



2022 Annual Meeting

September 8 & 9, 2022

*The Coeur d'Alene Inn
506 West Appleway Avenue
Coeur d'Alene, ID 83814*

ISPE 2022 Annual Meeting

Wednesday, September 7

3:30 – 5:00 PM **ISPE State Board Meeting**
Garnet Room

Thursday, September 8

7:30 – 8:50 AM **Breakfast/ISPE Membership Meeting**
Syringa-Garnet Room Chris Durand, PE
ISPE State President

9:00 – 9:50 AM **What's New with the Board? (1 PDH)**
Hayden Room **Michael Hyde**
**Operations Manager, Building,
Construction & Real Estate Bureau -
Division of Occupational and Professional
Licenses**

Attend to hear about the transition of the Board to Division of Occupational and Professional Licenses and learn about updates you should be aware of as a Licensee in Idaho

10:00 – 10:50 AM **How I raised my Inkom: Inkom UPRR
Bridges (1 PDH)**
Hayden Room **Mike Slegers, PE – Bridge Engineer**
HDR, Inc.

Learn how this bridge replacement project in southeast Idaho overcame several design challenges, including raising the roadway grade 8ft. Several unique structural features were used to allow this bridge to span over 5 track lines, a local road, and an access road.

11:00 – 11:50 AM **City of CDA Super Cool Stormwater
Projects (1 PDH)**
Hayden Room **Chris Bosley, PE - City Engineer**
City of Coeur d'Alene

DEQ Funding Opportunities
**Jamie Brunner - Lake Management Plan
Coordinator**
Department of Environmental Quality

Felicia Cassidy, PE
Alta Science and Engineering

This presentation will provide an overview of the Leading Idaho Initiative for Coeur d'Alene Lake's health and highlight stormwater improvement projects utilizing Leading Idaho funding. The Cities of Coeur d'Alene and Kellogg are implementing technology for stormwater treatment that will

eliminate, or improve the quality of, stormwater discharge at select outfalls that ultimately impact the quality of Coeur d'Alene Lake's water quality.

12:00 – 1:50 PM

Syringa-Garnet Room

Lunch

NSPE Update (1 PDH)

Britt E. Smith, PE, F.NSPE

NSPE President

With this presentation, NSPE president, Britt Smith, P.E. F.NSPE, will share his thoughts and insights into the current state of the profession as well as that of NSPE. We will cover a variety of topics ranging from NSPE's new educational offerings to its advocacy efforts to combat the legislative attacks on the P.E. licensure. Bring your questions and comments about these or other topics to add to the conversation.

2:00 – 2:50 PM

Hayden Room

Contract Review 101 for Engineers (1 PDH)

Ryan Lewis, PE

STRATA

Engineers are typically not lawyers. However, that does not stop engineers from reviewing and signing contracts full of complicated legal jargon. Contracts establish an agreement for services that are enforceable or recognizable by law and should not be entered into lightly. This presentation covers the basics of reviewing engineering contracts and key contract clauses that are often misunderstood.

3:00 – 3:50 PM

Hayden Room

U of I Mentoring Opportunities (1 PDH)

Katie Schifflbein

Director of Diversity, Inclusion and Outreach

University of Idaho

Did you know about all the opportunities to mentor up and coming engineers through the University of Idaho? We bet not! Come learn about those opportunities, which are now eligible for your annual PDH credits.

4:00 - 4:50 PM

Hayden Room

Restoration Partnership Projects (1 PDH)

Rebecca Stevens

Coeur d'Alene Tribe

Lake Management Department

Restoration Coordinator/Program

Manager

Hazardous Waste Management Program

The Restoration Partnership was developed by The Coeur d'Alene Basin Natural Resource Trustees (Trustees) which is comprised of the U.S. Department of Interior, U.S. Department of Agriculture, Coeur d'Alene Tribe and State of Idaho. The Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and Clean Water Act (CWA) identify Federal, Tribal and State governments as trustees over natural resources on behalf of the public. The role of the Trustees is to return

natural resources, that have been harmed by mine-waste contamination, to a healthy condition.

