

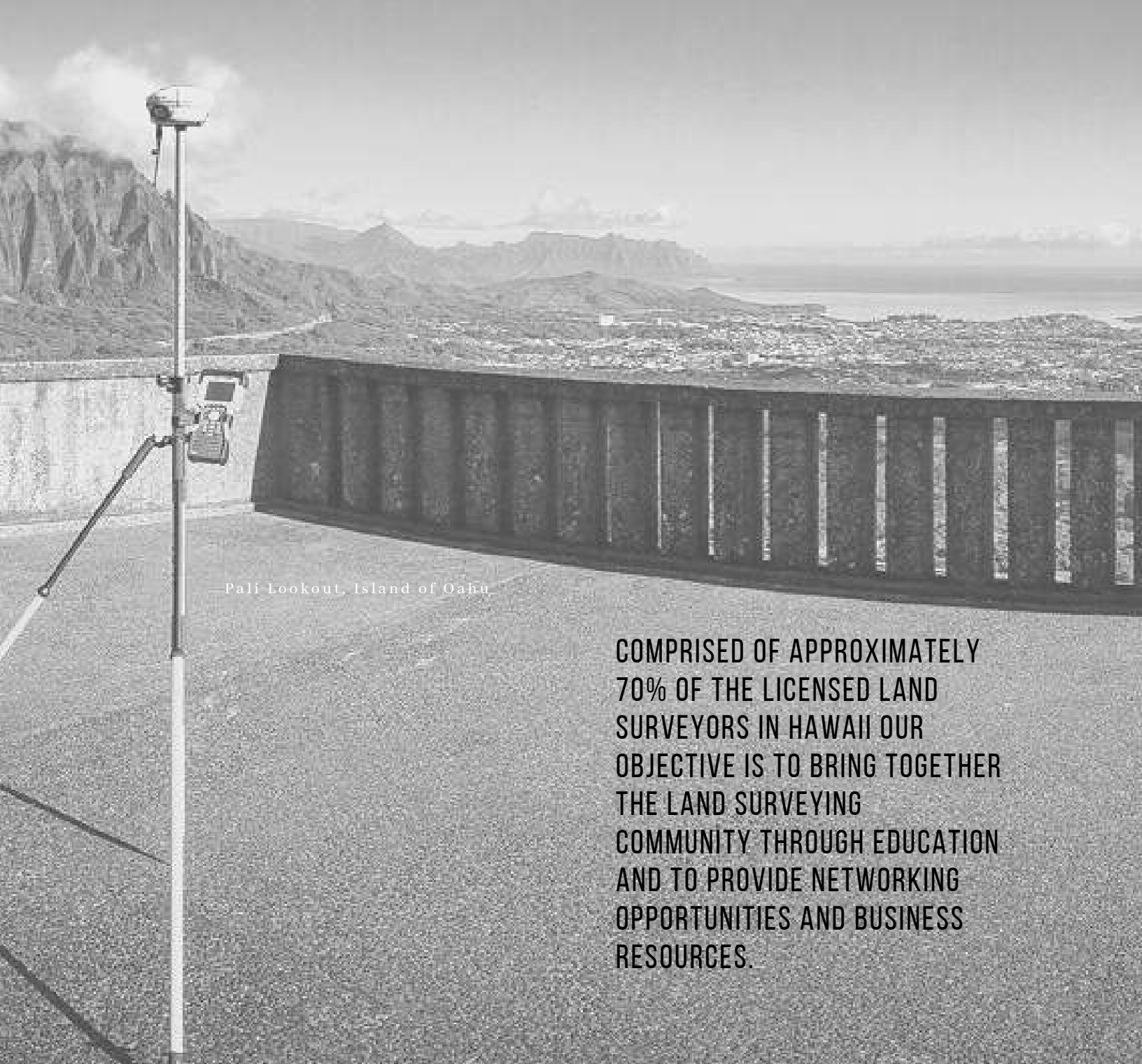


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POINT TO POINT

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 WEBSITE: www.hlsahawaii.org



Pali Lookout, Island of Oahu

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.



PRESIDENT'S MESSAGE

BY CHRISTINA VILLA

Aloha HLSA members!

Now is the time to focus on your well-being. Our COVID+ cases have been surging through the past few weeks, especially with the stronger Delta Variant spreading quickly. Making small changes to increase your immunity can make a big impact, such as adding more fruits and vegetables to your meals, getting fresh air when you can, and getting adequate sleep. Hospitals are almost or at max capacity and understaffed. Vaccines help your immune system fight off infections before they overtake your body. If you want to get vaccinated, it's not too late and it's free, please visit <https://hawaii-covid19.com/vaccine/> for more information and vaccination sites. They also provide in-home vaccination if you schedule an appointment. If you are not vaccinated, please keep using masks and practice social distancing as the Delta Variant is highly transmissible and is blamed for the record surge in infections. Pay attention to what's happening around you, mask up properly and reconsider attending large indoor and crowded outdoor events. We all know by now that COVID spares no one and has adapted well despite our efforts against it. Think about protecting those you care about, your loved ones, your parents, siblings, kupunas and keikis.

