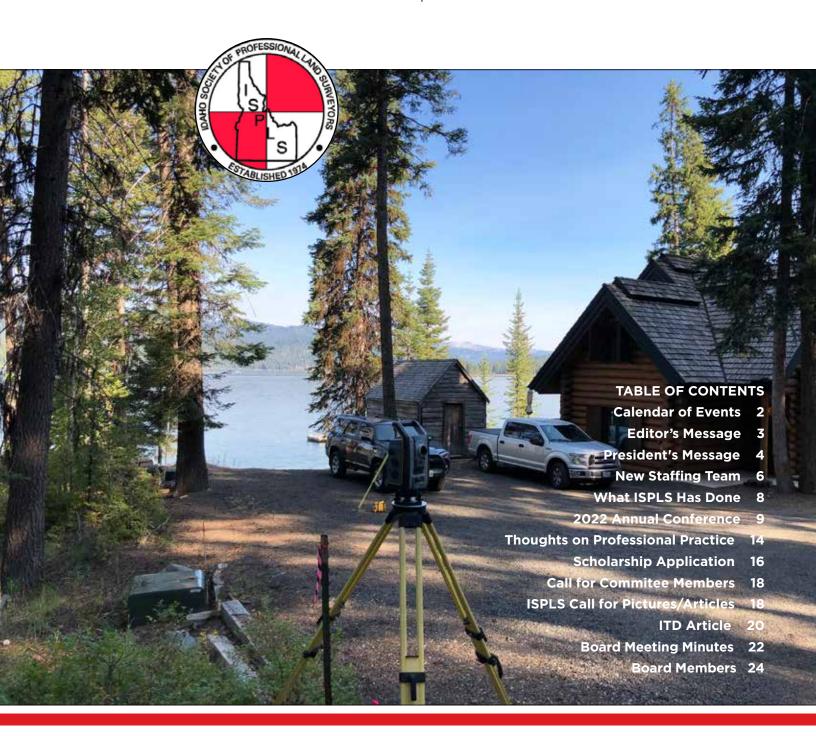
# ◆ GEM STATE SURVEYOR ◆

#### WINTER | 2022



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#### CALENDAR OF EVENTS

2021

**December 31** Annual ISPLS membership

fees are due

2022

**January 10** 2022 Legislative Session begins

**January 15** Election Ballots go out

to members

February 14-15 IBPEPLS Board Meeting

**February 15** ISPLS BOG Meeting, Moscow

February 15-18 ISPLS Conference, Moscow

March 29-April 2 NSPS Business Meeting,

Arlington VA

April 14-15 IBPEPLS Board Meeting

May 14 ISPLS BOG Meeting

East Idaho

May 19-21 NCEES WZ Zone Meeting

June 1 ISPLS Scholarship

applications due

**June 9-10** IBPEPLS Board Meeting

August 13 ISPLS BOG Meeting

North Idaho

August 23-26 NSPS Annual Meeting

**September 15-16** IBPEPLS Board Meeting

October 12-15 NSPS Annual Meeting,

Tulsa OK

**November 17-18** IBPEPLS Board Meeting

**December 3** ISPLS BOG Meeting, Boise

EDITOR: Hagen Beckstead

PUBLISHER: AMS

The Gem State Surveyor is a quarterly publication of the Idaho Society of Professional Land Surveyors. It is not copyrighted and articles may be reprinted with due credit. Any article, letters, or other contributions will be accepted and considered for publication regardless of the author's affiliation. Statements of opinion which may be expressed may not necessarily represent the official views of ISPLS unless specifically noted. Article submission must be in digital form. Photographs must be high resolution jpeg files.

#### ADVERTISING POLICY

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Advertisements should be submitted in digital form, JPG file (minimum 300 dpi), to fit an 8  $\frac{1}{2}$  x 11 page. Rates are as follows (updated 2013):

Size	Dimensions	B&W Full Year	Single Issue	Full Year	Single Issue
Full Page	7.25" w x 9.75" h	\$720.00	\$180.00	\$800.00	\$200.00
1/2 Page	7.25" w x 4.7" h	\$360.00	\$90.00	\$400.00	\$100.00
1/4 Page	3.46" w x 4.7" h	\$180.00	\$45.00	\$200.00	\$ 50.00
Business Card	3.46" w x 2.25" h	\$90.00	\$22.50	\$100.00	\$ 25.00

Sustaining members 10% off above prices.

Publishing an advertisement does not imply endorsement of the advertiser by ISPLS and the editor reserves the right to reject advertising which may be in poor taste or in opposition to the policies of ISPLS.

The Gem State Surveyor will advertise equipment stolen from any of our members free of charge. ISPLS will pay \$50.00 for information leading to the arrest and conviction of the perpetrator.

**Idaho Society of Professional Land Surveyors** 

P.O. Box 7886 Boise, Idaho 83707 (208) 658-9970 As we approach the end of the year and the snow begins to fall, I am reminded of all the things I love and hate about winter. Unfortunately, winter is my least favorite season, and the latter list is a fair bit longer. I can only look forward to sunnier, warmer days on the water, flipping soft plastic baits and hoping I can entice some largemouth bass to strike. But I have always loved the symbolism in winter and winter festivities. I have always found the very existence of winter festivities to be something of a mystery. For most of human history, winter brought hardship, starvation, cold, and dark. And yet, peoples everywhere take this time of year to celebrate the light, and light coming to the world. Winter is both the end and the beginning of a never-ending cycle of death and rebirth. The trees begin to die, and the animals begin to rut. The shortest day of the year also marks the beginning of progressively longer days. The barren cold of winter brings the life-giving water that will sustain our crops, our wildlife, and our very lives for the rest of the year. It is a paradoxical and remarkable time.

This winter marks the end of our time with Teri. She has served our society well, and we are fortunate to have her helping us through the conference. But, as the paradox of winter goes, we also welcome new life to our ranks. Please read the welcome to the new staffing team. I, and many others, look forward to working with these accomplished women.

In this winter publication we have an interesting and much-appreciated contribution from some of our members with ITD. We would love to see more content like this from our members. If you have been working on interesting projects, please submit photos (and articles, if you can) for the benefit of our other members. I, for one, enjoy seeing familiar faces in pretty places.

I am trying something new in this publication as well. We are publishing an opinion piece from surveyor and retired educator Knud E. Hermansen. Please recall that our Society, and our Board represent a range of views. If you ask three surveyors for an opinion, you will get four in response. These articles reflect the views of the author and are not intended to represent the views of the ISPLS, its Board of Governors, or its members. Opinion pieces can open the door to valuable conversations, and I would like to see some of these conversations about getting young people interested in the surveying profession. If you have something important to say, please write in with an opinion of your own.

