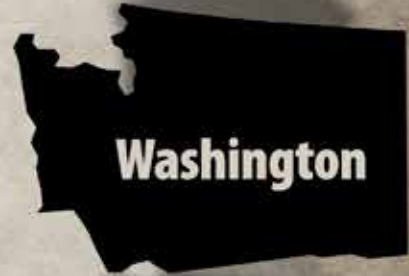


**Jan  
VANSICKLE**

**Gary  
KENT**

**Knud  
HERMANSEN**

**SEVEN STATES  
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MAGNIFICENT OPPORTUNITIES**



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March 27-30, 2021

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# SEVEN STATES

## ONE VIRTUAL CONFERENCE

### MAGNIFICENT OPPORTUNITIES



We are excited to announce that seven of the western states including: ASPLS (Alaska), APLS (Arizona), CLSA (California), MARLS (Montana), NALS (Nevada), NMPS (New Mexico), and LSAW (Washington) are teaming up to create the Western Regional Virtual Survey Conference! The Conference will be held March 27-30, 2021.

#### Virtual Conference - How Does it Work?

Prior to the conference you will receive an email providing you access to the conference app. The conference app can be accessed via a computer or downloaded as an app on your phone (or both!). The conference app is where the virtual conference will be organized. In the app you will find the conference agenda and the Zoom registration links for each session. Additionally, you will find a Chat Room, Exhibit Hall, Directory of Attendees, and more! The app will be your one-stop shop to access the virtual conference. *As we get closer to the event, we will release short video tutorials with easy step-by-step instructions.*

#### Will I be Allowed to Ask Questions?

Absolutely! We encourage you to interact with the speaker during the live presentations. A Q&A panel will be used to ask questions throughout the presentation. Each session will have a moderator and their job is to watch for questions.

#### Will the Sessions be Recorded?

Yes! And this is a great benefit of a virtual conference. At a regular in-person conference you have to choose which session to attend and you miss out on the rest. Not this year! Whatever sessions you miss during the conference, you can view the recording at your convenience. *Recordings will be made available on a complimentary basis to all conference attendees through August 31, 2021.*

#### What About Continuing Education?

The virtual system tracks your time in session and we will automatically send continuing education certificates to all registered attendees. However, we are unable to monitor time reviewing recordings so verification cannot be provided for watching recordings. There are over 32 hours of live continuing education available.

#### Will There be Time to Network?

Yes! We have scheduled dedicated time for attendees to network (unmuted). During this time we will have network hosts to provide topic guidance and roundtable discussions. In addition, we have a completely interactive exhibit hall so that you can meet with the vendors and catch up on the latest technology. The proximity-audio-based networking tool we will use allows you to connect with exhibitors, sponsors, speakers, colleagues, and other attendees! *As we get closer to the event, we will release a short video demo of this exciting new tool.*

**For  
More  
Information**

Western Regional Virtual Survey Conference Office  
526 South E Street • Santa Rosa, CA 95404  
T. (888) 994-3510 F. (707) 578-4406  
[www.PLSeducation.org](http://www.PLSeducation.org) • [conference@PLSeducation.org](mailto:conference@PLSeducation.org)

# SEVEN STATES ONE VIRTUAL CONFERENCE

## PRELIMINARY PROGRAM

*Pacific Time Zone  
Preliminary Program, Subject to Change*

**Saturday, March 27, 2021**

- 8:00 am – 8:30 am **Opening Ceremonies – Announcements**  
Master of Ceremonies: Trent Keenan, PLS
- 8:30 am – 10:00 am **The Art of Retracement**  
Gary Kent, PLS
- 8:30 am – 10:00 am **FEMA Elevation Certificates: How to Complete Forms Quickly and Accurately**  
Scott VanHoff, CFM
- 8:30 am – 10:00 am **Field to Finish in Carlson Survey**  
Rick Ellis
- 8:30 am – 10:00 am **LS REVIEW: Exam Preparation & Strategy**  
Rob McMillan, PLS
- 10:00 am – 10:30 am **Networking Break**  
*Sponsored by:*
- HUITT-ZOLLARS**
- 10:30 am – 12:00 pm **The Art of Retracement (continued)**  
Gary Kent, PLS
- 10:30 am – 12:00 pm **FEMA Elevation Certificates (continued)**  
Scott VanHoff, CFM
- 10:30 am – 12:00 pm **Carlson Survey Tips and Tricks**  
Rick Ellis
- 10:30 am – 12:00 pm **LS REVIEW: GPS & Geodesy**  
Martin Paquette, PLS
- 12:00 pm – 1:00 pm **Networking Break**  
*Sponsored by:*



