



# LAE I LAE POINT TO POINT

Lae I Lae, a newsletter from the **Hawaii Land Surveyors Association**, an affiliate and a member with the National Society of Professional Surveyors

EMAIL: [hlsa-hawaii@outlook.com](mailto:hlsa-hawaii@outlook.com) WEBSITE: [www.hlsahawaii.org](http://www.hlsahawaii.org)

COMPRISED OF APPROXIMATELY  
70% OF THE LICENSED LAND  
SURVEYORS IN HAWAII OUR  
OBJECTIVE IS TO BRING TOGETHER  
THE LAND SURVEYING  
COMMUNITY THROUGH EDUCATION  
AND TO PROVIDE NETWORKING  
OPPORTUNITIES AND BUSINESS  
RESOURCES.

Kalaupapa Harbor, Island of Mōlokaʻi  
Photo By: Cliff Yim, PLS (HI)

# 2023 PACIFIC RIM GEOSPATIAL CONFERENCE

**HLSA :: ASPLS :: HIGICC**

IN-PERSON AND VIRTUAL CONFERENCE  
2023 PACIFIC RIM GEOSPATIAL CONFERENCE  
March 16th (Thursday) & 17th (Friday)  
Ala Moana Hotel, Honolulu Hawaii



PACIFIC RIM GEOSPATIAL CONFERENCE REGISTRATION:  
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FOR CONFERENCE SCHEDULE AND SPEAKERS



# PRESIDENT'S MESSAGE

BY: VICTOR RASGADO, LPLS

## PRESIDENT OF HAWAII LAND SURVEYORS ASSOCIATION - HLSA

Aloha HLSA members and supporters, on behalf of the HLSA Board of Directors, I wish you a prosperous and very Happy New Year. Mahalo for your continued support and membership.

There is much the HLSA board has been working on for the benefit and betterment of our survey community and I'm truly grateful and genuinely appreciative of all the board has done to close out the 2022 year.

The board has started the 2023 year by introducing the next legislative session a new Right of Entry bill that will give surveyors protections and permissions (with proper prior notification) to enter neighboring properties during a boundary survey without the threat of trespass. Many thanks to Meyer Cummins and Joanne Williamson for taking the lead on this important legislation!

HLSA has also updated our website that offers us the opportunity to update information on the fly, email information and poll our members for upcoming events and or feedback, membership signup, and provides access to educational videos and presentations for members only. Please check out the new interface of our website using the same link as before: [HLSA website](#) Thank you Alika Garo and Christina Villa for overseeing the website update!

In addition, the HLSA board along with the Alaska Society of Professional Land Surveyors (ASPLS) and the Hawaii Geographic Information Coordinating Council (HIGICC) has now moved to create breakout committees to ensure all our members have the best "in person" and "virtual" experience we can conjure for the upcoming [2023 Pacific Rim Geospatial Conference](#), taking place at the Ala Moana Hotel in Honolulu, Hawaii on March 16th and 17th, 2023!

### **2023 Pacific Rim Geospatial Conference Registration**

Our website and [registration information](#) are now up and running and the Early Bird rates are in effect until the end of January. Please use the following link to lock in your spots [Register Now!](#)

For our HLSA members there is additional savings available if you are a current member. Please go to our new website and signup to be a member! [HLSA website](#)

If you have an interesting GIS, Geomatics or Land Survey project, story, or poster and are interested in sharing your experiences with our conference attendees please use the following link to submit your abstract and type of presentation: [Speaker signup](#)



# PRESIDENT'S MESSAGE CONTINUATION

BY: VICTOR RASGADO, LPLS

PRESIDENT OF HAWAII LAND SURVEYORS ASSOCIATION - HLSA

## **Vendor & Sponsor Signup**

Vendor and Sponsors are a big reason for our past conference success and the Joint Conference Committee truly appreciate your continued participation and donations.

If your company or organization is interested in having an in person booth or virtual presence at the Geospatial Conference we have several options for your participation, please use the following link to review our exhibitor options for the conference: [Vendor/Sponsor signup](#)

## **Hotel Accommodations**

For our outer island and out of state participants the Joint Conference Committee has secured a bank of 15 rooms available for our attendees. The Special Room rates at the Ala Moana Hotel are reserved for attendees and vendors who have registered for the Geospatial Conference and the rates will be available two days before and after the conference and will be available on a first come basis, so don't wait to register and reserve your room today. To reserve your room please contact HLSA our website [here](#).