I want to call your attention to the update on what the ISPLS has done for you lately. Over the last two years as editor of the Gem State Surveyor, I have been fortunate to have the opportunity to participate in the Board meetings and listen in to the conversations that take place. This list includes some of the tangible differences the ISPLS has made since our last publication, but there are always improvements being made that cannot be put on such a list. These meetings involve conversations and brainstorming about ways to improve the Society and the Profession which take time to bear fruit. If you would like to be part of that as well, see the list of committees looking for members included in these pages.



Thank you to our members and our advertisers for your continued support. I wish you Happy Holidays, and I hope you enjoy the brief respite that winter provides. Do not forget to get registered for the 2022 Annual Conference!

Hagen Beckstead, Editor GSS

#### **PRESIDENT'S MESSAGE** - WINTER 2022

HELLO FELLOW PROFESSIONALS AND FRIENDS,

A

s we are wrapping up 2021 we often take this time to reflect on the last year as individuals and as businesses.

How did we hit our goals? Did we hit our goals? Did we set goals? Why should we set goals? How do we find time to set goals? What kind of goals should we be setting?

These are all valid questions that each individual and business should be asking themselves at a minimum of once a year. It'd be better to do it a few times a year. How else will we know if our current plans are meeting these goals? I encourage you to sit down with your staff or with your families and set your goals! Let's start the year off right.

Your Board of Governors have been working hard trying to get the Standards of Practice document out to everyone so we can vote on them in the general membership meeting at the conference this year. The legislative committee has had some very good responses and have considered each and every one of them as they have been received. This document is so important and is a living and breathing document that needs to be routinely reviewed. For this reason we are making some changes in the Bylaws and Policies so that the document will be reviewed by a standing committee from here on out. It is important that we have volunteers ready to help out and I ask that you step forward when the call is made.

The Board of Governors is looking into the future and for this reason we will be holding a strategy meeting in January to put goals in place. We have already hired a lobbyist and a new staff that will allow us to be ahead of the game. Having a lobbyist will allow us to see what is coming from the Legislature before it's too late and allow us an avenue to push items through. We have been reactive for far too long and we can no longer be. The new staff will bring a stronger online presence and fresh ideas that will allow us further outreach to new members and future professionals. We are also looking for ways to make it easier for the younger up and coming professionals to get more involved. We would like to see our members who own businesses create opportunities for these individuals to become involved.

Merry Christmas everyone and may your next year be full of joy and happiness.

Thank you,

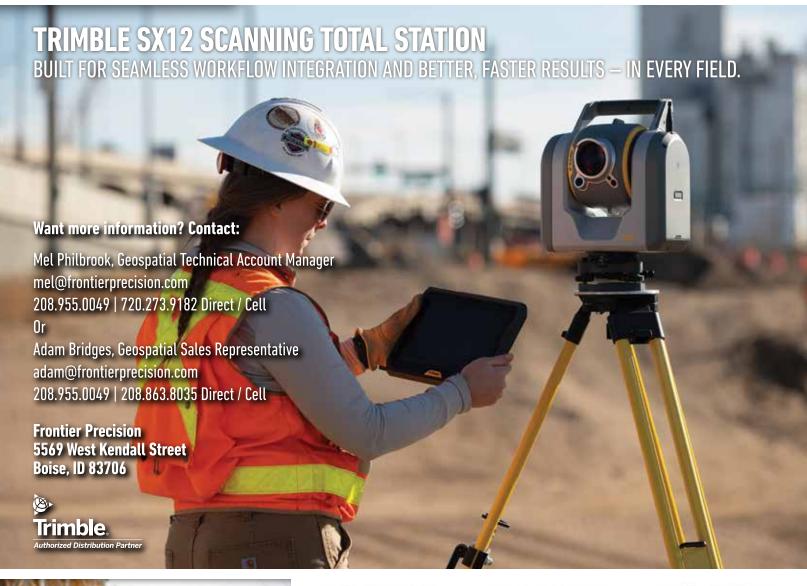
Jeremy Fielding, PLS

President Idaho Society of Professional Land Surveyors



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#### ISPLS WELCOMES A NEW STAFFING TEAM

fter 7 years, our Executive Director, Teri
Ottens is retiring. In her place we have hired
a management team to take ISPLS forward
into the future. Below are profiles of our new staff
and a message from our outgoing staff.

Elizabeth (Liz) Conner is currently the Executive Director of the American Council of Engineering Companies of Idaho and the Facilitator for the Idaho

Qualification Based Selection Council. Ms. Conner also has an extensive background in working in city and county governments, association management, regional land use planning, lobbying, and small businesses. Additionally, Ms. Conner recognizes the critical need for developing a robust pipeline of surveyors for our state.

Jaclyn Brandt is the owner of Polaris Digital. Her background includes building and maintaining websites, event planning, newsletter & member management, extensive marketing development, and forward-looking marketing efforts. She has been working with ISPLS on a contract basis for two years, managing the ISPLS website and marketing. Additionally, Ms. Brandt has worked



with the current Executive Staff through Association Management Solutions as a contractor. In this capacity Ms. Brandt has managed event planning and marketing.

#### A message from Teri -

y time with ISPLS is almost up. The new staff will be taking over most functions this month, and I will be staying on in a limited capacity to assist with the annual conference in February, at which time I will say a final goodbye!

I have thoroughly enjoyed working with Idaho surveyors. You are a professional, determined and occasionally opiniated lot who works hard to protect and improve your profession here in Idaho. I have been impressed with the commitment to service I see in most of you, and the passion you have to promote surveying as a profession, including your concerns and efforts around recruitment of younger generations.

I want to encourage those of you who have not had time to get really involved in ISPLS to not ignore the opportunities there are to have influence and to promote professionalism of the industry in your state. I know how busy you all have been in the past 2-3 years and I know the paying job has to take priority. But it will require members like you to be involved in what ISPLS is doing to protect your industry. Simply do not leave the job to "someone else."

Attend Section meetings, volunteer for a committee, run for a Board position, mentor a Young Surveyor—we are only talking a few hours out of your year, with maximum results for you, your business, and the profession.



#### WHAT ISPLS HAS DONE FOR YOU LATELY?

ccasionally we get the question "What has ISPLS done for me?" This prompted the Board of Governors to add this new section to the GSS so you will have no doubts what we are doing to help you, your business, and the profession in Idaho.