In the Coeur d'Alene Basin, the Trustees have chosen to work together through the Trustee Council which was developed through a 2012 Memorandum of Agreement as a way to involve the public in natural resource restoration.

Their primary mission is to return our natural resources to a healthy condition by developing and implementing a restoration plan for the Coeur d'Alene Basin. Rebecca Stevens, the Restoration Coordinator for the Trustees, will be providing an update of ongoing natural resource restoration projects that are underway in the Basin and goals for future project solicitation from the public in the coming years.

5:00 – 6:30 PM

Sherman Room

No Host Bar and Social Hour

(light hors d'oeuvres will be served)

Officer Installation

Friday, September 9

7:30 – 8:00 AM

Hayden Room

Breakfast

8:00 – 8:50 AM

Hayden Room

Partnering in Action: Coeur d'Alene River Bridges (1 PDH)

Daniel Baker, PE - Project Manager

HDR, Inc

**Ben Weymouth, PE - Director of Highways
East Side Highway District**

**Erica Aamodt - Project Manager
ITD District 1**

Crossing the Coeur d'Alene River near Cataldo, I-90 and Canyon Road represent critical transportation links across the Idaho panhandle. Both are located within a hydraulically complex area in a regulatory floodplain and floodway and are adjacent to a county levee. Additional environmental concerns including heavy metal contamination and endangered species further complicate work in the area. Learn how ITD, LHTAC, and ESHD partnered to evaluate these companion bridges crossing the Coeur d'Alene River.

9:00 – 9:50 AM

Hayden Room

Easements: What does a bundle of sticks really get you? (1 PDH)

**Cora Whitney
Smith + Malek**

Overview of Idaho real property law specifically related to easement creation, drafting, and enforcement.

10:00 – 10:50 AM **Engineering Ethics Case Studies (1 PDH)**
Hayden Room **Eric Olson, PE**
 Olson Engineering

Join us for an interactive session on engineering ethics as we discuss case studies and refresh ourselves on engineering ethics in Idaho

11:00 – 11:50 PM **UnCIVILized Topics for Professional Engineers (1 PDH)**
Hayden Room **Ray Watkins, PE**

The practice of engineering is continuously evolving and adapting to industry challenges. Staying relevant means staying current with industry trends, technology and social issues. Professionalism, artificial intelligence and machine learning, cyber security, technical writing and other topics that impact the engineering profession now and in the future will be presented and discussed in an open forum.

12:00 – 12:50 PM **Lunch**
Syringa-Garnet Room **Why Diversity Matters in Engineering (1 PDH)**
 Britt E. Smith, PE, F.NSPE
 NSPE President

Through this interactive presentation, participants will have the opportunity to continue (or begin) a discussion on diversity. Our goal is to begin to answer the questions of:

Is diversity important to the profession of engineering?

Why is it, or should it be, important to me?

1:00 – 1:50 PM **Value Planning the I-90 Corridor (1 PDH)**
Hayden Room **Erika Bowen, PE - ITD District 1**

The 15 mile long I-90 Corridor Study from Washington State Line to Sherman Avenue is underway with recommended improvements including additional through lanes, auxiliary lanes, and bridge/interchange/ramp modifications. Hear about the project's progress along with results of two Value Planning Sessions in the CDA and Post Falls areas.

Michael Hyde

Michael is the Operations Manager for the Building, Construction and Real Estate Bureau of DOPL. He has over 16 years of experience in state government working with the current division and the former Division of Building Safety.

Michael Slegers, PE

Mike is a bridge engineer for HDR in their Coeur d'Alene office. He has been designing highway bridges across Idaho for over 11 ten years. He has been a licensed engineer since 2015. He received his civil engineering bachelor's degree from Boise State University and his Masters of Engineering from the University of Idaho. Mike enjoys golf, hunting, home improvement projects, traveling, and spending time with his wife and 3 kids.

Chris Bosley, PE

A graduate of Michigan Technological University, Chris is a civil engineer with 24 years of experience in the design of stormwater facilities, urban streets, rural roads, interstate highways, roundabouts, traffic calming, and pedestrian and bicycle facilities. Most of his career was working for private consultants but has spent the past six years as the City Engineer for the City of Coeur d'Alene where he has had the opportunity to complete large-scale stormwater projects to improve the quality of our Lake Coeur d'Alene and the Spokane River.