## MEET THE ASSOCIATIONS



# SEVEN STATES ONE VIRTUAL CONFERENCE

**Saturday, March 27, 2021 – continued**

- 1:00 pm – 3:00 pm **ALTA Update**  
Gary Kent, PLS
- 1:00 pm – 3:00 pm **Defensible Settlement Monitoring**  
Ben Petersen, PLS
- 1:00 pm – 3:00 pm **Field to Finish in Civil 3D**  
Rick Ellis
- 1:00 pm – 3:00 pm **LS REVIEW: Water Boundaries**  
Evan Page, PLS

3:00 pm – 3:30 pm **Networking Break / Exhibit Hall**  
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**VERTICAL MAPPING RESOURCES**  
an evolution in land information

- 3:30 pm – 5:00 pm **ALTA Update (continued)**  
Gary Kent, PLS
- 3:30 pm – 5:00 pm **Davis Bacon Act & Prevailing Wage**  
Ben Petersen, PLS
- 3:30 pm – 5:00 pm **Civil 3D Template Creation & Data Organization**  
Rick Ellis
- 3:30 pm – 5:00 pm **LS REVIEW: Water Boundaries (continued)**  
Evan Page, PLS
- 5:00 pm – 7:00 pm **Networking Break / Exhibit Hall**

## NETWORKING BREAKS

Each break will include a 10 minute presentation(s) from our sponsors, followed by time to network and meet with our exhibitors.

### Saturday 10 Minute Presentation Schedule:

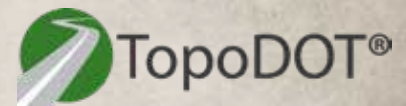
- 10 AM: Huitt Zollars  
12 PM: Cooper Aerial  
3 PM: Vertical Mapping Resources  
5 PM: Aerotas, Carlson Software, TopoDot, Berntsen, & Bad Elf

*More Info Available in the Conference App*

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# SEVEN STATES ONE VIRTUAL CONFERENCE

**Sunday, March 28, 2021**

- 8:30 am – 10:00 am **Accuracy, Error Analysis and Statistics**  
Jan VanSickle, PLS
- 8:30 am – 10:00 am **Contracts**  
Knud Hermansen, Esq., Ph.D, PE, PLS
- 8:30 am – 10:00 am **Photogrammetry to CAD Workflow Class**  
Luis Rojas
- 8:30 am – 10:00 am **LS REVIEW: Construction Survey Calculations**  
Rob McMillan, PLS

10:00 am – 10:30 am **Networking Break / Exhibit Hall**  
*Sponsored by:*



- 10:30 am – 12:00 pm **Best Practices for GNSS**  
Jan VanSickle, PLS
- 10:30 am – 12:00 pm **Insurance Update**  
Laura Ledbetter
- 10:30 am – 12:00 pm **Establishing Requirements, Extracting Metrics,  
& Evaluating Quality of LiDAR Data**  
Michael Cook
- 10:30 am – 12:00 pm **LS REVIEW: Math for Surveyors**  
Jim Coan, PLS

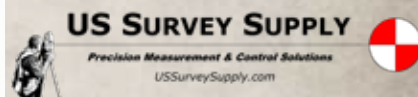
12:00 pm – 1:00 pm **Networking Break / Exhibit Hall**  
*Sponsored by:*



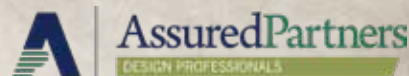
**MORE INFO & ONLINE REGISTRATION:**

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**That CAD Girl**



**ALLEN**  
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*Mentoring*  
**MONDAYS**

# SEVEN STATES ONE VIRTUAL CONFERENCE

**Sunday, March 28, 2021 - continued**

- 1:00 pm – 3:00 pm **Coordinates & Geodesy**  
Jan VanSickle, PLS
- 1:00 pm – 3:00 pm **Board of Registration Update**  
Representatives from each Board of Registration
- 1:00 pm – 3:00 pm **Are Satellite Based Correction Services the “Next Utility” For Surveyors?**  
Bob Green, PLS
- 1:00 pm – 3:00 pm **LS REVIEW: Random Error Theory**  
Jim Coan, PLS
- 3:00 pm – 3:30 pm **Networking Break / Exhibit Hall**  
*Sponsored by:*
-   
Vectors Inc.
- 3:30 pm – 5:00 pm **LiDAR, IMU, GNSS and Cameras in Terrestrial Mobile Mapping Systems (MMS)**  
Jan VanSickle, PLS
- 3:30 pm – 5:00 pm **NCEES: Marketing and Outreach Update & Threats to Licensure**  
Marisa Trzeczalski & Josh Twitty
- 3:30 pm – 5:00 pm **Workflows for Combining LIDAR and Photogrammetry Data**  
Logan Campbell
- 3:30 pm – 5:00 pm **LS REVIEW: Random Error Theory (Continued)**  
Jim Coan, PLS
- 5:00 pm – 7:00 pm **Networking Break / Exhibit Hall**

## NETWORKING BREAKS

Each break will include a 10 minute presentation(s) from our sponsors, followed by time to network and meet with our exhibitors.