## Since the last Gem State Surveyor issue your organization has:

- Finalized the update of the ISPLS **Standards of Practice** for Professional Boundary Land Surveyors—this effort was accomplished by a sub-committee of dedicated surveyors meeting over the past two years and the dozens of folks taking time to read and provide comments and changes to the document. The final version will be available on our website soon for review (idahospls.org) and will be voted on at the February 17, 2022

  Annual Membership Meeting.
- Hired a lobbyist to represent ISPLS during the 2022 Legislative Session. Hired was Tom Judge, formerly of the licensing board staff, and he will be monitoring the session for any bills that might have any impact on the surveying profession. We will be providing you regular updates on what is going on

- and what assistance we might need to take a position on them.
- ISPLS rejoined **WestFed** (the Western Federation of Professional Surveyors) and appointed the Vice President to serve as the WestFed rep. Recently, they approved a bylaws change (to be voted on by members at the Annual Membership Meeting) to make this position an elected position voted on by the membership.
- Hired a new staffing team. In January the board will hold a retreat to develop a Strategic Plan to address some priorities for 2022 including increasing membership and working on ways to promote surveying as a profession. The new team has extensive experience in administration, marketing, and promotion to rise to these new challenges.
- Continued to closely monitor and provide input directly to high level staff working on the reorganization of the Licensing Board under the new Idaho Division of Occupational and Professional Licensing. This has been a long, arduous, drawn-out process with many questions remaining, and our Board and staff has remained diligent in watching every move, giving input and feedback.
- Updated the 2022 **Scholarship** application which is now out. We encourage everyone to pass the application along to any students interested or currently enrolled in a surveying program. The due date is June 1, 2022. See page 16-17 for the application in this issue.

Find out more, contact ISPLS office at (208) 658-9970 or info@idahospls.org.  $\oplus$ 



### **LOOKING FOR:**

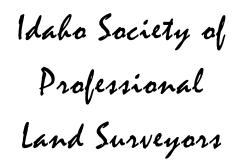
Want to buy a used <u>Diazit Dart</u>
<u>115</u> blueprint machine.

Does not need to be in working order.

Please send contact info & price to:

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**PRESENTS** 

2022 ANNUAL CONFERENCE

# Surveying the Future

SCHEDULE & REGISTRATION

FEBRUARY 15-18, 2022 Best Western Plus University Inn

1516 Pullman Rd, Moscow, ID 83843

(THIS CONFERENCE WILL BE OFFERED LIVE AND VIA THE ZOOM PLATFORM)

# General Information

#### 2022 ANNUAL CONFERENCE AND MEETING

THE PURPOSE OF THIS CONTINUING EDUCATION PROGRAM (21) HOURS IS TO PROVIDE PROFESSION-AL LAND SURVEYORS AND RELATED FIELDS WITH PROFESSIONAL DEVELOPMENT HOURS, INFOR-MATION AND ACTIVE LEARNING ON SURVEYING TOPICS AND ISSUES.

#### **CONTINUING EDUCATION CREDITS**

Participants attending all sessions and completing a program evaluation may be awarded up to 21 professional development hours upon registration, attendance in the classes they are seeking PDH credit for and completion of all required forms.

Attendance sheets for both live and virtual attendance needed for credit will be uploaded to the ISPLS website for those who complete all requirements within 2 weeks after the conference. If you need a certificate of credit those will be issued upon individual request.

#### WWW.IDAHOSPLS.ORG





INTERESTED IN JOINING ISPLS ?? CONTACT THE ISPLS OFFICE AT 208-658-9970 OR JOIN ONLINE AT WWW.IDAHOPLS.ORG. OTHER RELATED PROFESSIONALS MAY ALSO JOIN AS ASSOCIATE MEMBERS. WE OFFER SPECIAL MEMBER RATES FOR STUDENTS

#### HOTEL LOCATION & ACCOMMODATIONS

#### Best Western Plus University Inn

1516 Pullman Rd, Moscow Idaho A guest room block and special rates are being held at the Best Western Plus University Inn.

Prior to January 14, please visit Reservations <a href="https://www.bestwestern.com/en\_US/book/hotel-rooms.1">https://www.bestwestern.com/en\_US/book/hotel-rooms.1</a>
3035.html?groupId=2E8NZOX7> or call 208-882-0550 and mention the Idaho Society of Professional Land Surveyors. When using the link, please confirm your arrival and departure dates at the top of the first page.

If the link is showing no availability, you are unable to book your required room type OR if making reservations after January, please call the hotel directly.

For information on the hotel, please visit Best Western Plus University Inn <a href="http://www.uinnmoscow.com/">http://www.uinnmoscow.com/</a>>

#### REGISTRATION

Conference registration includes educational sessions and materials, access to exhibits, breaks, continental breakfast, lunch and scholarship dinner/auction. Please register online at www.idahospls.org using a credit card by filling out the attached registration form and faxing or mailing it to the ISPLS office. Those registering and paying online by the cut-off date of **February 10** will receive an automatic confirmation and receipt. You can register on site after online registration is disabled.

Please note: if a third party is paying your registration fee, you are responsible for seeing that proper arrangements are made and that payment is received in a timely manner.

# Schedule at a Glance

#### Tuesday, February 15

9:00 AM-2:00 PM-ISPLS BOARD MEETING

2:00 -4:00 PM-MEETING WITH ISPEPLS BOARD (PLANNED)

#### Wednesday, February 16

7:00 AM -REGISTRATION OPENS

8:00 AM-10:00 PM-KEYNOTE SESSION GAVIN SCHROCK, PLS-NSPS A FUTURE FIT SURVEYING PROFESSION

10:00-10:30 AM-BREAK

#### 10:30 AM-NOON-

JIM SZATKOWSKI & TIM FROST, ISPEPLS ANNUAL REPORT, UPDATE ON DOPL REORGANIZA-TION AND 2022 LEGISLATIVE ISSUES

12:00-1:30 PM-LUNCH TIM BURCH, PLS, NSPS PRESIDENT-ELECT NSPS UPDATE AND ISSUES EXHIBITOR HALL OPENS

1:30-5:00 PM-CONCURRENT SESSIONS Maureen O'Shea, IDWR/FEMA ELEVATION CERTIFICATE/CONSTRUCTION IN THE FLOOD ZONE

1:30 -3:15 PM- CONCURRENT SESSION TIM BURCH, PLS, NSPS PRESIDENT ELECT ROBERT LIIMAKKA, PLS, IDAHO STATE UNIVERSITY GAVIN SCHROCK, PLS-NSPS YOUNG SURVEYOR RECRUITMENT ROUNDTABLE