Jamie Brunner

Jamie works for the Idaho Department of Environmental Quality as the Coeur d'Alene Lake Management Supervisor. She has served this role since 2013 and has been working in the natural resource field in northern Idaho since 1999. She has worked on a variety of issues, including conservation planning on agricultural lands, riparian and aquatic habitat restoration, stormwater treatment alternatives, aquatic invasive species, and natural resource outreach and education. She has an Environmental Science degree from the University of Idaho.

Felicia Cassidy, PE

Felicia is developing creative stormwater treatment solutions for North Idaho. She brings over 14 years of experience that includes overseeing a broad range of transportation projects across Idaho. She is a Professional Civil Engineer Licensed in Idaho, Washington, and Nevada. Her previous ITD experience includes monthly assessments of projects' progress-to-budget ratios, final design and PSE design review for constructability, preparation of bid documents for services to local, state and federal transportation work construction projects. She has designed rural roadways, inspected construction projects for compliance with design plans, specifications and contract requirements. She is proficient with the ITD CE&I process including forms for construction, daily work diaries, pay

documents, request for contract change and others as needed for contracts. Western Alliance for Quality Transportation Construction (WAQTC) Qualification #24094. Inspector Qualification Program (IQP) #24094

Britt E. Smith, PE, F.NSPE

Britt received a Bachelor of Science degree in engineering from the Missouri University of Science and Technology. He began his career with MECO Engineering as a civil engineer and project manager. Later, he continued his work as a staff engineer for the City of Jefferson and then the Missouri Department of Conservation. Currently, Britt is the operations divisions director for the Department of Public Works in Jefferson City where he oversees the operations of the streets, parking, central maintenance, and airport divisions.

Prior to beginning his career as an engineer, he was commissioned as an officer in the Missouri Army National Guard in the aviation branch. He received training as a helicopter pilot at Fort Rucker, Alabama where he completed the training as an honor graduate. He was a member of the Missouri Army National Guard for eight years.

Britt is an active member of both the National and Missouri Society of Professional Engineers (NSPE/MSPE). He has held various positions with the state society including that of state president. On the national level, he was named a Fellow in NSPE in 2016, he is a past member of the NSPE House of Delegates and is currently serving on the Committee on Policy and Advocacy and on the Membership Committee. Britt is the currently the president of the NSPE Board of Directors.

Britt is also a member of the American Public Works Association (APWA). He has served on various committees in APWA.

In addition to his service within the profession of engineering, Britt has been active in various community and volunteer groups including:

- United Way of Central Missouri - Chairs fund allocation committee and is a member of the governing body
- National Marriage Encounter - Various roles including regional trustee
- Jefferson City Marriage Encounter - Various roles including presenting team, board chair, national conference chair
- St. Andrew Catholic Church in Holts Summit, Missouri - Various roles including parish council, chair of administration committee
- Knights of Columbus - Various roles
- Capitol View Drainage District Board of Supervisors - Secretary/Treasurer

His family includes his wife, Candy, three adult children: Glenn, Hannah, and Grace, a border collie named Roxie, and various foster dogs.

Ryan Lewis, PE

Ryan received his civil engineering degree and CE master's degree from the University of Idaho. He has been a licensed Professional Engineer since 2016 and is also a FOPP graduate from Bachner Communications, Inc. Ryan has 10 years of engineering and CMT experience at STRATA. He has reviewed over 100 contracts (STRATA's included). Ryan does not have a law degree. He was born and raised on a potato farm in Palmer, Alaska and moved to Idaho to experience different potatoes and to attend college in 2005. He enjoys outdoor activities, including skiing, hiking, and golfing with his wife and two daughters."

Katie Schiffelbein

Katie is director of diversity, inclusion and outreach at the University of Idaho's College of Engineering in Moscow, Idaho. While working in the field of international education, she earned her doctorate in leadership and counseling, studying organization development and well-being in higher education, specifically understanding women's interpersonal experiences. She develops leadership and mentorship opportunities for women and traditionally underrepresented students in engineering to flourish.