## **Installation Banquet**

HLSA is excited to announce the return of our in-person Installation Banquet on Thursday March 16, 2023! We are hoping you, our members and guests will join us for an evening of community celebration and comradeship. The board of directors has put together a banquet committee and they are already busy planning and organizing this important and historical event for our organization. Details to be determined: [2023 Installation Banquet](#)

## **Call for HLSA Officers and Board of Directors**

One of the most important events at the Installation Banquet is the appointment of our HLSA officers. If you are interested in being an officer or board of director member, please reach out to any of our current directors and let us know of your interest to serve and or volunteer.

As I come to the end of my year as President for the Hawaii Land Surveyors Association, I can't express my gratitude and appreciation enough for all the support and Aloha I received from our geospatial and survey community, as well as the HLSA board members. I'm truly humbled and in awe of the professionalism and care the Board of Directors takes every day and the time they take to volunteer to ensure our Land Survey profession continues to thrive in the present and into the future and our legacy in the Geospatial profession is celebrated.

With much appreciation and respect.

Victor M. Rasgado, LPLS

President, Hawaii Land Surveyors Association Board of Directors



# EMPLOYMENT OPPORTUNITIES



HAWAII ENGINEERING GROUP, INC.

Hawaii Engineering Group, Inc. is a full-service civil, structural and electrical consulting engineering and land surveying firm that specializes in commercial, industrial and residential projects. With over 25 years of experience in the industry, we recognize that we are only as successful as the people we employ.

## **SURVEY PARTY CHIEF (HONOLULU):**

HAWAII ENGINEERING GROUP, INC. IS LOOKING FOR A SURVEY PARTY CHIEF FOR A LONG-TERM FULL-TIME POSITION.

- PERSON MUST BE DEPENDABLE, HAVE A DRIVER'S LICENSE, BE A U.S. CITIZEN, HAVE NO FELONY CONVICTIONS AND BE ABLE TO TRAVEL.
- EXPERIENCE MUST INCLUDE 5 YEARS FIELD WORK EXPERIENCE IN ALTA, TOPOGRAPHIC, BOUNDARY AND CONSTRUCTION SURVEYS. AUTOCAD AND TDS DATA COLLECTOR EXPERIENCE A PLUS. MUST HAVE EXPERIENCE AS A PARTY CHIEF.
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# EMPLOYMENT OPPORTUNITIES



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ParEn, Inc. dba Park Engineering is an employee-owned, small business enterprise providing civil engineering and surveying services to clients throughout the State of Hawaii. As one of the leading engineering and surveying firms in Hawaii, Park Engineering has played an important role in the development and growth of our island community for the past 70 years.

## Land Surveying Field Technician: Rodman (Full-Time)

The Survey Rodman will be responsible for assisting the Party Chief in the performance of field work on all types of surveying projects.

### General Responsibilities:

- Transporting and setting up equipment and instruments necessary for the survey.
- Preparing the job site for a survey, such as, clearing out the areas of vegetation or debris.
- Holding the prism staff and using of all tools necessary to complete the survey.
- Keep the company vehicle, tools and equipment clean and orderly.
- Inform the Party Chief or management of any safety concerns.
- Comply with all safety requirements.
- Able to take instructions from the Party Chief and work with others.

### Requirements:

- High School Diploma or GED preferred.
- Maintain a valid driver's license.
- Work in various work environments.
- Able to lift up to 50-lbs.
- Knowledge with basic mathematics and reading numerals.

Advancement opportunities are available.

Email Resume: [wteruya@pareninc.com](mailto:wteruya@pareninc.com)



# EMPLOYMENT OPPORTUNITIES



## **WES THOMAS ASSOCIATES**

*-Land Surveyors-*

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[surveys@wtahawaii.com](mailto:surveys@wtahawaii.com) - [www.wtahawaii.com](http://www.wtahawaii.com)

*Wes Thomas Associates has been surveying in Hawai'i since 1975. This has allowed us the luxury of dedicating our staff, equipment, and facilities to this single specialized profession.*

*Our office is conveniently located in Kailua-Kona on the Big Island of Hawai'i and is managed by our President and Chief Surveyor, Chrystal Thomas Yamasaki, LPLS. Our staff has an aggregate experience of over 100 years of providing professional land surveying services in Hawai'i. Surveying is the primary focus of the firm, and we have completed thousands of individual survey projects since our inception.*

### **POSITION AVAILABLE: SURVEY PROJECT MANAGER (KONA, BIG ISLAND)**

#### Position Summary:

- Full-time position available for experienced survey project manager.
- You will be working closely with land surveyors, other project managers and CAD personnel.
- Expectations include: acquisition of field data, analysis of research and field data, preparation of project computations for use by CAD personnel and ultimately delivery of a final product for the client.
- Pay will depend on level of experience, certifications and licenses, if any.
- Our firm offers Medical, Dental and Paid Vacation and Sick Leave (at anniversary date)
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## podcasts for the surveying profession



Please check out Mentoring Mondays for informational presentations to help build our knowledge in this profession.

