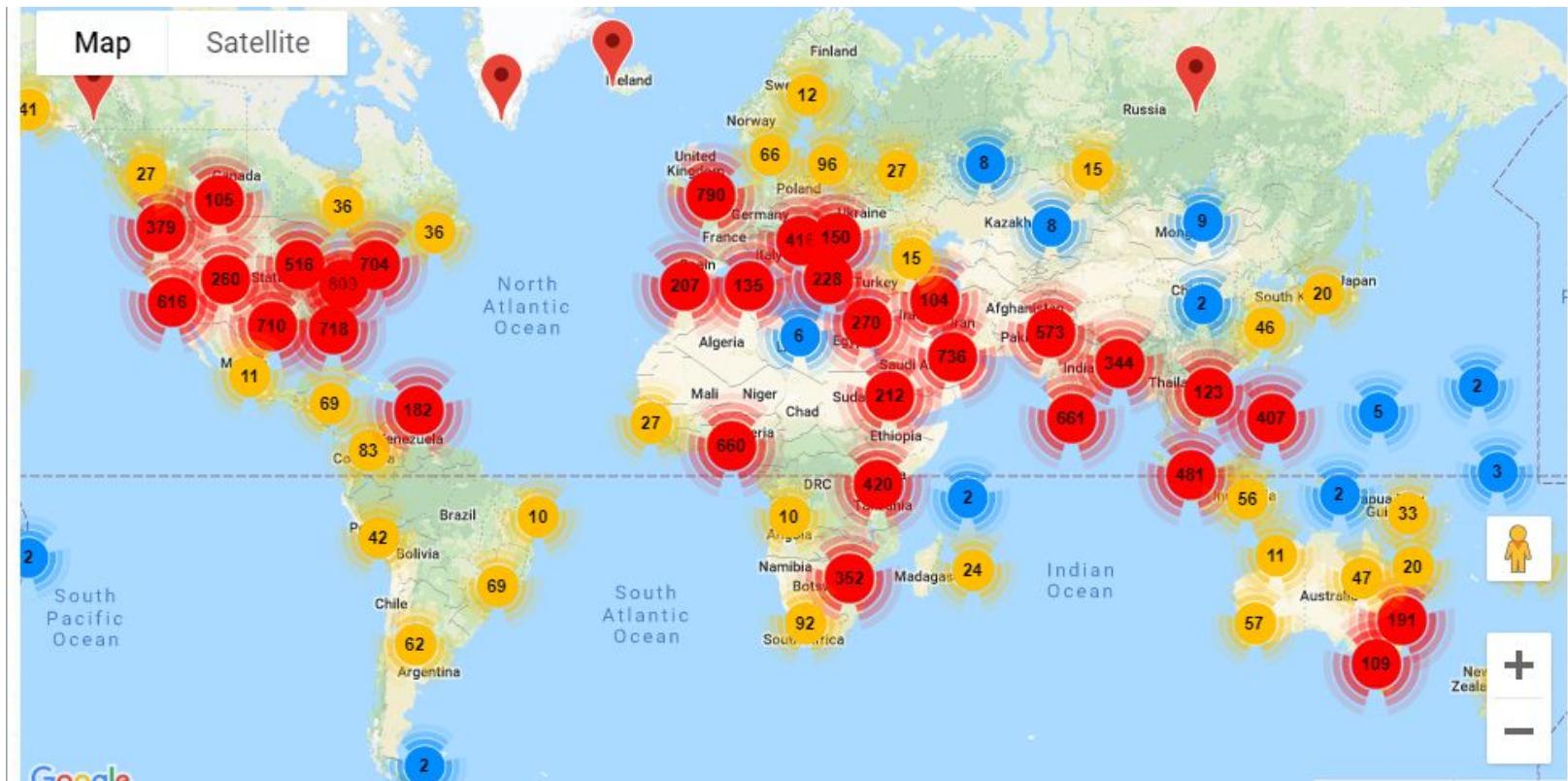




# Best of 2018

Helpful Resources, Tools and Discussions from the Community

Land Surveyors United Community 2018



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[Surveying Photos](#) | [Surveying Videos](#) | [Discussions](#) | [Stories](#) | [Surveyor Hubs](#)



*Land Surveyors United Community*

---

This digest curated by [jbirds.co](http://jbirds.co)



**More Phone Calls**

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Lease a Website which Brings You  
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## Tracking the year's most popular discussions and posts from 2018

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## Tools Every Surveyor Should Have in 2019 submitted by surveyors in the community

 Land Surveyors United   
about a week ago 

Help us compile the most important list of items #surveyors should have with them in the field for the 2019 Surveyor's Toolbox #2019toolbox  
<https://landsurveyorsunited.com/.../working-towards-2019-surv...>



What do you **ALWAYS** keep in Your Truck?