3:15-3:45 PM-BREAK

3:45-5:00 PM-CONCURRENT SESSIONS GAVIN SCHROCK, PLS-NSPS & RTN NETWORK TOM RUBY, PLS (OTHER PANELISTS ARE INVITED) REAL TIME NETWORKS AND POINTS IN MOTION INCLUDING SPC 2022 & STATE PLANE COORDI-**NATES** 

5:30-7:30 PM-DINNER AND FUNDRAISING EVENT SPONSORED BY ISU SURVEY CLUB

#### Thursday, February 17

7:00 AM-REGISTRATION OPENS/EXHIBIT HALL **OPEN** 

8:00 AM-9:30 AM

GEORGE YERION, JERRY HASTINGS, TOM JUDGE CORNER RECORDS (55-16)

9:30-10:00 AM-BREAK

10:00-11:30 AM

GEORGE YERION, JERRY HASTINGS, TOM JUDGE RECORDS OF SURVEY (55-19)

#### 11:30-1:00 LUNCH

GENERAL MEMBERSHIP MEETING & INSTALLATION OF OFFICERS-DISCUSSION OF STATE OF SOCIETY

#### 1:00-2:45 PM

JERRY HASTINGS, PLS, ADA COUNTY SURVEYOR TOM JUDGE, PLS, FORSGREN SUBDIVISIONS/CONDOS/PUDS

2:45-3:15 PM-BREAK

3:15-5:00 PM-CONCURRENT SESSIONS BRIAN ALLEN, PLS-COMMITTEE CHAIR ISPLS STANDARDS OF PRACTICE

ADAM THAYER, PLS-YOUNG SURVEYOR REP YOUNG SURVEYORS MEETING

5:30-6:00 PM-RECEPTION

6:00 PM- SCHOLARSHIP AUCTION DINNER & **ANNUAL AWARDS** 

Call for Scholarship Auction Items ISPLS needs donations for the Annual Scholarship Banquet and Auction. Please notify the ISPLS office if you are planning on bringing an item. Remember this helps assure the FUTURE OF SURVEYING!!!!

# friday, february 18 7:00 AM-REGISTRATION OPENS

8:00-9:45 AM

VICTOR VILLEGAS. BORTON-LAKEY LAW (INVITED) LEGAL ISSUES-BOUNDARY/DISPUTE RESOLU-TIONS, EASEMENTS

9:45-10:15 AM-BREAK

10:15-Noon

JOE STROHMAIER, MANAGER, TITLE ONE CORP BRETT GILE, TITLE LEADER, TITLE ONE CORP LEGAL FUNCTION OF TITLES

NOON-CONFERENCE OVER

# 3

## ~ ISPLS Annual Conference Registration ~

Register online at www.idahospls.org or scan and email to tottens@amsidaho.org or mail to PO Box 7886, Boise, ID 83707

Name: Title:							
License #: Company (or school):							
Email:Phone:							
[ ] <b>TUESDAY</b> - PLEASE RSVP IF YOU ARE ATTENDING THE MEETINGS. IF YOU ARE JOINING BOARD FOR LUNCH PLEASE PURCHASE SEPARATE LUNCH TICKET BELOW							
NOTE—ALL REGISTRATIONS RECEIVED AFTER <b>FEBRUARY 10th</b> WILL HAVE A 10% LATE FEE ADDED							
REGISTRATION FOR PDH Hours							
FULL CONFERENCE LIVE MEMBER [ ] PDH NEEDED-\$475 NON-MEMBER [ ] PDH NEEDED-\$600 FULL CONFERENCE VIRTUAL MEMBER [ ] PDH NEEDED-\$325 NON-MEMBER [ ] PDH NEEDED-\$400							
REGISTRATION FOR ASSOCIATES (NO PDH HOURS)							
FULL CONFERENCE LIVE MEMBER-[] \$200 NON-MEMBER-[] \$300 FULL CONFERENCE VIRTUAL MEMBER-[] \$125 NON-MEMBER-[] \$200							
REGISTRATION FOR ONE DAY ONLY							
ONE DAY ONLY LIVE— MEMBER [ ] PDH NEEDED—\$200 NON-MEMBER [ ] PDF NEEDED-\$300 ONE DAY ONLY VIRTUAL— MEMBER [ ] PDH NEEDED—\$125 NON-MEMBER [ ] PDH-\$200 MEMBER [ ] NO PHD NEEDED—\$75							
REGISTRATION FOR STUDENTS (NO PDH HOURS)							
FULL CONFERENCE [ ] \$25							
EXTRA MEALS /HANDOUTS - ALL MEALS INCLUDED WITH YOUR REGISTRATION. PLEASE INDICATE BELOW IF YOU PLAN TO BRING A GUEST OR IF YOU ARE ATTENDING THE BOARD LUNCH ON TUESDAY OR IF YOU WANT PHYSICAL COPIES OF HANDOUTS							
.[ ] GUEST OR BOARD LUNCH TICKET \$25 NAME OF GUEST							
YES, I WANT TO MAKE A VOLUNTARY DONATION TOWARDS SENDING A STUDENT OR ASSOCIATE MEMBER TO THE CONFERENCE []\$25 []\$50 []\$75 []\$100 OR []\$ (PLEASE ADD DONATION TO TOTAL)							
[ ] YES, I WANT PRINTED COPIES OF THE HANDOUT \$25							
PAYMENT: PAYMENT MUST BE RECEIVED BY FEBRUARY 10th to RESERVE YOUR SPACE.							
Total Amount Due: \$ [ ] I have enclosed a check or money order payable to ISPLS [ ] I will pay online by Credit Card at www.idahospls.org							

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PHONE: 208-658-9970 ~ EMAIL: TOTTENS@AMSIDAHO.COM

# 4

#### ~ ISPLS CONFERENCE SPONSORS AND EXHIBITORS

Register online at www.idahospls.org or scan and email to tottens@amsidaho.com or mail to PO Box 7886, Boise, ID 83707

Interested in being a Sponsor or
Exhibitor?
See Below or Visit the ISPLS website at www.idahospls.org for more
details

