

P.L.S.W. TECHNICAL SESSION

November 5TH & 6TH, 2020 • RAMKOTA HOTEL • CASPER, WYOMING

GENERAL INFORMATION

PRE-REGISTRATION:

FEE: \$125 PLSW Members
\$75 PLSW Affiliate Members
\$200 Non-Members

A \$20 late registration fee will be added to all registrations received after October 12, 2020.

AGENDA

November 5 TH	7:00 a.m. - 8:00 a.m.	Registration
	8:00 a.m. - 12:00 p.m.	Seminar
	12:00 p.m. - 1:00 p.m.	Luncheon
	1:00 p.m. - 5:00 p.m.	Seminar
	5:00 p.m. - 9:00 p.m.	Social Hour
November 6 TH	7:00 a.m. - 7:45 a.m.	Breakfast Buffet
	8:00 a.m. - 12:00 p.m.	Seminar

Understanding What State Plane Coordinates Really Mean

This course begins with how projections work, followed by geodetic concepts. The latter is an essential part of learning how to deal with grid-to-ground issues. Then various strategies for communicating the issues and how stakeholders work with the published surveying information will be covered. All of these strategies apply equally to communicating and computing within a surveying organization or between surveying organizations. You may want to bring a calculator.

So you're a Surveyor! Why don't your measurements ever agree with those from the Descriptions of another surveyor?

In this course, we will cover elementary principles of measurements and statistics so that surveyors can analyze their work, compare to current/historic measurements and after making educated assumptions about the technology & methods used by the other parties, state whether any discrepancy is within reasonable measurement limits. Also why it is prudent to state on your surveys what the uncertainties are in your stated quantities.

LOCATION AND LODGING

A block of rooms has been reserved at the **Ramkota Hotel, 800 N. Poplar**, Casper, Wyoming until October 21st. Rate: \$85 per night. Telephone: 307-266-6000.

PROFESSIONAL DEVELOPMENT HOURS

12 Professional Development Hours will be awarded for the entire seminar.

FOR MORE INFORMATION, CONTACT:

Paul Svenson	307-266-2524
Bill Fehringer	307-995-2620

Integrating Small Unmanned Airborne Systems (sUAS) Into a Geospatial Business

In this course you will learn about: Types of UAS, understand some of the applications and potential new customer areas possible with UAS, company operations and management of personnel including training that must be understood and integrated into the business before using UAS, about the photogrammetric differences with UAS as compared to conventional photogrammetry, How the FAA is regulating the process of flying a UAS.

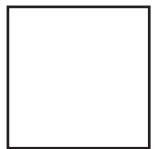
Joseph V.R. Paiva, PhD

Joseph V.R. Paiva, PhD is CEO of GeoLearn LLC, an online education company. Joe's experience goes back to instrument man, to party chief for an engineering firm, & partner in a surveying-engineering business. He taught surveying courses in the civil engineering department at the University of Missouri-Columbia for 11 years. He moved on to R&D at Sokkia, beginning as a consultant, designing the software workflow for the SDR 2, SDR20 series & SDR 33 Electronic Field Books. While at Sokkia he managed a development team who worked on software for the PC as well as software & hardware for GPS & total stations. He moved on to similar duties at Trimble. He began in the UAS world at Gatewing in Belgium, eventually becoming its COO. He continues to teach college courses at State Technical College of Missouri.



Professional Land Surveyors of Wyoming

200 Pronghorn
Casper, WY 82601





P.L.S.W. REGISTRATION FORM

200 Pronghorn • Casper, Wyoming 82601

• **New online registration: <https://forms.gle/froCKgSXSfRrDxWCA>** •



_____ I did online registration and am just enclosing my payment

Name: _____

Company: _____

Address: _____

City/State/Zip: _____

Phone: _____ Amount Enclosed: _____

Email: _____

Make Checks Payable to P.L.S.W. Do you require a receipt? YES _____ NO _____

Please do not include PLSW dues in registration fee.

PROFESSIONAL LAND SURVEYORS OF WYOMING

Casper, WY 82601
200 Pronghorn

Professional Land Surveyors of Wyoming



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SEMINAR



November 5TH & 6TH, 2020

Ramkota Hotel
Casper, Wyoming

Every effort is being made to host our annual event in person. However, with the uncertainty of what the future with COVID will hold your early registration with contact information is vital to communicate any changes we may encounter as the seminar draws closer. In the event an in-person seminar is not possible we will have a virtual seminar at the ready. We appreciate your patience as we work through these challenges.