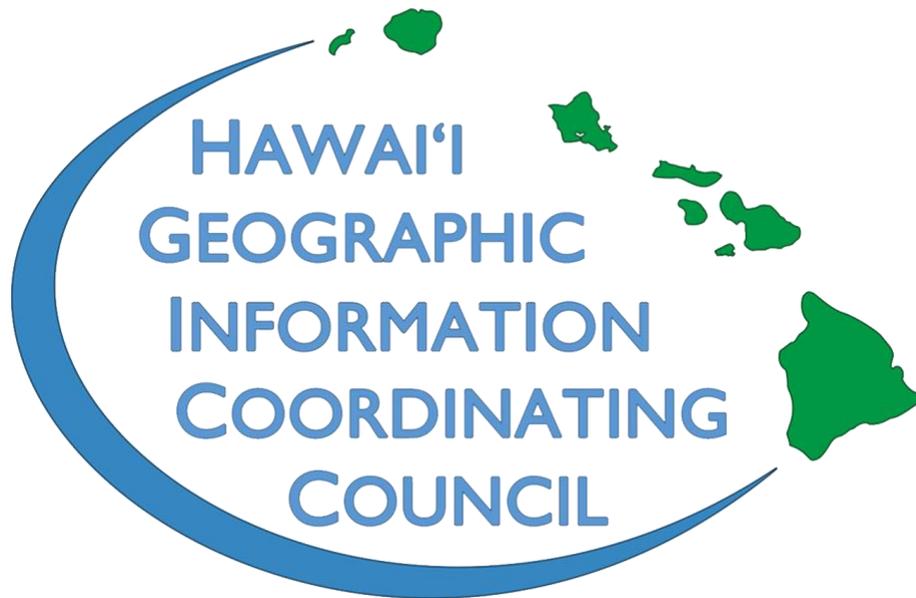


# HIGICC November 2019 Newsletter



**NEWSLETTER / November 2019**

## **GIS DAY ANNOUNCEMENT and Call for Volunteers**

HIGICC and Women in Technology STEMWorks are proud to present GIS Day at the University of Hawaii at Manoa! Activities will be held at the Campus Center on 18 Nov 2019 from 8:00 AM - 12:00 PM, click here to [volunteer](#).

## **Annual Meeting and Social**

HIGICC held a well-attended annual meeting last October. Events held and participated in the past year were reviewed and the results of the survey discussed. The winner of the survey drawing for a \$25 Amazon gift card was Audrey Haerle. Mahalo to everyone who took the time

to participate in the survey, we have already begun to take action on suggestions made by the community. The recipient of this year's President's Award is Mr. Meyer Cummins. Mr. Cummins is a licensed land surveyor and is very active in the survey & geospatial community serving as the President of the Hawaii Land Surveyors Association. He was a key planner for the joint HLSA-HIGICC Conference held this year and we will continue to partner with him and HLSA in the future. We have found Mr. Cummins to be enthusiastic, thoughtful, and a huge asset to the conference planning team. After the Annual Meeting, members met at Square Barrels to enjoy networking opportunities, libations and light pupus.



## [Changes a-foot at NGS](#)

The National Institute of Standards and Technology's (NIST) Office of Weights and Measures and NOAA's National Geodetic Survey (NGS) have co-issued a [Federal Register Notice \(FRN\) to retire the U.S. Survey Foot After 2022](#).

We are soliciting public comment to ensure that this change is made in an orderly fashion with minimal disruption.

### Important Dates:

- October 17, 2019 - First FRN Published inviting public comment on deprecation of the U.S. survey foot after 2022.
- December 2, 2019 - Comment period deadline. Submit all comments electronically by this date.
- June 30, 2020 - Final Rule - A second FRN will formally announce the change will be published before this date and will describe the details and the change process.
- December 31, 2022 - The U.S. survey foot will be deemed obsolete and superseded by the foot (formerly known as the international foot) equal to 0.3048 meter exactly for all applications.

