

# WESTERN REGIONAL SURVEY CONFERENCE 2022

## Wednesday, March 30, 2022

- 8:00 am – 9:00 am **Opening Ceremonies** (Egyptian Ballroom)
- 9:00 am – 9:30 am **Refreshment Break in Exhibit Hall**  
*Sponsored by: Tri-Core Surveying*
- 9:30 am – 11:30 am **Concurrent Sessions**  
Eminent Domain, The “Takings Clause,” & The Surveyor (Galleria D&E)  
*Kris Kline, PLS*  
Ethics and Standard of Care for Land Surveyors (Galleria B&C)  
*Steve Hiner, PE*  
NGS Update (Galleria A)  
*Brian Fisher, PLS; Jon Wooten, PLS; Sean Fernandez, PLS*  
Survey Tech: Preparing for Exams (Egyptian 1&2)  
*Robert McMillan, PLS*  
Roundtable Discussion: Threats to Licensure (Lotus 3)
- 11:30 am – 1:00 pm **Luncheon - Exhibitor Appreciation** (Egyptian Ballroom)  
*Sponsored by:*
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- 1:00 pm – 3:00 pm **Concurrent Sessions**  
Property Boundaries vs. Regulatory Authority (Galleria D&E)  
*Kris Kline, PLS*  
Business Practices for Land Surveyors (Galleria B&C)  
*Aaron Smith, PLS*  
Drone to Topo with Carlson Survey (Galleria A)  
*Luis Rojas*  
Survey Tech: Intro to Boundary Law (Egyptian 1&2)  
*Jerry Mahun, PLS*  
Roundtable Discussion: APLS & NALS Update (Lotus 3)
- 3:00 pm – 3:30 pm **Refreshment Break** (Exhibit Hall)  
*Sponsored by: Tersus GNSS*
- 3:30 pm – 5:00 pm **Concurrent Sessions**  
Property Boundaries...(Continued) (Galleria D&E)  
*Kris Kline, PLS*  
UAS: Risk Mitigation on the Job Site; The Unseen Enemy (Galleria B&C)  
*Douglas Spotted Eagle*  
Cyber Threats: How to Protect Yourself (Galleria A)  
*Laura Ledbetter*  
Survey Tech: Boundary Surveys (Egyptian 1&2)  
*Mike Hart, PLS*  
Roundtable Discussion: CLSA & UCLS Update (Lotus 3)
- 5:00 pm – 7:00 pm **Icebreaker Reception in Exhibit Hall**  
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## Thursday, March 31, 2022

- 8:00 am – 8:30 am **Refreshment Break in the Exhibit Hall**  
*Sponsored by: Redlands University GIS*
- 8:30 am – 10:00 am **Concurrent Sessions**  
Deeds & Descriptions: Do's, Don'ts, & Depends (Galleria D&E)  
*Kris Kline, PLS*  
Field to Finish in Carlson Survey (Galleria B&C)  
*Rick Ellis*  
Board of Registration Update (Galleria A)  
*Judith Stapley, AZBTR; Ric Moore, PLS, CABPELGS; Patty Mamola, PE, NVBPELS; Jim Pitkin, PLS, UTDOPL*  
Survey Tech: Legal Descriptions (Egyptian 1&2)  
*Mike Hart, PLS*  
Roundtable Discussion: Public Awareness/Outreach/YSN (Lotus 3)
- 10:00 am – 10:30 am **Refreshment Break in Exhibit Hall**  
*Sponsored by: Lumos & Associates Photogrammetry*
- 10:30 am – 12:00 pm **Concurrent Sessions**  
Deeds & Descriptions: Do's, Don'ts...(Continued) (Galleria D&E)  
*Kris Kline, PLS*  
Carlson Survey Tips & Tricks (Galleria B&C)  
*Rick Ellis*  
The Utah Reference Network (TURN) & The Northern Nevada Cooperative Real-Time Network Updates (Galleria A)  
*Sean Fernandez, PLS*  
Survey Tech: PLSS System History & Breakdown (Egyptian 1&2)  
*Dane Courville, PLS*  
Roundtable Discussion: Public Awareness/Outreach/YSN (Lotus 3)
- 12:00 pm – 1:30 pm **Luncheon with Craig Zablocki** (Egyptian Ballroom)  
*Sponsored by:*
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- 1:30 pm – 3:00 pm **Concurrent Sessions**  
Power, Water, and Sewer: Understanding Utility Easements (Galleria D&E)  
*Kris Kline, PLS*  
Field to Finish in Civil 3D (Galleria B&C)  
*Rick Ellis*  
Making Use of Drone LiDAR Data (Galleria A)  
*Logan Campbell*  
Survey Tech: Single & Double Proportioning (Egyptian 1&2)  
*Dane Courville, PLS*  
Roundtable Discussion: Workforce Development (Lotus 3)
- 3:00 pm – 3:30 pm **Refreshment Break in Exhibit Hall**  
*Sponsored by: Wood Rodgers*