### Sunday 10 Minute Presentation Schedule:

- 10 AM: Carlson Software  
12 PM: Topcon Solutions Store  
3 PM: Vectors, Inc.  
5 PM: That CAD Girl, Allen Instruments, Seafloor Systems, Mentoring Mondays

## MEET THE ASSOCIATIONS



# SEVEN STATES ONE VIRTUAL CONFERENCE

**Monday, March 29, 2021**

8:30 am – 10:00 am **CFedS Workshop - GLO/BLM Records**  
Tasha Huta

8:30 am – 10:00 am **WASHINGTON: RCW & WAC Updates**  
Jim Wengler, PLS & Aaron Blaisdell, PLS

8:30 am – 10:00 am **Water Rights**  
Thomas Driggs, Esq.

8:30 am – 10:00 am **LS REVIEW: Legal Descriptions**  
Aaron Smith, PLS

10:00 am – 10:30 am **Networking Break / Exhibit Hall**  
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CALIFORNIA SURVEYING  
& DRAFTING SUPPLY

10:30 am – 12:00 pm **CFedS Workshop - BLM Oregon Group 2730**  
Robert Fremling, PLS

10:30 am – 12:00 pm **NEVADA: NRS & NAC Updates**  
Michael Kidd, PLS & Matt Gingerich, PLS

10:30 am – 12:00 pm **Use of Coordinates for Boundary Evidence**  
Michael Schoder, PLS

10:30 am – 12:00 pm **LS REVIEW: Boundary**  
Ian Wilson, PLS

12:00 pm – 1:00 pm **Networking Break / Exhibit Hall**  
*Sponsored by:*

**Leica**  
Geosystems

## CFEDS CREDIT

Two (2) CFedS CE credits will be awarded to Certified CFedS attendees after successful completion of an online postworkshop quiz. Additional \$50 fee applies for CFedS Certification.

## MEET OUR EXHIBITORS

Aerotas  
AeroTech Mapping  
Allen Instruments &  
Supply  
Assurance Risk Managers  
Bad Elf  
Bernsten  
Branco Machinery  
California Surveying &  
Drafting Supply  
Carlson Software  
David Evans & Associates  
Diamondback Land  
Surveying  
Frontier Precision  
Hall & Company  
JAVAD  
Kuker-Ranken, Inc.  
Leica Geosystems  
Lumos & Associates  
Mentoring Mondays  
Monsen Engineering  
Seafloor Systems  
Tersus GNSS  
That CAD Girl  
TopoDot  
US Survey Supply  
Vectors Inc.  
Vertical Mapping  
Resources

**MORE INFO & ONLINE REGISTRATION:**

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# SEVEN STATES ONE VIRTUAL CONFERENCE

**Monday, March 29, 2021 - continued**

- 1:00 pm – 3:00 pm **CFedS Workshop - BLM Riparian Case Studies**  
Katharine Singleton & Sean Mullen, PLS
- 1:00 pm – 3:00 pm **MONTANA: State Specific Update**  
Mike Lapp, PLS
- 1:00 pm – 3:00 pm **Ethics**  
Knud Hermansen, Esq., Ph.D, PE, PLS
- 1:00 pm – 3:00 pm **LS REVIEW: Boundary (continued)**  
Ian Wilson, PLS
- 3:00 pm – 3:30 pm **Networking Break / Exhibit Hall**  
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- 
- 3:30 pm – 5:00 pm **CFedS Workshop - Not So Rectangular PLSS**  
Steve Parrish, PLS, CFedS
- 3:30 pm – 5:00 pm **ARIZONA: Minimum Standards**  
Mike Fondren, RLS; J.O. Teague, RLS;
- 3:30 pm – 5:00 pm **Session Topic TBD**  
Session Speaker TBD
- 3:30 pm – 5:00 pm **LS REVIEW: Boundary (continued)**  
Ian Wilson, PLS
- 5:00 pm – 7:00 pm **Networking Break / Exhibit Hall**

## NETWORKING BREAKS

Each break will include a 10 minute presentation(s) from our sponsors, followed by time to network and meet with our exhibitors.