Rebecca Stevens

Coeur d'Alene Tribe Hazardous Waste Program Manager/Restoration Coordinator

Working with the Tribe since: 2005

Rebecca is the Program Manager for the Tribe's Lake Mgt. Department-Hazardous Waste Management Program. She also serves the role as the Restoration Coordinator with the Restoration Partnership. Rebecca has been working on water quality related issues for over 15 years and in 2009, she was co-author of the Coeur d'Alene Lake Management Plan. Rebecca represents the Tribe in the Bunker Hill Mining and Metallurgical Complex Superfund Site working with EPA while implementing their remedy for the Basin. She is also the Tribe's technical representative on the Restoration Partnership for which all Natural Resource Damage Assessment (NRDA) claims have been settled and on the ground restoration work will commence in 2019. Rebecca continues to work with other Tribes on NRDA issues while coordinating with the United States Department of the Interior.

Rebecca is a proud member of the Tribal Waste and Response Steering Committee where she also serves on the Tribal Superfund Work Group and Advisory Council. Rebecca enjoys snowboarding, water sports, Frisbee golf, and spending time with her friends, family, and blue heeler. Rebecca

is very honored to work for the Coeur d'Alene Tribe and is proud to be a part of restoring natural resources in the Coeur d'Alene Basin.

Daniel Baker, PE

Daniel resides in Coeur d'Alene and leads HDR's North Idaho Transportation group. He is a Washington State University graduate (go Cougs!) and has a background in bridge design, having worked on bridge and transportation engineering projects throughout the United States. Daniel enjoys all things outdoors with his wife, Jessica, and three young kiddos, Olivia, Addison, and Brooks.

Ben Weymouth, PE

Ben serves as East Side Highway District's Director of Highways and has over 25 years of experience in both the public and private sectors, including design of roadways, public parks, irrigation systems, water and sewer system design and planning, inspection, construction management, and contract administration. He is a University of Idaho graduate and lives in the Coeur d'Alene area with his wife Holly and three kids.

Erica Aamodt

Erica works as a project manager at the Idaho Transportation Department, coordinating the design and construction of transportation projects. She is a Walla Walla University graduate and has a background in structural design. Outside of ITD, Erica enjoys working a K9 with Search and Rescue and ski patrol in the greater Coeur d'Alene region.

Cora Whitney

Cora has built a law practice in both Idaho and Washington, where she serves clients predominantly in the business and real estate law realms. Cora graduated summa cum laude from Washington State University in 2010 and summa cum laude from Gonzaga University School of Law in 2013. She works with businesses, families, and associations to proactively solve problems they may have with easements, boundary lines, purchase or sale agreements, or business formations. Her clients are represented by an attorney who understands the real-world challenges facing today's business and real estate professionals. In 2019, Cora joined Smith + Malek PLLC where she continues to make tomorrow better not only for her clients and employees, but also her community. She continues to give back to the community by volunteering in her Sunrise Rotary Club and serving as the Chair of the Board of Directors of the YMCA of the Inland Northwest and has served as an adjunct law professor at Gonzaga University School of Law.

Eric K. Olson, PE

Eric is the Managing Member of Olson Engineering, PLLC and is a licensed Professional Engineer in the States of Idaho (#12250) and Washington (#44978). He relocated to Idaho in 2005 after graduating from the University of Texas and working 3 years in the Houston area. Eric has 21

years of experience in roadway and drainage design, water, wastewater, and land development engineering. He has served as project manager and lead designer for public infrastructure projects as well as residential, institutional, commercial, and resort development projects throughout North Idaho. He is an active member and past-President of the Northern Chapter of the Idaho Society of Professional Engineers. Eric is married with three teenage children and enjoys golfing, skiing, poker, and lounging by the waterside. He used to hike and backpack but he's getting older and lazy nowadays.