#### EXHIBIT SHOW RULES AND REGULATIONS

- These rules and regulations governing the exhibits under the auspices of the ISPLS Annual Survey Conference are a part of the agreement for space.
- Preference for booth location will be based upon the date the application and payment are received and the first available request for the booth location.
- **Setup and Teardown:** Setup time is Wednesday, February 16 from 7:00 A.M. to 12:00 PM. Booths should remain open and attended during regular conference hours until 1:00 pm on Friday, February 18
- **Use of Space:** Exhibitors shall arrange their exhibits so that they do not obstruct other exhibits. All aisles and the fire exits must be kept clear. Exhibits should be arranged so attendants are within the assigned space. All materials used for decorations shall be of a flame-retardant type.
- **Noise:** Public address, sound producing or amplifying devices which project sound in an annoying manner beyond the exhibitor's booth are prohibited.
- Liability: Neither the Idaho Society of Professional Land Surveyors, University Inn nor any member of the above named will be responsible for any injury, loss or damage that may occur from any cause whatsoever. The exhibitor, on agreeing to the booth contract, expressly releases the aforementioned from any and all claims for such loss, damage or injury.
- **Security:** The exhibit space is in a room that will be locked at night. All reasonable precautions will be taken to protect exhibitor's property.
- Cancellation: In the event an exhibitor finds it necessary to cancel participation in the exhibit program, refunds will be made as follows: Cancellation prior to February 10 2022, will receive a full refund. Cancellations after February 10, 2022, will not receive a refund.
- **Regulations:** These regulations become a part of the contract between the exhibitor and ISPLS Annual Survey Conference. ISPLS thanks the exhibitors for their cooperation in observing these rules.
- Additional Services: Each space will include one table and 2 chairs. Any additional tables or chairs required by the exhibitor will be arranged in advance by contacting the staff. Any power cords or power strips will be the sole responsibility of the exhibitor.

TOTAL AMOUNT DUE: \$					
[ ] I HAVE ENCLOSED A CHECK OR MONEY ORDER PAYABLE TO ISPLS					
[ ] I WILL PAY ONLINE BY CREDIT					

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#### THOUGHTS ON PROFESSIONAL PRACTICE AND EDUCATION

OPINION PAGE

Article 1: Faculty Licensure by Knud E. Hermansen<sup>†</sup> P.L.S., P.E., Ph.D., Esq.

This will be the first of several articles giving thought to the topic of professional practice and education.

have reached the age where I have a great many opinions and have no fear of sharing them. I have no employers that would take umbrage of my opinion. Perhaps some current or past clients might object but they are free to seek others to perform their services should they wish.

If this is the first of several articles I plan to write, I can introduce myself thoroughly in this article and be reticent about an introduction in later articles.

I am retired after 30 years of teaching though I still do contract teaching for surveying and engineering programs. I have also retired from the military where I was a surveyor and engineer for over twenty years. I have been licensed in several states as a surveyor, engineer, and attorney. I still have an active license for each profession in at least one state. I have consulted in a wide variety of roles offering surveying, engineering, and legal services. I have surveyed many miles of boundaries. I was a member of a licensing board at one time. On numerous occasions I have served as an expert witness, trial attorney, appeals attorney, arbitrator, mediator, boundary commissioner, and, of course, a professor and instructor. Old age, experience, and my varied and unique practice I hope gives me a perspective that will generate some thought, no doubt some controversy, and perhaps some changes.

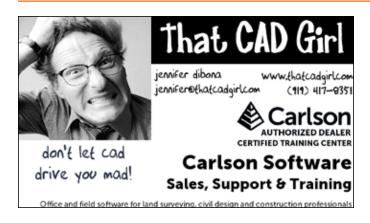
In this missive I will focus on surveying faculty qualifications. I will not and never claim to be among the best faculty. I am sure there are some former students that will claim I am not even a satisfactory faculty for

I had hard standards and high expectations that left some students disgruntled and unhappy that I chose to apply these standards to them. As I said, I am too old to change or even give much care to what a young student, lacking experience, may believe. To put it simply, their opinion is seldom my reality. After the graduate has practiced in the surveying profession for fifty years and still wishes to maintain a low opinion of my instruction, I will welcome their thoughts and give them worthy consideration.

The point I wish to make in this missive is to give my opinion on faculty licensing. I do not believe a quality surveying program must require every faculty to be licensed to practice the profession of surveying. However, I do believe a majority of faculty should be licensed to practice the profession. I will offer three reasons for my opinion.

irst and most importantly, I am of the firm opinion that no amount of education and research in surveying or 'geomatics' (as some programs prefer to use), allows a faculty to provide the impactful presentation experience allows. Of course, any person wishing to become faculty and claim they have experience outside of academics should have enough experience to be able to qualify and sit for professional exams in at least one state.

I am mindful that some faculty may have experience in areas of surveying practice that their state of residency will not accept toward licensure. Yet, that person will not be prevented from applying and being licensed in some other state that does accept their experience for licensure. (There is no state, by law, that can demand residency in the state before being licensed.) By way of example, I would refer the reader to some states that require a license for and therefore must accept experience in areas of remote sensing and GIS when applying for professional licensing.





Second, I believe it important that faculty set an example that will encourage students to seek professional licensing in the surveying field. This is done most effectively by the faculty themselves being licensed to practice the profession of surveying. I have seen numerous articles in professional magazines that lament the aging of the licensed surveyor population and how few young persons are entering the profession. Many employers lament the difficulty of finding young persons interested in filling employment openings. Young adults are not given a good example by allowing surveying instructors to be unlicensed.

hird, I believe faculty are much more inclined to have been or become active in their state and national professional societies when licensed. I am of the very firm belief that a successful college surveying program must enjoy the support of state surveying societies. To enjoy that support, there must be continuous interaction and familiarity between the academic program and the professional society. The interaction and familiarity are often absent or tenuous at best when faculty are not licensed. Lacking a license, the faculty can't be a full member of the professional society.

I have such a firm opinion on the importance of requiring licensed faculty, that I would demand licensing as a prerequisite for a faculty member even at the sake of academic qualifications. If the only choice to fill a faculty position was between a licensed individual and one with a Ph.D. of similar temperament, I would opt to always take the licensed individual.

Many universities that host surveying programs require a Ph.D. These same surveying programs do not require professional licensing of faculty. For some reason which I cannot comprehend, even after 30 years in college teaching, university administrators think it much more important to hire a Ph.D., without practical experience, often without experience as a resident, to teach surveying topics. The administrator will not accept someone without the Ph.D. that would have many years of relevant experience, relevant license,



and familiarity with the residency where a graduate is likely to seek employment.

aving given my opinion, I now offer advice by suggesting ABET and professional societies make strenuous and consistent requests of administrators of surveying programs to demand current faculty become licensed and new faculty to be licensed prior to employment. The line is very clear. If a person wishes to teach in a surveying or geomatics program, they should have a professional license.