### Monday 10 Minute Presentation Schedule:

- 10 AM: California Surveying & Drafting Supply  
12 PM: Leica Geosystems  
3 PM: Tersus GNSS  
5 PM: Diamondback Land Surveying, US Survey Supply,  
AssuredPartners Design Professionals, Frontier Precision

## MEET THE ASSOCIATIONS





# SEVEN STATES ONE VIRTUAL CONFERENCE

Tuesday, March 30, 2021

8:30 am – 10:00 am **NSRS Modernization: Emphasis on SPCS2022 & Deprecation of the US Survey Foot**  
Michael Dennis; Dana Caccamise; Dan Determan;  
Nic Kinsman; & Brian Shaw

8:30 am – 10:00 am **Small Business Management**  
Knud Hermansen, Esq., Ph.D, PE, PLS

8:30 am – 10:00 am **Mentoring the Next Generation**  
Michael Schoder, PLS

8:30 am – 10:00 am **LS REVIEW: Photogrammetry**  
John Adam, PLS

10:00 am – 10:30 am **Networking Break**  
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10:30 am – 12:00 pm **NSRS Modernization (continued)**  
Michael Dennis; Dana Caccamise; Dan Determan;  
Nic Kinsman; & Brian Shaw

10:30 am – 12:00 pm **Business & Professional Communications**  
Knud Hermansen, Esq., Ph.D, PE, PLS

10:30 am – 12:00 pm **NEW MEXICO: State Specific Update**  
Perry Valdez

10:30 am – 12:00 pm **LS REVIEW: California PLS Act**  
Rob McMillan, PLS

12:00 pm – 12:30 pm **Closing Ceremony**

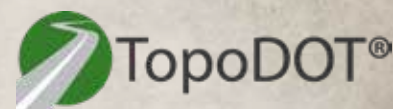
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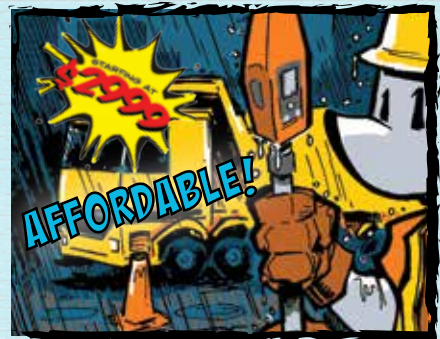


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MEMBER OF (ASPLS, APLS, CLSA, LSAW, MARLS, NALS, NMPS) \_\_\_\_\_ PLS # \_\_\_\_\_

#### MEMBER REGISTRATION

	BY MAR 10	AFTER MAR 10	AMOUNT
<b>Virtual Conference</b>	\$345	\$445	\$ _____
<b>Virtual Conference (One Day)</b>	\$175	\$275	\$ _____
<input type="checkbox"/> Saturday <input type="checkbox"/> Sunday <input type="checkbox"/> Monday <input type="checkbox"/> Tuesday			

#### NON-MEMBER REGISTRATION

	BY MAR 10	AFTER MAR 10	AMOUNT
<b>Virtual Conference</b>	\$445	\$545	\$ _____
<b>Virtual Conference (One Day)</b>	\$275	\$375	\$ _____
<input type="checkbox"/> Saturday <input type="checkbox"/> Sunday <input type="checkbox"/> Monday <input type="checkbox"/> Tuesday			

#### STUDENT REGISTRATION

	BY MAR 10	AFTER MAR 10	AMOUNT
<b>Virtual Conference</b>	\$100	\$200	\$ _____

Students must be enrolled in a survey curriculum.  
 Students must provide a current student ID.  
 Student registrants may not be licensed land surveyors.

**PHOTO/VIDEO DISCLAIMER:** By registering for, and attending this conference, you agree that your image may be taken during the conference and used at any time, without further notification, for printed materials, websites, social media and other purposes.

**PHOTOGRAPHY, RECORDING, LIVE STREAMING, & VIDEO TAPING:** Attendees/Participants may not record or broadcast audio or video of conference sessions, workshops, seminars, etc. Recordings will be made by the Conference and available to attendees on a complimentary basis until August 31st after which time they can be accessed for an additional fee.

**EXHIBITOR DISCLAIMER:** By registering for, and attending this conference, you agree that your contact information may be provided to exhibitors for a one-time use in providing you information regarding their products/services.

**CANCELLATIONS:** Cancel by March 10<sup>th</sup> to receive a full refund, less \$50 cancellation fee. Cancel after March 10<sup>th</sup>, no refund will be available but substitutions can be made. Substitutions welcome – additional fees may apply. Contact the conference office at: (888) 994-3510 for more information.

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