



e-NEWS JULY 2023

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A MESSAGE FROM THE PRESIDENT



Dear CLSA Members,

Land Surveying and GIS Take the Stage at ESRI User Conference

I am thrilled to share some exciting highlights from the recent ESRI User Conference in San Diego. The event provided a platform for the convergence of Land Surveying and Geographic Information Systems (GIS), showcasing our growing importance and potential in the industry. The main Plenary Session featured a presentation on Orange County's integration of Land Surveying and GIS, shedding light on the intersection of these two fields and their synergistic relationship.

In addition to the Land Surveying and GIS presentation, the Plenary session also included insightful talks on the utilization of GIS in construction projects. Attendees were introduced to new applications in reality capture and photogrammetry, which showcased the latest advancements in data collection and visualization techniques.

Our team played an active role in the conference, delivering several engaging sessions that garnered significant attention. We presented on a range of topics, including reality capture, Parcel Fabric, and remote sensing. These sessions provided valuable insights into cutting-edge technologies and methodologies that are shaping the future of our profession.

It's worth noting that Land Surveying represents a small yet rapidly growing section of the broader Geospatial spectrum. The ESRI User Conference served as a powerful reminder of the opportunities and potential for innovation within our field. I encourage every surveyor to prioritize attending such conferences, as they offer valuable networking opportunities and a chance to observe emerging trends and industry opportunities firsthand.

For those who couldn't attend the conference or missed our presentation, it is available for you to view online. You can access our presentation titled "Orange County, CA - Local Government on the Move" [HERE](#).

I hope you find the information and insights shared at the ESRI User Conference as valuable and inspiring as we did. Stay tuned for more updates and exciting developments in the world of Land Surveying.

P.S. Our team at OC Survey will be showcasing some of our work in the next "ESRI and NSPS | Surveyors and GIS Webinar Series" on 7/27/2023. [CLICK HERE](#)

Best regards,

Kevin Hills, PLS
President, CLSA

PUBLICATIONS

The 2023 SMA, PLS Act and Roster Books are now shipping!

- [2023 Complete Package with DVD](#)
- [2023 PE Act and PLS Act with Board Rules](#)
- [2023 Subdivision Map Act & Index](#)

[CLICK HERE](#)

ARTICLE & PHOTO SUBMISSIONS FOR CALIFORNIA SURVEYOR MAGAZINE

Do you have a photo from your field work that would make a great magazine cover? Do you have an idea for an article or have you written an article that you'd like us to consider including in the next issue? Please send your submissions and ideas to CLSA Headquarters, clsa@californiasurveyors.org

NSPS - STOLEN EQUIPMENT REGISTRY

Reminder - NSPS provides a registry of stolen equipment. [CLICK HERE TO LEARN MORE](#)

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PASSING OF GRANVILLE JOHN USSERY, PLS 4901

Granville John Ussery, 78, of Evans, Georgia and husband of Bonnie Jean Ussery, passed away on June 15, 2023 at his home. He was born on October 29, 1944 in Northwich Cheshire, England, a son of the late Granville Troy and Evelyn Ussery.



In his youth, Granville attained the rank of Eagle Scout in the Boy Scouts, and went on to proudly serve his country in the United States Marine Corps. After the Marines, Granville became a land surveyor and worked for Pacific Gas & Electric Company and the County of Kern, California, for almost 40 years. He rose to the position of Kern County Surveyor. Granville enjoyed the outdoors and activities like camping, hunting, and NRA events.

[READ MORE](#)

WHERE IN CA IS THIS?



The June "Where in CA is This?" was the sculptures of Frank & Helen Bagley in the park at the Historic Plaza (Adobe Rd. & Homestead Dr.) in Twenty-Nine Palms. This time there were more winners than I expected, including Ray Freiwald, PLS, Alameda County Surveyor Ian Wilson, PLS, BPELSG Executive Officer Ric Moore, PLS, Chris Vassallo PLS, and Paul Jenkins, PLS (pictured below). I recently met Vassallo who works with Pacific Land Consultants, Inc. not 3 miles from there. Chris has been surveying in the area since the late 1990's. Jenkins is a retired Local 12 surveyor pictured here from 10 or 12 years ago when he was working with Dulin & Boynton. Paul also worked for Guida and Adams & Streeter.

The Education Foundation was established in 1993 and is committed to supporting land surveying students and programs. Last year over \$40,000 in scholarship aid was provided to land surveying students. Your monetary and surveying equipment donations are appreciated! [CLICK HERE](#) to learn more about the Education Foundation.

