and Introductions** (Pine Crest C & D)
SDSPLS 2021 President Jon Collins, PLS
Deadwood Mayor – David Ruth
- 1:05 pm – 2:00 pm **The Modernized National Spatial Reference System** (Pine Crest C&D)
David Zenk
- 2:00 pm – 2:15 pm **Coffee Break and Exhibits** (*Pre-function Corridor*)
- 2:15 pm – 3:50 pm **A (Re)Survey of One Hundred Stones – Part 1** (Pine Crest C & D)
Gene Kooper
- 3:50 pm – 4:05 pm **Coffee Break and Exhibits** (*Pre-function Corridor*)
- 4:05 pm – 5:00 pm **A (Re)Survey of One Hundred Stones – Part 2** (Pine Crest C & D)
Gene Kooper
- 5:30 pm – 8:00 pm **Exhibitor's Icebreaker**
Presentation of Scholarships
Live Scholarship Fundraising Auction
Adam Karrels, Auctioneer (*Pine Crest C & D*)

Thursday Morning, January 6, 2022

- 7:00 am – 7:45 am **Past Presidents & Guests Breakfast** (*Cody*)
- 7:00 am – 7:45 am **Continental Breakfast** (Pine Crest C & D)
- 8:00 am – 9:15 am *Concurrent Session A* (Pine Crest C & D)
Intro to Fractional Sections (CFED course)
Blaise Lodermeier
- Concurrent Session B* (Pine Crest B)
Surveying “Down Under”
Randy Deibert & Linda Foster
- 9:15 am – 9:30 am **Coffee Break** (*Pre-function Corridor*)
- 9:30 am - 10:30 am *Concurrent Session A* (Pine Crest C & D)
Intro to Fractional Sections Cont. (CFED course)
Blaise Lodermeier

Concurrent Session B(Pine Crest B)

How to Properly Determine or Produce BFEs in Zone A, AE & AO
FEMA

10:30 – 10:45 am **Coffee Break** (*Pre-function Corridor*)

10:45 – 11:45 am *Concurrent Session A (Pine Crest C & D)*
BLM Administrative Processes (CFED course)
Tasha Huhta

Concurrent Session B(Pine Crest B)

Elevation Certificates
FEMA

11:45 am – 1:00 pm **Lunch** (*Pine Crest C & D*)
Sandford Underground Research Lab
Mike Headly

Thursday Afternoon, January 6, 2022

1:00 pm – 2:00 pm *Concurrent Session A (Pine Crest C & D)*
BLM Administrative Processes (CFED course)
Tasha Huhta

Concurrent Session B(Pine Crest B)

Course on MT-1
FEMA

2:00 pm – 2:15 pm **Coffee Break** (*Pre-function Corridor*)

2:15 pm – 3:00 pm *Concurrent Session A (Pine Crest C & D)*
CST Course
Mark Sargent – NSPS President

Concurrent Session B (Pine Crest B)

SD/FEMA Mapping Updates
FEMA

3:00 pm – 3:15 pm **Coffee Break** (*Pre-function Corridor*)

3:15 pm – 3:45 pm **NSPS Update** – Mark Sargent, NSPS President

3:45 pm – 4:00 pm **SD BOT Professions Update**

4:00 pm – 5:15 pm **SDSPLS Annual Meeting & Installation of Officers**

Thursday Evening, January 6, 2022

5:45 - 7:30 pm **Banquet** (*Pine Crest C & D*)
Special Speaker – Paul Horsted
Drawing for \$500 The Lodge at Deadwood gift card

8:30 pm **Slot Tournament** – Cadillac Jacks – Must pre-register
Poker Tournament – Saloon #10 – Must pre-register

Friday Morning, January 7, 2022

- 7:00am-8:00am **Continental Breakfast & Committee Meetings** (Pine Crest C & D)
- 8:00 am – 9:00 am *Concurrent Session A*
Expert Witness (or Record Research and Liability) (Pine Crest C & D)
Knud Hermansen - Virtual
- Concurrent Session B (Pine Crest B)*
Round Table Discussion
Linda Foster, Randy Deibert, Adam Thompson & Jon Collins
- Concurrent Session C (Bullock)*
Construction Staking – LSIT Session
Joshua Vanderwerf
- 9:00 – 9:20 am Coffee Break (*Pre-Function Corridor*)
- 9:20 – 10:40 am *Concurrent Session A (Pine Crest C & D)*
Expert Witness (continued) (or Record Research and Liability)
Knud Hermansen – Virtual
- Concurrent Session B (Pine Crest B)*
Right-of-Way
Joel Gengler
- Concurrent Session C (Bullock)*
Easement 101 – LSIT Session
Andrew Nielson & Ruthie Wetzel
- 10:40 – 11:00 am **Coffee Break** (*Pre-Function Corridor*)
- 11:00 – 12:00 pm *Concurrent Session A (Pine Crest C & D)*
Next Level Leadership
Gordon Decker
- Concurrent Session B (Pine Crest B)*
Retirement and Beyond
Marc Stacey
- Concurrent Session C (Bullock)*
Easement 101 Cont. – LSIT Session
Andrew Nielson & Ruthie Wetzel
- 12:00 pm **Adjourn**
**PDH Certificates will be available under the membership
tab on the website or as requested -
directorsdspls@hotmail.com**
Schedule is subject to change

Meet the Instructors:

Dave Zenk is a Geodesist with the National Geodetic Survey, serving as Regional Geodetic Advisor for the Northern Plains Region (MN, ND, SD, IA, NE). He holds Bachelor of Science Degrees in Civil Engineering and Mechanical Engineering from the University of Minnesota and a Master's Degree in Land Surveying from Oregon State University. He has served as adjunct faculty at the University of Minnesota Geography Department and at Saint Cloud State University Geography Department. He is a past Chair of the Minnesota GIS/LIS Consortium. He is currently serving as Editor of the MSPS "Minnesota Surveyor" magazine. He is licensed as a Registered Land Surveyor and Professional Engineer in the State of Minnesota.