## Thursday, March 31, 2022 (Continued)

- 3:30 pm – 5:00 pm **Concurrent Sessions**  
Power, Water, and Sewer... (Continued) (Galleria D&E)  
*Kris Kline, PLS*  
Civil 3D Template Creation & Data Organization (Galleria B&C)  
*Rick Ellis*  
Challenges of a Work Force Shortage (Galleria A)  
*Aaron Smith, PLS*  
Survey Tech: Horizontal Curves (Egyptian 1&2)  
*Dane Courville, PLS*  
Roundtable Discussion: Workforce Development (Lotus 3)
- 6:00 pm – 8:00 pm **Scholarship Auction Dinner** (Egyptian Ballroom)  
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## Friday, April 1, 2022

- 8:00 am – 8:30 am **Refreshment Break in the Exhibit Hall**  
*Sponsored by: Tri-Core Surveying*
- 8:30 am – 10:00 am **Concurrent Sessions**  
A New Practice Model (Galleria D&E)  
*Jeff Lucas, Esq., PLS*  
The PLS & The IRWA - How & Why We Fit Together! (Galleria B&C)  
*James Olschewski, PLS*  
Urban Turbulence: Operating UA in Urban Environments (Galleria A)  
*Douglas Spotted Eagle*  
Survey Tech: Vertical Curves (Egyptian 1&2)  
*Dane Courville, PLS*  
Roundtable Discussion: Advanced Education Panel (Lotus 3)  
National Association of County Surveyors Annual Meeting and County Surveyor Update (Egyptian 3)
- 10:00 am – 10:30 am **Refreshment Break in Exhibit Hall**  
*Sponsored by: CFA, Inc.*
- 10:30 am – 12:00 pm **Concurrent Sessions**  
A New Practice Model (Continued) (Galleria D&E)  
*Jeff Lucas, Esq., PLS*  
Terrestrial and Mobile LiDAR: Where the Rubber Meets the Road (Galleria B&C)  
*Ryan Swingley, PLS*  
Mobile Mapping Applications for Road Condition Analysis and Subsequent Milling/Paving Operations (Galleria A)  
*Justin Brooks & Mike Cook*  
Survey Tech: Best Practices for Field Work (Egyptian 1&2)  
*Jerry Mahun, PLS*  
Roundtable Discussion: Professional Practices (Lotus 3)
- 12:00 pm – 1:30 pm **Luncheon – Awards Program** (Egyptian Ballroom)  
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## Friday, April 1, 2022 (Continued)

- 1:30 pm – 3:00 pm **Concurrent Sessions**  
 Rights of Way and Prescriptive Rights (Galleria D&E)  
*Jeff Lucas, Esq., PLS*
- Processing Aerial Lidar Data (Galleria B&C)  
*Logan Campbell*
- Benefits from the New 2022 State Plane  
 Coordinate System (Galleria A)  
*Brad T. Mortensen, PE, PLS & Riley Lindsay*
- Survey Tech: Construction Surveying  
 with Slope Staking (Egyptian 1&2)  
*Robert McMillan, PLS*
- Roundtable Discussion: Licensing Requirements by State (Lotus 3)
- 3:00 pm – 3:30 pm **Refreshment Break with Exhibitors / Raffle / Exhibits Close**
- 3:30 pm – 5:00 pm **Concurrent Sessions**  
 Rights of Way and Prescriptive Rights (Continued) (Galleria D&E)  
*Jeff Lucas, Esq., PLS*
- 16,000 Acre Survey: The History, The Challenges, & The Technology  
 That Got it Done (Galleria B&C)  
*Nik Smilovsky, PhD, GISP & Will Wing, PLS*
- Innovative GNSS Positioning Methods (Galleria A)  
*Ryan Swingley, PLS*
- Survey Tech: Field Notes (Egyptian 1&2)  
*Jerry Mahun, PLS*
- Roundtable Discussion: War Stories, Interesting Surveys (Lotus 3)
- 6:00 pm **Bowling FUNdraiser (The Orleans)**

## Saturday, April 2, 2022

- 8:00 am – 8:30 am **Refreshment Break in the Exhibit Hall**
- 8:30 am – 10:00 am **Concurrent Sessions**  
 Mock Trial (Galleria D&E)  
*Jeff Lucas, PLS*
- Mapping Using GIS for Surveyors and Geospatialists  
 Hands-On (Laptop Required) (Galleria B&C)  
*Sowmya Selvarajan, PhD*
- Survey Tech: Rules of Construction (Galleria A)  
*Dane Courville PLS*
- 10:00 am – 10:30 am **Refreshment Break in Foyer**
- 10:30 am – 12:00 pm **Concurrent Sessions**  
 Mock Trial (Continued) (Galleria D&E)  
*Jeff Lucas, PLS*
- Mapping Using GIS for Surveyors and Geospatialists  
 Hands-On (Laptop Required) (Continued) (Galleria B&C)  
*Sowmya Selvarajan, PhD*
- Survey Tech: GIS for Land Surveyors (Galleria A)  
*Nik Smilovsky, PhD, GISP*
- 12:00 pm – 1:00 pm **Closing Ceremonies (Egyptian Ballroom)**

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## Western Regional Survey Conference

# MAPPING THE PATH FOR THE NEXT GENERATION