CLSA MEMBERSHIP RENEWAL

If you have not already renewed your CLSA membership, please do so now. And be sure to invite others to join our great organization. Your membership supports CLSA's efforts to protect, enhance and grow the land surveying profession. Members receive free monthly webinars, discounts to the annual conference and from our affinity partner organizations, as well as membership in the National Society of Professional Surveyors (NSPS) for representation and advocacy at the national level.

RENEW HERE

Future Surveyors Foundation
**2023 WOMEN
SURVEYORS SUMMIT**
Oct 19-22, 2023
Stillwater, MN



4th Women Land Surveyors Summit. The Women Surveyors Summit, hosted by Future Surveyors



Try to identify the location of this month's photo. Please tell me how you identified the location.

Submit answers to: [Rob McMillan](#).

NSPS Request for Input for the National Spatial Data Infrastructure (NSDI) Assessment Survey

As a member of the Coalition of Geospatial Organizations (COGO), which produces an assessment of the National Spatial Data Infrastructure (NSDI), National Society of Professional Surveyors (NSPS) is reaching out to surveying, mapping, and geospatial professionals and practitioners who use, develop, or manage surveying, mapping, and geospatial data, to get a better understanding of the NSDI's current status. Please review and complete the NSDI Assessment survey. You will see questions about each of the 8 NSDI framework data sets and some universal questions about the NSDI. At a minimum, please answer the universal questions. If you have knowledge about any of the framework data sets, please answer those questions as well. The survey will be open until August 1, 2023.

[NSDI Assessment Survey](#)
[NSDI Website](#)

NOAA Webinar - Welcome to the Alpha Zone: A Preview of State Plane 2022

Modernization of the National Spatial Reference System (NSRS) is becoming a reality. Scheduled for completion in 2025, NOAA's National Geodetic Survey (NGS) is releasing preliminary ("alpha") versions of NSRS modernization products and services through a dedicated NGS alpha website. First among these is the State Plane Coordinate System of 2022 (SPCS2022). This webinar provides a preview of SPCS2022 through its various alpha products, including:

- Preliminary SPCS2022 zone definitions, coordinates, and performance statistics
- NGS Coordinate Conversion and Transformation (NCAT) tool support for SPCS2022
- Downloadable distortion maps and datasets used to create them
- Interactive web maps of SPCS2022 zone and distortion

The alpha release allows software developers, state stakeholders, and other NGS partners and customers to see SPCS2022 as it evolves toward completion. It also provides an opportunity to give feedback during the final stages of development, to ensure that SPCS2022 is an optimally designed part of the modernized NSRS.

*Technical Content Rating: Intermediate - Some prior knowledge of the topic is helpful.

Foundation is held to support and promote diversity in the land surveying profession. There are 8-10 PDH's available.

For sponsorship opportunities, please contact info@futuresurveyors.org.

[LEARN MORE](#)

[NSPS July 2023 Bulletin](#)

[BPELSG - Amendments to 16 CCR 3005, 3024, 3031, 3024.5 and 3026](#)

The Office of Administrative Law approved the Board's proposed action to amend Title 16, California Code of Regulations sections 3005, 3024, and 3031, repeal Title 16, California Code of Regulations section 3026, and to adopt Title 16, California Code of Regulations section 3024.5. This action addresses examination fees, abandoned applications, postponements, and examinations. This regulatory action became effective upon filing with Secretary of State on June 29, 2023.

[READ MORE](#)

[BPELSG Official Notice and Agenda - July 2023](#)

The Official Notice and Agenda for the July 27-28, 2023 meeting of the Board for Professional Engineers, Land Surveyors, and Geologists is now available on the Board's website [HERE](#).

[BPELSG Meeting Materials July 2023](#)

The materials for the July 27-28, 2023 meeting of the Board for Professional Engineers, Land Surveyors, and Geologists are now available on the Board's website [HERE](#).

[REGISTER HERE](#)

Introduction to Middle-Mile Network

*by Michael L. Quartaroli, Licensed Land Surveyor, LS 4450
Quartaroli & Associates, Inc.*

"In July 2021, Governor Gavin Newsom signed into law Senate Bill 156 to create an open-access Middle-Mile Network to bring equitable high-speed broadband service to all Californians. SB 156 provides \$3.25 billion to build the necessary infrastructure to bring internet connectivity to homes, businesses and community institutions. The design and construction of the Middle-Mile Network is monitored by the Middle-Mile Advisory Committee (MMAC)." The California Department of Transportation (Caltrans) was selected to administer the Middle-Mile Network infrastructure contracts and construction.