†Other books and articles by Knud can be found at https://umaine.edu/svt/faculty/hermansen-articles/





#### IDAHO SOCIETY OF PROFESSIONAL LAND SURVEYORS



#### SCHOLARSHIP APPLICATION INFORMATION

#### **APPLICATION PROCESS:**

Interested applicants may apply by completing this application form. Return the completed, signed application form and accompanied documents, to the Idaho Society of Professional Land Surveyors office via U.S. Mail, or email (preferred), on or before **June 1**, to be eligible for consideration. Applications must include the following:

- 1. Application form
- 2. Unofficial transcripts (If the applicant has not attended college, high school transcripts are required)
- 3. Proof of registration for the upcoming Fall semester
- 4. Written statement
- 5. Two letters of recommendation

#### <u>Send COMPLETE applications to:</u> Idaho Society of Professional Land Surveyors

PO Box 7886 Boise, ID 83707 Email: tottens@amsidaho.com

#### **ELIGIBLE STUDENTS:**

Applicants must be enrolled in an accredited surveying or geomatics degree program at an Idaho College or University. Open to both full-time and part-time students to apply.

#### AMOUNT OF THE SCHOLARSHIP(S):

The quantity and value of the scholarship(s) will be determined each year by the ISPLS Board of Governors and the ISPLS Scholarship Committee.

#### WRITTEN STATEMENT:

Attach a written statement describing any significant high school, university, or college activities you may have completed, including community work. Describe your educational, career, and personal goals, including, if you plan to practice or work in the state of Idaho in the surveying profession after you graduate. Describe any other factors that might affect your personal or financial situation. Please attach your statement to your application and limit your response to two pages.

#### LETTERS OF RECCOMENDATION:

Attach two letters of recommendation from instructors, faculty members, mentors, or employers.

#### **SELECTION:**

Applicants will be evaluated on the information contained on the completed application, including the applicant's level of academic achievement, financial need, quality of employment, letters of recommendation, and quality and applicability of the written statement.

#### **AWARD NOTIFICATION:**

Notification regarding the results of the application will be sent, via U.S. Mail or email, to the successful recipient(s) before September 1st. The recipient(s) are encouraged to attend the annual ISPLS Conference in the Spring where they will be recognized by the members of ISPLS.

#### **DISBURSING OF MONEY:**

Funds in the name of the recipient(s) will be paid directly to the Idaho College or University in which the recipient is enrolled for distribution into their student account.

### IDAHO SOCIETY OF PROFESSIONAL LAND SURVEYORS





SCHOLARSI	TIP APPLICATION	N							
SECTION 1 – A	PPLICANT INFO	RMATIO	N						
Last Name			First			M.I.	Date		
Mailing Address									
City			State			ZIP			
Phone Number	Phone Number				E-mail Address				
Resident of Idaho? YES NO If no, where do you reside?									
College or University Currently Enrolled									
Student ID #									
Program of Study or Maj	ior				Credit hours	s completed			
SECTION 2 – E	DUCATION HIST	ORY (At	tach add	itional she	ets if nec	essary)			
HIGH SCHOOL		` `	Address						
From	То	Did you graduate?	YES	NO	Degre	e			
COLLEGE		I I	Address						
From	То	Did you graduate?	YES	NO	Degre	e			
COLLEGE		A	Address						
From	То	Did you graduate?	YES	NO	Degre	e			
COLLEGE			Address						
From	То	Did you graduate?	YES	NO	Degre	e			
SECTION 3 – E	MPLOYMENT HI		Attach a	dditional	sheets if	necessary)			
COMPANY			Address			•			
From	То	Type of Bus	siness		Positio	on			
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COMPANY		F	Address						
From	To	Type of Bus	siness		Position	on			
COMPANY		I I	Address						
From	To	Type of Bus	siness		Positio	on			
CERTIFICATIO	ON								
I certify that all information I have provided on this form is true and complete to the best of my knowledge. If requested, I agree to give proof of the information on this form and other information deemed necessary to determine award. I give permission for the selection committee to contact college officials or employers for academic information or references. If selected to receive a scholarship, I give permission for a publicity release.									
Signature						Date			

#### **CALL FOR COMMITTEE MEMBERS**

SPLS is looking for members to assist on its various committees for 2022. Below is a list of our committees with descriptions on purpose. If you would like to learn more about a committee or would be interested in joining one, contact the ISPLS office at info@idahospls.org.

#### **ADMINISTRATIVE COMMITTEE**

 Duties include maintaining the Bylaws and Articles of Incorporation, financial administration, and ethical practice.

#### **EXTERNAL MARKETING COMMITTEE**

 Duties include lobbying and legislation on behalf of members, interaction with national professional surveying organizations, other professional organizations, and the community.

#### ISPLS CALL FOR PICTURES

e are looking for great pictures depicting surveyors and surveying situations around the state for use on both our website and the *Gem State Surveyor*. The pictures have to be high quality, in a tif or jpeg file, and should not be long shots of anything (close-ups are preferred). We also need permission to use them now or in the future! Please submit to the ISPLS office at info@idahospls.org or tottens@amsidaho.com.

#### INTERNAL MARKETING COMMITTEE

 Duties include membership benefits and recognition, professional development, election of board members, Gem State Surveyor publication, and section support.

#### **EDUCATION COMMITTEE**

 Duties include promoting education in schools and universities and creating scholarships to promote surveying education.

#### **INNOVATION COMMITTEE**

 Duties include researching developing technologies and next generation surveying technologies.

#### ISPLS CALL FOR ARTICLES

nd we are in need of surveying related articles for the *Gem State Surveyor*! Please submit any suggestions or articles in electronic form to the ISPLS office at info@idahospls.org or tottens@amsidaho.com.

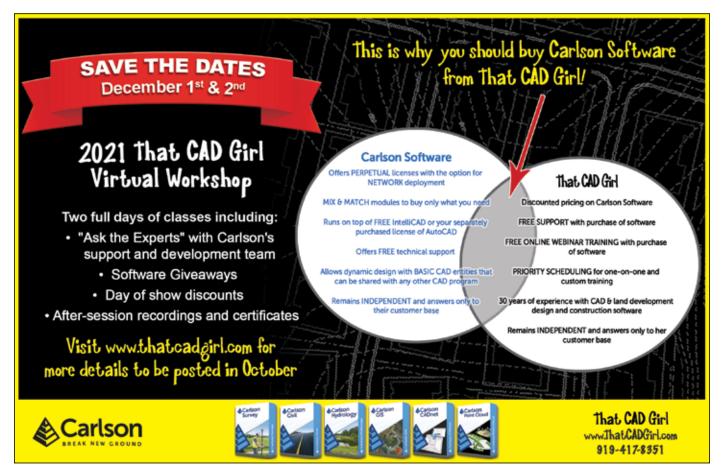




Kirez Reynolds Geomatics Specialist Cell: 208-866-2210 Email: kreynolds@krinc.net

4686 W. Chinden Blvd. Garden City, ID 83714





#### ITD AT WORK

Ponners Ferry, Idaho, is nestled between the Selkirk and Purcell mountain ranges of North Idaho and provides challenging circumstances for an Idaho Transportation Department (ITD) Survey Crew who experienced the dry fire season, high temperatures, and hazardous smoke, atypical to the area. The Surveyors are there to complete needed geodetic leveling (used to determine accurate orthometric elevations, i.e., height above sea level, height differences and to extend the vertical control networks) to preserve elevations from existing benchmarks that will be destroyed by the final stage of improvements to the U.S. Highway 95 in the area.