*thank
you*

A huge **mahalo nui loa** to Mr. Ed Carlson from NOAA's National Geodetic Survey for hosting the "Working the GPS Heights in Hawaii" workshop on July 22. We all wished there was more time! The hour was well packed with information and we hope to have Ed Carlson back for another workshop in the future. Another huge **mahalo** to Mr. Meyer Cummins, PLS for hosting the "Basics of Research" workshop on August 7. We had many attendees outside of the land surveying profession, it was great to see that our workshops are helping others broaden their knowledge. Meyer was chock full of information, and he is willing to share it with our members who may have missed the presentation. If you have any questions on the past workshops please feel free to email us.

We have four more months left in 2021 and would like to close the year out strong for our members. An important topic that the State of Hawaii DAGS - Land Survey Division would like to share with our members and non-members is the amended Land Court Deregistration process. Meyer Cummins, PLS with the Land Survey Division would like to go over recent amendments to Deregistration and help you understand the new map and description requirement. Once we have finalized the workshop details, we will notify members and non-members in our contact list. If you are involved in the deregistration process, it will be beneficial for you to attend and provide you with an opportunity to ask questions.

<http://www.hlsahawaii.org/events/>



PRESIDENT'S MESSAGE

BY CHRISTINA VILLA

Additionally, we are working with Title Guaranty Hawaii to plan out the next virtual workshop. The details of the workshop will shortly be made available, but I can already assure you that this presentation will be great for land surveying, title and real estate professionals. Please visit our website in the next couple of weeks for the schedule of workshops and registration.

With record high infections of COVID in Hawaii impacting large gatherings, the board has decided it would be best to not host our annual dinner this year. It was a difficult decision because it has been a while since we have been able to gather our members and non-members, but it is too risky. The board has also decided on preparing a virtual conference for 2022. We are in the beginning stages and brainstorming, but we are determined to hold an event for our members. If you have any information on virtual conferences or have attended some in the past, please feel free to email us with information and advice. If you would like to be a part of the virtual conference as a presenter or vendor, please email us at hlsa-hawaii@outlook.com.

Future legislative actions have been on our agenda each month. With the passing of H.B. 244 on Land Recordation, your board is looking at potential bills we would like to present in the future. Some that are on our list are: Right of Entry Law in favor of Land Surveyors; Statute of Limitations (from substantial completion of performance); and increasing punitive measures for unlicensed boundary work. We are evaluating the options and will tackle them in order of priority. As we all know, working on legislative actions take a lot of time, effort, and money. We will get professional consultation before we tackle one of these head on. We will keep you updated.

Lastly, a topic that came up this year was a CAD Release Policy from the State of Hawaii. We have reached out to the State of Hawaii DAGS - Public Works Division with this concern. They are currently having an internal review of a draft. Once the draft policy is finalized and made to the public, we will do our best to get that information out to our members.

As always, if you have any recommendations on workshops or if you are interested in sharing your knowledge in surveying with the members, feel free to contact us.

Sincerely,

Christina Villa

2021 HLSA President

Stay vigilant in your health and happiness



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.

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PODCAST



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

WWW.MENTORINGMONDAYS.XYZ

Members have spoken and we are listening! To fill the void left by the ending this past July of the NSPS Radio Hour, the weekly radio show hosted by Executive Director Curt Sumner, we are proud to announce our new podcast, **"SURVEYOR SAYS!"** featuring all things surveying.

SURVEYOR SAYS!



NSPS

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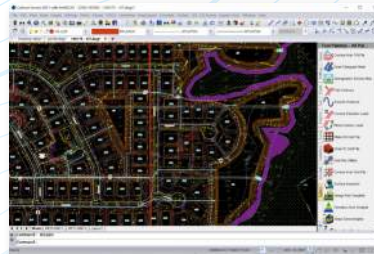
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Technology

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.

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

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The Stantec community unites approximately 22,000 employees working in more than 350 locations across six continents. Our work—from initial project concept and planning through design, construction, and commissioning—begins at the intersection of community, creativity, and client relationships. With long-term commitment to the people and places we serve, Stantec has the unique ability to connect to projects on a personal level and advance the quality of life in communities across the globe.

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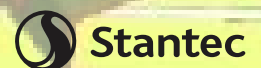
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Exploring the World in Three Dimensions

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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