Raymond J. Watkins, PE, LEED AP

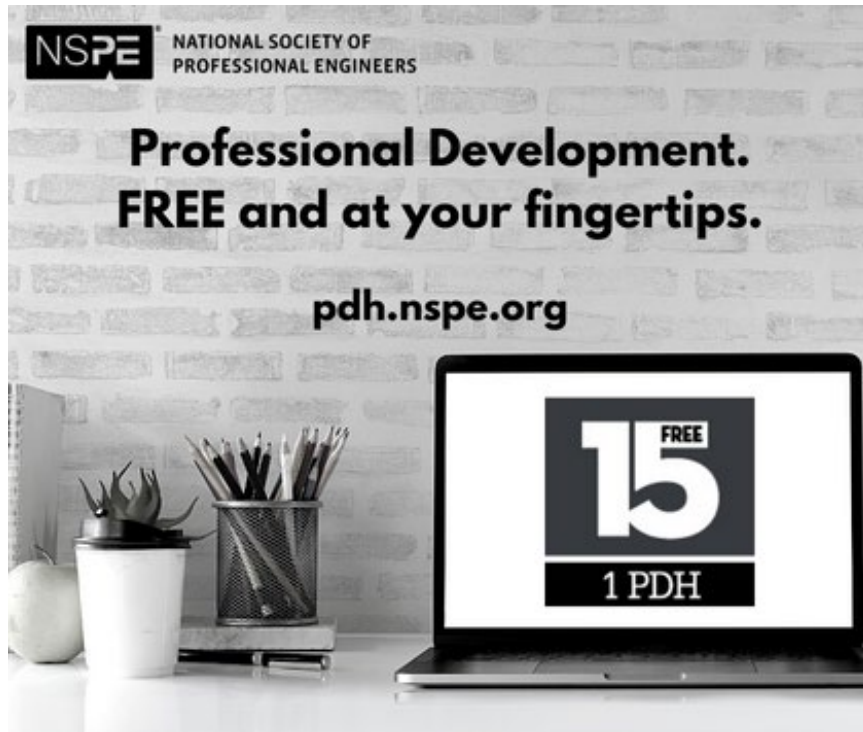
Ray graduated from the University of Idaho in 1989 with a B.S. degree in Electrical Engineering. In 1995, he became a Professional Engineer and is currently licensed in Idaho and eleven other jurisdictions. Ray has over 30 years of electrical design and engineering experience and serves as president and principal-in-charge of projects at AEI Engineering, an electrical and control systems engineering consulting firm in Coeur d'Alene. For the first five years of his career, he worked for Chevron Research and Technology and Chevron Pipeline, followed by 27 years as a consulting engineer providing services to commercial clients, municipalities, and government agencies throughout the Western United States. Ray has been a member of the Idaho Board of Professional Engineers and Professional Land Surveyors since 2015. He has been an NSPE member for 25 years, is a former president of the WSPE Spokane Section and a member of the Order of the Engineer.

Erika Bowen, PE

Erika Bowen is passionate about monitoring schedules and coordinating resources. She got her start in project management at ITD in 2008 and soon found that she has a knack for setting deadlines and objectives to attain larger goals. She is currently responsible for administering multiple consultant design contracts on two transportation priority corridors (SH-55 in southern Idaho and I-90 in north Idaho). Erika graduated from Johns Hopkins University in 2004 with a Master's degree in Civil Engineering. Over the years she has combined her engineering expertise and project management experience to help integrate innovative solutions into the design process.

2022 ISPE Annual Meeting Committee

Angela Comstock
Jesse Herndon
Brett Cummings
Ben Weymouth
Chris Comstock
Daniel Baker
Ryan Lewis



NSPE NATIONAL SOCIETY OF
PROFESSIONAL ENGINEERS

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15 FREE
1 PDH

The advertisement features a laptop on a desk displaying a graphic with the number 15, the word FREE, and 1 PDH. To the left of the laptop are a pen holder, a small potted plant, and a white cup. The background is a light-colored brick wall.

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For more information about the Idaho Society of Professional Engineers, or to become a member, please contact us

Idaho Society of Professional Engineers
PO Box 170239
Boise, ID 83717-0239
208-426-0636
E-Mail: ispe@idahospes.org
Web Site: www.idahospes.org