### Submitting Comments:

NIST and NOAA are managing the submission and posting of public comments online. Use the “Submit a Formal Comment” link near the top right of the [Federal Register webpage](#). You can also search for the FRN at <https://www.regulations.gov/>.

## Background



*Surveyor's Chain (1/2 Gunter)  
National Museum of American History*

The definition of the foot was updated in 1959 in the United States, but a previous definition of the foot is still in use and has caused confusion over time. The legally defined “international foot” and the older “U.S. survey foot” differ by only 0.01 foot per mile.

However, having both definitions in use often has resulted in confusion in surveying and mapping where computing accurate coordinates over large distances are commonly required. Retiring the U.S. survey foot will eliminate this confusion, and after 2022 the international foot will simply be called the foot. [Read more on the NIST website.](#)

The modernization of the National Spatial Reference System (NSRS) in 2022 is the perfect time to move the United States toward a single, uniform definition of the foot. Both NOAA and

NIST have decided to deprecate the US foot through two co-issued Federal Register Notices, and by conducting public outreach.

## Learn More

- Register for our December 12, 2019 webinar titled, ["Putting the Best "Foot" Forward: Ending the Era of the U.S. Survey Foot."](#)



## [HIGICC Website Updates](#)

According to our members, it is odd that a geospatial organization does not have one map on its website. We completely agree! Our website now has a Map Gallery that is built to feature our member's products, this page is only available for community, individual, student, and organizational members. Want to share a map on our website for all to see? Please send your map in jpg file format and don't forget to add a title and author. We will continue to improve this page to accept the Esri StoryMap format. In addition, an interactive membership directory map (under Home > About Us) includes of all our members who have their office's location data entered into their profile. This data is not dynamically updated (yet), but please feel free to update your member profile to include the information for the next update. We don't want to use your home address, but please enter your zip code to be added in the general area. The interactive membership directory is only available for paid members as a thank you for continued support. Lastly, the HIGICC Newsletters will be available in pdf format under the Archive page. Take some time to explore these changes and we welcome your comments and suggestions at [higicc@higicc.org](mailto:higicc@higicc.org).

## **UAS workshop; Kailua RC Field December 11, 9:30 - Noon**

Dudek is glad to announce an UAS workshop. We will be hosting the event on Wednesday December 11th from 9:30 to Noon at the Kailua RC field. The event will show several different UAS vehicles and a few different sensors. We will be going over use cases for each, and how to get the best results for quality data and products. NOAA is joining the event to highlight Coral Reef and marine use cases. There will be a tent, but be prepared for outdoors

conditions. Please register for this event so we can get a count on lunch. Lunch will be provided.

<https://www.higicc.org/event-3613997>

Due to the nature of this outside event, in case of heavy weather, the event will be rescheduled.

Due to the nature of this outside event, in case of heavy weather, the event will be rescheduled. Be sure to look for updates on the HIGICC event page regarding weather conditions.

## [Esri Honolulu Satellite Office Hub](#)

Connecting with a place and with a community is ingrained in our DNA. It provides us with an identity and a sense of being part of something bigger than ourselves. We've learned over the years that geography matters, not just in the application of GIS, but in our ability to establish trusting relationships with our users.

We want to build Esri's identity within the US Pacific Islands area by creating a digital hub that can be an authoritative source of information delivered in a way that is impactful. Esri Honolulu is devoted to sharing the benefits and functionality of ArcGIS with the US Pacific Islands region. We are using [ArcGIS Hub](#) as a two-way engagement platform to connect with the community, to keep our users informed of the latest releases and exciting new apps, and to inspire our users to build a better future using ArcGIS and the [Esri Geospatial Cloud](#). I encourage you to explore and follow [Esri Honolulu Satellite Office Hub](#) and join our community!

## **Job Announcements**

Find links to current job announcements below.

[Here](#)

[GIS Technician @ Cultural Surveys Hawaii](#)

[GIS Specialist & GIS Specialist IT Lead-Schofield Barracks, HI](#)

[Job Opening - Hawaii Statewide GIS Program](#)

## Sponsors

Mahalo to our sponsors. For sponsorship info [click here](#).

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