A critical component of the Middle-Mile Network Project is preserving survey monuments along the high-speed broadband route from being covered, disturbed or destroyed.

California is divided into twelve Caltrans "Districts." Each District will be independently responsible for survey monument preservation (Sec. 8771 compliance) for each phase of the Middle-Mile Network within their District.

A general work schedule is outlined as follows:

1. Identify Middle-Mile Network primary route
2. Review construction plans for Sec. 8771 inclusion and compliance
3. Pre-construction monument reconnaissance
4. Pre-construction survey
5. Primary Route Construction is authorized to begin
6. Pre-construction Record of Survey or Corner Record(s)
7. Post-construction monument reconnaissance
8. Post-construction survey – reset destroyed survey monuments
9. Post-construction Record of Survey or Corner Record(s)
10. Notice of Completion filed for Primary Route

This schedule is repeated for each phase of the Middle-Mile Network infrastructure construction.

The Network will eventually span across all of California and may ultimately become the largest survey monument preservation project California has seen. This project has the potential of becoming the standard for Middle-Mile Network survey monument preservation for all States to consider. All California land surveyors should look proudly on this huge survey monument preservation project and vow to promote survey monument preservation "awareness" whenever and wherever possible.

Scams Targeting Surveyors

Be aware of scams that are targeting surveyors:

In Arizona...

Surveying firm was contacted by individual to conduct a survey. The survey was completed and after some time and a long story of health related issues, etc. a check was finally issued in an amount exceeding the invoice with a request to deposit the check and pay the "architect" with the excess.

The contact person was Duran Spencer Riley with the email duransriley@yahoo.com. The "architect" who is not really an architect was Michael O Humphreys michaelh.architectllc@gmail.com.

The fraudulent check was form MAJTAGG LLC, in California. The

SPOT SIGNS OF HEAT ILLNESS



true owner from MAJTAGG indicated that the same scam happened with his check and a survey company in Colorado.

In Washington...
Individual interviewed for a job. Got the job. Worked for one week. Stole survey equipment and vanished.

Tickets are LIVE for the 63rd Annual Geomatics Conference

The ticket website for the 63rd Annual Geomatics Conference is now officially live! To show our appreciation for your support, we are offering an EARLY BIRD special until October 1st. Don't miss out on this opportunity!

You can purchase your tickets [HERE](#).

To ensure you stay well-informed about the conference, I invite you to connect with us on our social media platforms. You can find us on:

LinkedIn: [Sage - Fresno State](#)

Instagram: [Fresno State Sage](#)

Facebook: [CSUF Sage](#)

By following us on these platforms, you will gain access to valuable information, speaker announcements, ticket sales updates, and more. We will also actively engage with our audience, providing a platform for discussions and networking opportunities.

Furthermore, I encourage you to visit our conference [website](#) for comprehensive information, speaker details, agenda updates, and other relevant resources. We have designed the website to be a one-stop destination for all your conference-related inquiries.

2023 GEOMATICS CONFERENCE

LOCATIONS
Conference: URSA Major
Building 35, Bronco Student Center
3801 W Temple Ave, Pomona, CA 91768

THURSDAY, SEPTEMBER 21
Conference: 8 AM — 5 PM
Social Hour: 6 PM — 8 PM

SAVE THE DATE!

Social: URSA Minor
Building 35, Bronco Student Center
3801 W Temple Ave, Pomona, CA 91768

IN THE NEWS...

PROVOST AND PRITCHARD'S CITIZEN GEODESIST OCCUPIES PID HR2877

Philip Melcher, a Survey and Environmental Technician at Provost and Pritchard occupied the survey monument at Glacier Point in Yosemite this week and posted about it on LinkedIn. Philip has been occupying many stations for the GPS on BMs effort, but with the occupation on Glacier Point in Yosemite, he has branched out into Public Awareness and Recruiting for the land surveying profession. Thank you Philip!

His comment from LinkedIn: "Want to get the word out about land surveying? Just set your equipment up on one of the most visited marks in the world. 4 hours of "What's this?" Going to be a long day..." Keep telling them "Yes, I get paid to do this..."