National Geodetic Survey (NGS) and its numerous precursor and sister agencies have been determining differential elevations and setting benchmarks since 1807. At incalculable cost, hundreds of thousands of these NGS benchmarks across the United States determined through over 2 million miles of differential leveling have supported the vertical/elevation component of the National Spatial Reference System and provided elevations at fixed points on the surface of the earth. Knowledge of elevations is critical to

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surveyors, engineers, coastal managers, developers, and those who make resource or land-use management decisions.

US-95 takes travelers and locals alike through the home to the Kootenai Tribe, with many visiting the Best Western Plus Kootenai River Inn Casino and Spa on the upland bank of the Kootenai River.

TD is divided into six Districts, and historically each District has employed survey personnel. D5 is the only ITD office that has necessary NGS-specified equipment and recent geodetic leveling training and experience to complete geodetic leveling of this nature. In the next year, the District 2 (Lewiston) office is scheduled to have all needed equipment to cover this leveling work in the northern end of the state.

From the ITD D5 survey work, four NGS benchmarks at the north end of Bonner's Ferry check with each other within NGS first order specifications: from the pier, geodetic leveling across the new bridge to Y 381 (PID TO0523), and then through downtown to N 284 (PID TO0020) a vertical benchmark set in the Post Office in 1944, and up the hill to A 383 (PID TO0525), which was directly under a coniferous bush at the corner of the Trinity Lutheran Church property.

However, Z 381 (PID TO0524), set in the abutment of the bridge over the BNSF Railroad tracks at the north end of Bonner's Ferry, did not check with these four monuments. More than 2 inches of settling of the massive bridge appears to have occurred since the mark was monumented in 1980.



TT 13=BONNERS (PID TO0023)— Found to be low 0.08' will be destroyed by construction and replaced in 2023 or 2024.



### Occupying P 284—Union Pacific Railroad Bridge in the Background Note the smoky skies

Johnson and the D5 crew, consisting of Land Surveyor Jeannie Liimakka and Idaho State University Career Path Interns Nicholas Gelles and Craig Mackay, performed geodetic leveling through town to support upcoming street widening which will destroy BONNERS and its azimuth mark (PID TO0921).

nother challenge faced by the ITD District 5 survey crew was the NGS benchmark at the south end of Bonner's Ferry. Because A 385 (PID TO0526) was recovered bent and projecting from its access cover, and its elevation was already destroyed. The D5 crew removed the benchmark installation it in its entirety. Most likely the land settled around the stainless steel rod that was driven to refusal, and then the rod was hit by a private snow plow. The D5 crew will replace it when they run the geodetic leveling to replace benchmarks in town.

In all, the D5 Crew completed about 8.6 miles of First Order leveling work and found that 7 of 10 marks matched within First Order tolerance.



Pictured is Jeannie Liimakka at the Leica DNAO3 Digital Level and in the background Craig Mackay on the other Invar Rod. The Leica DNAO3 is the standard leveling instrument used by NGS since 2006.



NOTICE – IDAHO SOCIETY OF PROFESSIONAL LAND SURVEYORS

#### **NEEDS YOUR INPUT**

For the past two years ISPLS has been working on updating the "Standards of Practice". This document will be used as a resource for best practices for surveyors practicing in the State of Idaho. YOUR review and comments are very important.

To access the document please visit <a href="www.idahospls.org">www.idahospls.org</a> (Click on Members Tab, click on Draft Standards of Practice tab)

Please forward all comments to Brian Allen, Chair <a href="mailto:bwireallen@gmail.com">bwireallen@gmail.com</a>

ISPLS Office – 208-658-9970 tottens@amsidaho.com

COMMENT DEADLINE – NOVEMBER 30, 2021

#### MINUTES | BOARD MEETING | DECEMBER 4, 2021

#### Present:

Steve Frisbie, Glenn Bennett, Steve Frisbie, Brian Allen, Adam Thayer, Jeremy Feilding, Stewart Ward, Hagen Beckstead, Chris Harmison, Tom Judge, Jerry Hastings, Aaron Ballard, Teri Ottens – Staff

Fielding opened the meeting at 9:11 a.m. and asked for changes to the agenda.

No proxies were declared.

#### **Welcome to New Staff:**

The new staff members, Jaclyn Brandt and Liz Conner introduced themselves. They will be taking over on December 15.

<u>Motion:</u> Frisbie moved to approve the hiring of the new staffing team. Harmison seconded. Passed unanimously.

Staff will send out contracts to the board. There was discussion on missing a few steps in the process and this was acknowledged and will be corrected.

He introduced Tom Judge as the new lobbyist for ISPLS who introduced

<u>Motion:</u> Allen moved to approve Judge as the lobbyist for ISPLS. Frisbie seconded. Passed unanimously.

#### **Minutes:**

<u>Motion:</u> Ward moved to approve the minutes as presented. Adam seconded. Passed unanimously.

#### **Calendar Review:**

Fielding pointed out that there are key things coming up this year to keep our eyes on including:

- Legislative calendar/issues
- Scholarship dates
- Meeting dates for various related organizations

Staff will add ACEC meetings to the calendar.

#### **Conference Report:**

Staff summarized the written conference report. Things are on track and registrations are coming in. Fielding agreed to serve as the MC of the conference and staff has asked for assistance in making the auction happen.

#### **Committee Reports:**

<u>NSPS</u> - Ward submitted a full report which was acknowledged.

<u>Membership Report</u> - Staff reported on what we are doing in renewing memberships with an electronic invoice sent in November and a hard

copy invoice to be sent in December for those who have not paid yet. We will also do more promotion of membership as we promote the conference.

Marketing Plan - Staff discussed a draft marketing plan presented in the packet. It will concentrate on recruitment of new members. There was a discussion on potential new membership categories or groups we could recruit, including:

- · Retired members
- LSI members
- Realtors
- Corporate

Another strategy is to work more closely with ISU on their recruitment program. Bennett says ISU is doing a great job now with 130 new recruits. They are working to become the preeminent online school for surveying. It was agreed that membership starts with the schools and we need to involve them more fully.