[WWW.MENTORINGMONDAYS.XYZ](http://WWW.MENTORINGMONDAYS.XYZ)



## surveyor says THE NSPS PODCAST

Want to hear from the movers and shakers of the surveying profession? Each week, NSPS brings you conversations with the trendsetters and difference-makers that are helping to shape the world of surveying. Your hosts, NSPS Executive Director Curt Sumner and NSPS President-Elect Tim Burch sit down with various personalities to discuss all things surveying, all bundled in a 30-minute conversation.

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[HTTPS://SURVEYORSAYS.PODBEAN.COM/](https://surveyorsays.podbean.com/)



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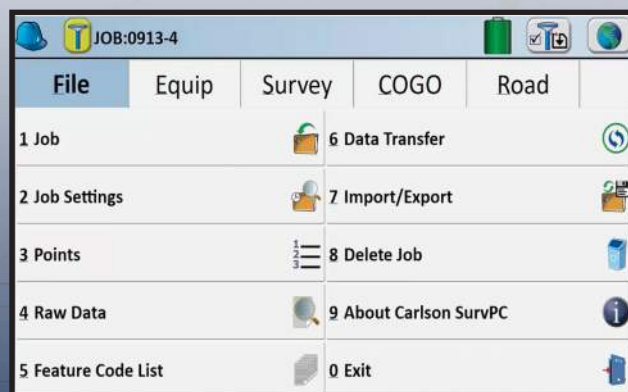
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# Technology

## What is it?

Highly accurate method of capturing intimate details of existing buildings, construction sites, or water ways.

## How does it work?

Uses laser light and advanced scanners to create 3D points.

## What can it do?

It can document dimensions and measurements of large and small scale projects with accuracy of 2-4mm.

## Want to learn more?

Scan the QR code below for 4 reasons why 3D modeling and BIM are the future of infrastructure design.



# Design with **community** in mind

We're active members of the communities we serve. That's why at Stantec, we always design with community in mind.

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[brett.etheredge@stantec.com](mailto:brett.etheredge@stantec.com)

UAS remote pilot certified (Part 107)

# High Definition Laserscanning

## *Exploring the World in Three Dimensions*

Laser scanning lets us measure and collect data from small objects to large landscapes using point cloud data.

Accurate real time data can help drive your decision making, expedite projects, reduce site visits, and prevent rework.



## Capabilities

Using time-of-flight and phase-based laser scanning instruments, we provide public and private sector clients with a variety of 3DLS services. We use terrestrial laser scanning techniques to provide a total solution of 3D-mapped interior and exterior as-built environments. 3DLS collects millions of 3D points that are analyzed and processed to create highly accurate and visually engaging products.

Utilizing specialized software, we process the 3DLS data and create deliverables that are compatible with a variety of design and analysis programs. Our modeling teams have developed workflow systems to provide a practical interface solution—merging 3DLS point cloud data into industry standard drafting, modeling, and Building Information Modeling (BIM) programs.

## Benefits

3DLS offers many benefits, including accurately gathering more data in less time than traditional surveying techniques, added safety, and reduced facility downtime.

### Other benefits include:

- **Flexibility.** Systems can be mounted to vehicles to cover vast landscapes, roads, or rail systems quickly.
- **Safety.** Laser scanning allows the machine to collect the information rather than putting teams of in tight spots.
- **Site Sensitive.** Drone mounted 3D scanning supports access to historic sites, preserves history, and supports national defense.
- **Reduced Time.** Just in time data eliminates the need to schedule crews weeks in advance and saves data calibration and consolidate time.
- **Accuracy.** As-built data is readily available for future modifications and improvements.

## Applications

### Clients are moving to BIM modeling for accuracy

We employ 3DLS on projects that require high definition and precision using rapid data collection techniques. Examples include as-builts, roadways, bridges, airports, historical buildings, forensics, power generation, environmental, industrial inventories, and more.





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