CONGRATULATIONS TO ENR's TOP RANKED CA SURVEYING AND MAPPING FIRMS

Engineering News-Record has released their list of California's Top Design Firms. The top five in our state within the Surveying and Mapping category include:

1. Psomas (\$44M); overall Psomas is #17 in CA with \$120.30M total revenue. Survey is 36% of their business.

2. Kier + Wright (\$25.33M); overall Kier + Wright is #28 in CA with \$58.39M total revenue. Survey is 43% of their business.
3. BKF (\$24.77M); overall BKF is #14 in CA with \$132.47M total revenue. Survey is 19% of their business.
4. Guida (\$22.32M); overall Guida is #64 in CA with \$22.32M total revenue. Survey is 100% of their business.
5. Mark Thomas (\$11.19M); overall Mark Thomas is #21 in CA with \$80.54M total revenue. Survey is 14% of their business.

The Psomas website shared the following sentiment about the 2023 ENR ranking: "This ranking reinforces our dedication to our two most beloved assets – our employees and clients. Psomas is deeply grateful for the diverse project opportunities that allow us to showcase expert delivery, a depth of talent, an employee-first culture, innovative technology, solutions and safety."

Ralph Guida IV, PLS, commented via LinkedIn "I want to take a moment to express my deepest gratitude and appreciation for my staff at Guida. Their dedication and relentless hard work have been the driving force behind our remarkable success in achieving this milestone. I am incredibly thankful to lead such an exceptional group of individuals. Together, we continue to grow and inspire greatness." Well said Ralph.

CSDS RECOGNIZED AT 2023 TRIMBLE DIMENSIONS CONFERENCE FOR 2022 SALES

California Surveying & Drafting Supply (CSDS) was recognized for Mobile Scanning sales at the 2023 Trimble Dimensions Conference. Michael Woodell, Vice-President of the Geospatial Division, commented on LinkedIn "I'm very proud of our Geospatial team at CSDS. We have been given the Champions award from Trimble for Mobile Scanning sales. Thank you to all our Geospatial Account Mangers for putting in the hard work to accomplish this. CSDS looks forward to continued success in the Mobile Mapping Industry. Please reach out to us if your organization would like to see our Mobile Mapping Portfolio"



63rd ANNUAL FRESNO STATE GEMOATICS ENGINEERING CONFERENCE DATES SET

The conference will be held January 25th and 26th, 2024. The ticket website for the 63rd Annual Geomatics Conference is officially live! To show our appreciation for your support we are offering an Early Bird Special until October 1st, 2023. Do not miss out on this opportunity!

[**PURCHASE TICKETS**](#)

FINE MAGAZINE ARTICLE ON HOW TO FIND A RELIABLE LAND SURVEYING COMPANY

When it comes to land-related projects, whether it's construction, property development, or legal matters, the accuracy and reliability of land surveys are of utmost importance. A reliable land surveying company can provide accurate measurements, precise boundary information, and essential data for decision-making. In this guide, we will explore the key steps to finding a reliable land surveying company that you can trust for your specific needs.

[**READ MORE**](#)

OREGON TECH WINS TOP 2023 NCEES SURVEYING EDUCATION AWARD

Oregon Institute of Technology's Geomatics program has received a 2023 National Council of Examiners for Engineering and Surveying (NCEES) Surveying Education Award. The award is a measure of a program's success in inspiring its graduates to achieve their highest educational and professional aspirations.

Professor and Chair of the Department of Geomatics Jack Walker shared, "To address the critical national shortage of licensed surveyors, this award program is intended to strengthen programs which best prepare graduates for licensure. This is the seventh year of the award program, and we are one of two programs ([Guess the other program!](#)) that have received an award each year."

[**READ MORE**](#)

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[READ MORE](#)



KIER + WRIGHT #75 - SF BUSINESS TIMES LARGEST BAY AREA PRIVATE COMPANIES LIST

Kier + Wright has officially placed #75 on the San Francisco Business Times Largest Bay Area Private Companies list, as measured by 2022 revenue. This list includes private companies headquartered in the Bay Area, which is defined as Alameda, Contra Costa, Marin, San Francisco, and San Mateo counties.

As K+W continues to grow, we appreciate this recognition and the chance to highlight our commitment to collaboration, problem-solving, and responsiveness.

Thank you to our clients and hardworking staff who have made our company thrive this past year.

[READ MORE](#)

BRANDON BENTON PROMOTED TO SURVEY DIVISION MANAGER AT MARK THOMAS

Mark Thomas is excited to announce the promotion of Brandon Benton to Survey Division Manager. Brandon has been with Mark Thomas since 2007. He leads surveying crews and teams to deliver all phases of survey in support of transportation, bridge, and pipeline design and construction.

In his new role as Division Manager, Brandon will continue to help lead our surveying team, solidifying our reputation as the preferred choice for survey services by existing and potential clients. Please join us in congratulating Brandon!



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