#### **IBPELS:**

Sondra Miller introduced herself as the president of ISPE and a professor at BSU for the past 15 years. She is seeking our endorsement to serve on the licensing board. There was discussion on roles and how the college programs in engineering and surveying can entice students.

<u>Gem State Surveyor</u> - Beckstead reported on the next issue of the magazine and presented a list of suggestions.

Some new suggestions for content included:

- Article from Ryen Johnson, ITD
- ISU update
- AARPA Funds (covid) to move towards electronic documents for recording

<u>Legislative Update</u> - Judge talked about the upcoming session:

- Legislative packet is going forward with many of ISPLS requests
- DOPL Update There was discussion on the progress of the reorganization and how we should approach it. Staff stated we need to stay on the inside and not get into a confrontational relationship with them. The written report updating the DOPL process was acknowledged.

Fielding said he wants to establish what is the communication route to communicate with Judge and for him to communicate back? Some suggestions included:

- Legislative Committee/President as primary communication
- Work with staff to get information out to the BOG
- Do weekly legislative updates during the session

#### MINUTES | BOARD MEETING | DECEMBER 4, 2021

Allen said the committee will get together and come up with a communications plan for the board for lobbyist issues.

Beckstead said that improving the ways we communicate will help, including a summary in each GSS of the things we accomplished this quarter and how it serves them.

<u>ISPELS Report</u> - Bennett reported from the board meeting and summarized:

- They heard from ISU and they are increasing the number of graduates from their program
- DOPL transition Projected move to HP campus in July of 2022, reorganization chart was posted yesterday
- Keith Brooks was appointed to replace John Elle
- Next Board meeting will be in Moscow on the 14th and 15th
- Website now has opinions adjudicated through the courts on the website
- News brief will be out anytime

<u>Standards of Practice</u> - Allen updated the board on the progress:

- Received comments and incorporated them
- The draft will need formatting now for presentation
- · Vote on final version at the annual meeting

<u>Scholarship</u> - Thayer reported that he reviewed the application for this year and it is good to go. There was discussion on how to better market the application and new due dates for June.

#### **Treasurer's Report:**

<u>Budget</u> - Frisbie highlighted the changes to the budget with major changes including:

- Increased staffing
- Lobbyist

Some changes were made to the travel funds to guarantee enough for the increased travel expected this year.

<u>Motion:</u> Hastings moved to approve the budget as amended. Harmison seconded. Passed unanimously.

Ideas to raise revenues were discussed:

- Have an extra day before the conference special session with additional fee
- · New membership categories
- New members
- Advertising
- Increase dues

Thayer talked about reducing student and associate dues to invest in our future. Company sponsors to over student dues.

There was discussion on how to go from ideas to implementation. It was decided to try and put together a strategic planning session in January, possibly in Twin Falls Staff will send out a doodle poll. Some of the things on the agenda should be:

- How to get sections more involved
- How to get members involved in committees
- Revenue options
- Membership recruitment/marketing plan
- · Investment options

<u>WestFed</u> - Fielding clarified that for now the VP will serve in this position until it is put back into the bylaws.

#### **Awards:**

The award applications were reviewed and discussed.

#### **Nominations:**

Two nominations were received for NSPS Representative. They were Steve Frisbie, who declined the nomination and Stewart Ward, who accepted. Staff will prepare the ballot and send it out thirty days prior to the conference.

#### **Bylaws:**

Frisbie presented changes to the bylaws. These were reviewed and language was amended but concepts stayed the same.

<u>Motion:</u> Hasting moved to approve bylaws changes as presented and amended. Allen seconded. Passed unanimously.

Staff will prepare a ballot and send out thirty days prior to the conference.

#### **Policies:**

Language defining how the Standards of Practice sub-committee will operate was added.

<u>Motion:</u> Allen moved to accept the policies as presented and amended. Hastings seconded. Passed unanimously.

#### **Next Meeting:**

February 15, 2022, Moscow

#### **Adjournment:**

The meeting was adjourned at 1:26 p.m.

Respectfully Submitted: Teri Ottens 🗼

#### **ISPLS BOARD**



#### **PRESIDENT**

#### Jeremy Fielding

Eagle Land Surveying pls12220@yahoo.com 208-861-7513

#### VICE PRESIDENT

#### **Aaron Ballard**

KM Engineering aballard@kmengllp.com 208-559-8060

#### **TREASURER**

#### **Steve Frisbie**

T-O Engineers sfrisbie@to-engineers.com 208-323-2288

#### PAST PRESIDENT

#### **Coy Chapman**

Sawtooth Land Surveying coy@sawtoothls.com 208-329-5303

#### YOUNG SURVEYOR REP

#### **Adam Thayer**

Dioptra adam@dioptrageomatics.com 208-757-1435

#### NSPS REPRESENTATIVE

#### **Stewart Ward**

DIOPTRA LLC stewart@dioptrageomatics.com 208-251-3962

#### **IEPLS LIASON**

#### **Glenn Bennett**

Civil Survey Consultants, Inc. elkwatcher@outlook.com 208-375-5389

#### **EASTERN SECTION DIRECTOR**

#### **Brian Allen**

Allen Land Survey bwireallen@gmail.com 208-852-2839

#### DAVID THOMPSON DIRECTOR

#### **Tyson Glahe**

Glahe & Associates, Inc. tglahe@glaheinc.com 208-265-4474

#### MAGIC VALLEY SECTION DIRECTOR

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EHM Engineers, Inc. charmison@ehminc.com 208-734-4888

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Ada County Development Services jhastings@adaweb.net 208-287-7912

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Alpine Enterprises Inc. bsmith@alpineenterprisesinc.com 208-727-1988

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#### **Robert Stratton**

Stratton Land Surveying rob@strattonls.com 208-687-2854

#### **GSS EDITOR**

#### **Hagen Beckstead**

Foresight Surveying hagen@foresightsurvey.com 208-339-4246

#### **QBS REPRESENTATIVE**

#### **Joseph Jones**

Sawtooth Land Surveying joe@sawtoothls.com 208-398-8104

#### STATE CST COORDINATOR

#### **Robert Liimakka**

Idaho State University Iiimrobe@isu.edu 208-373-1807

#### EXECUTIVE DIRECTOR/ SECRETARY

#### Teri Ottens, Liz Conner, Jaclyn Brandt

ISPLS

tottens@amsidaho.com 208-658-9970