C. Eugene Kooper: PLS, PG, CFedS, is a Professional Land Surveyor licensed in the state of Colorado since 1985 and a Professional Geologist in the state of Colorado. Mr. Kooper is self-employed as a land surveyor and geologist specializing in mineral survey retracements, underground mine surveying, conventional and GPS control surveys, and satellite image processing for mineral and oil and gas exploration clients. Mr. Kooper has conducted research on mineral surveys and U.S. mining laws since 2001 and given mineral surveys presentations at several state and national conferences. Mr. Kooper received a B.S. degree in Geological Engineering and a Professional degree in Hydrogeology from the Colorado School of Mines.

Mike Headley is the Executive Director of the South Dakota Science and Technology Authority and the Laboratory Director of the Sanford Underground Research Facility (SURF), where he leads a 185-member team in the development and operation of the deepest underground science laboratory in the United States. He has more than 28 years of engineering and management experience and served in the United States Air Force for six years.

Before coming to SURF in 2008, Mike served in various roles at the U.S. Geological Survey (USGS) Earth Resources Observation and Science Center (EROS) and was a Deputy Program Manager and Assistant Vice President for the Science Applications International Corporation (SAIC) at the USGS EROS Center, in Sioux Falls, South Dakota. He earned a bachelor's degree from South Dakota State University and an MBA from Loyola Marymount University in Los Angeles.

Linda Foster is the Senior Project Manager of Geospatial Technologies at Ferber Engineering Company, Inc. She has been with the firm for sixteen years and leads the research and development of emerging technologies as they apply to civil engineering and construction. She also manages an expansive portfolio of projects and clients. Linda holds a Bachelor of Science degree in Geological Engineering from South Dakota School of Mines and Technology and a Master's degree in Geographic Information Systems from Pennsylvania State University. She is a registered professional land surveyor, certified geographic information systems professional, and FAA certified remote pilot.

Mark C. Sargent, N.H. LLS 741

Mark is a licensed land surveyor and the owner and managing member of Richard D. Bartlett & Associates, LLC, a land surveying firm located in Concord NH. He has been employed in the Land Surveying Profession for over 35 years and been active in land surveying organizations since college. Mark represented New Hampshire as NSPS Director/Governor from 2007 to 2018 and was elected to the NSPS membership grade of Fellow in 2013. He served as Secretary to the NSPS Board of Governors in 2012 and 2013, Chairman of the Board of Governors in 2014 and 2015 and is currently the NSPS President.

Mark is a graduate of the Thompson School of Applied Sciences and the University of New Hampshire and holds an Associate degree in Forest Technology and a Bachelor's of Science degree in Forest Resources.

Mark served as the 35th President of New Hampshire Land Surveyors Association in 2004 and has been a member of NHSLA for 39 years. He was elected to the membership grade of Fellow in 2005 and was the recipient of a NHSLA Presidential Citation and Distinguished Service Award in 2005 and 2019 and was presented the Surveying Excellence Award in 2008.

Paul Horsted has been photographing South Dakota's people and places for 40 years. In recent times Paul has specialized in finding the sites of historic photographs and then creating a precisely-matched modern image, to show the beauty and history of our country "then and now" in an entertaining and informative way. These photopairs inform our understanding of history, the environment, and development of our country.

Paul's best-known book is **The Black Hills Yesterday & Today**, with more than 150 then-and-now images of this beautiful and historic region. Paul has also applied this technique to images of the 1874 Black Hills "Custer" Expedition, and more recently in books about 24 of our National Parks. He's currently using this technique with historic images across the state of South Dakota for an upcoming book. His presentation will touch on all of these projects.

Joel Gengler grew up in Spearfish SD. Married over 33 years. Three children all married having nine grandkids.

Program manager for the Right-of-Way office for approximately fifteen years. My previous Department experience for over 22 years was in Road Design. I started as an EIT (Engineer in Training) and promoted up to the Road Design program manager. Prior to DOT employment I worked for Scott Engineering in Spearfish and Watertown with prior experience surveying for USDA Forest Service. My field of study was Civil Engineering at SDSM&T.

Hobbies include: Bike riding (road and mountain biking), hiking, backpacking, hunting, fishing, woodworking, camping, kayaking, scuba diving, reading, travel, beer and wine making.

Gordon Decker is passionate about leadership and mentorship. He has a master's degree in administration from the University of South Dakota and extensive training in the areas of

leadership and professional development, both through civilian and military experiences. He comes with 20 years of experience and training in Law Enforcement and 12 years in the Army National Guard, including the last 4 years as a Commissioned Officer and 2 wartime deployments, one of which was to Iraq. His last 8 years of work have been in the private sector which included product management, financial services, and consulting. He currently is the sole steward of Shield Guide Services, and Director of Rockside Ranch – Black Hills. In both these positions he works with men to live a better life by making better decisions in their goals, priorities and plans, and to know JESUS personally and deeply.