Add to the Master List for the 2019 Surveyors Toolbox Must Haves

LANDSURVEYORSUNITED.COM  
**Contribute Towards 2019 Surveyor's Toolbox Publication**  
What to have in the work truck- we need your feedback! This is a globally ...

125 22 16



Tutorials for Land Surveyors  
Latest Surveying Software Tutorials

Latest Surveying Software Tutorials

+



#### Land Surveyors United

Facebook Group · 34,225 members

 Visit Group

 You have 72 friends in the group

## Current Online Tools to Make Your Land Surveying Company Better for 2019

During the course of 2018, we have added quite a few new tools & mini communities for you to utilize for making your Land Surveying Company better for the coming year. All you have to do is use them.

Our goal is to help you dramatically and dynamically improve your company for the new year!

---

For Finding Talent - The International Surveying Jobs Board



We have REVERSED the Jobs Board Model!

10,600+ Land Surveyor Jobs Currently Available on the Jobs Board!

<http://jobs.landsurveyorsunited.org/>

Get headhunted!

If you believe that job hunting is done the wrong way round, sign yourself up to the site to be listed among those others who are also looking to be headhunted.

#### Find Jobs In:

[Africa Survey Jobs](#)

[USA Survey Jobs](#)

[Oceania Survey Jobs](#)

[N. America Survey Jobs](#)

[S. America Survey Jobs](#)

[Asia Survey Jobs](#)

[Europe Survey Jobs](#)

[I Need a Surveying Job](#)

[India Surveying Jobs](#)

[Local hubs for Surveyors](#)

[Job Search Tips](#)

[Middle East Survey Jobs](#)

[3D Laser Scanning Jobs](#)

[Digest of Available Land Surveying Jobs Worldwide Dec. 2018](#)

---

For finding Deals on Surveying Equipment or Posting Your Old Equipment



Be the first to get hot land surveying equipment items as they hit ebay, craigslist or Amazon. Follow this page to catch amazing deals on both pre-owned and new surveying equipment and tools! Join the [Survey Equipment Hunter Community](#) and share your own surveying items for sale! You can also [subscribe to updates by email here](#).

**There are currently over 1700+ Equipment Items listed and the site is updated every 2 hours!**

---

For Listing Your Company Website for Better Search Engine Rankings

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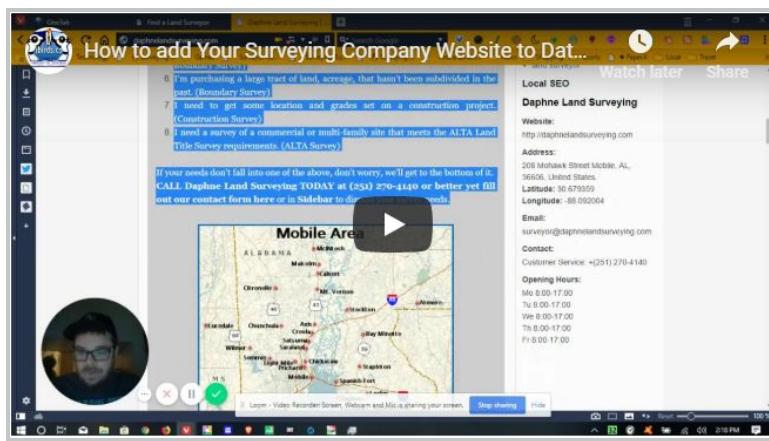
The screenshot shows the homepage of [nearme.landsurveyorsunited.org](http://nearme.landsurveyorsunited.org). The top navigation bar includes links for Home, Land Surveyors RSS, Bookmarklet, Invite, Contact us, a search bar, and an email link. On the left, there's a sidebar with categories like USA Surveyors, Africa Surveyors, Asia Surveyors, S. America Surveyors, European Surveyors, and Oceania Surveyors. The main content area displays a grid of surveying company profiles. One profile for "3D Laser Scanning & Mapping Network" is highlighted, showing its website ([3dlaserscanning.net](http://3dlaserscanning.net)) and a brief description of their services. To the right, there are sections for Popular Tags (Alabama, AL, Tennessee, TX), Land Surveyor Community, Land Surveyor Jobs, Survey Equipment Hunter, and a Donate to Community section listing various US states.

Do you want to show up higher in search when people google "Land Surveyors Near Me" We've enlisted the help of [jbirds.co web services for Land Surveyors](#) to help us build a one of a kind tool to help land surveying company rank higher in local search!

Visit <http://nearme.landsurveyorsunited.org> and Add your surveying company website today! The more information you include the better your rankings will be.

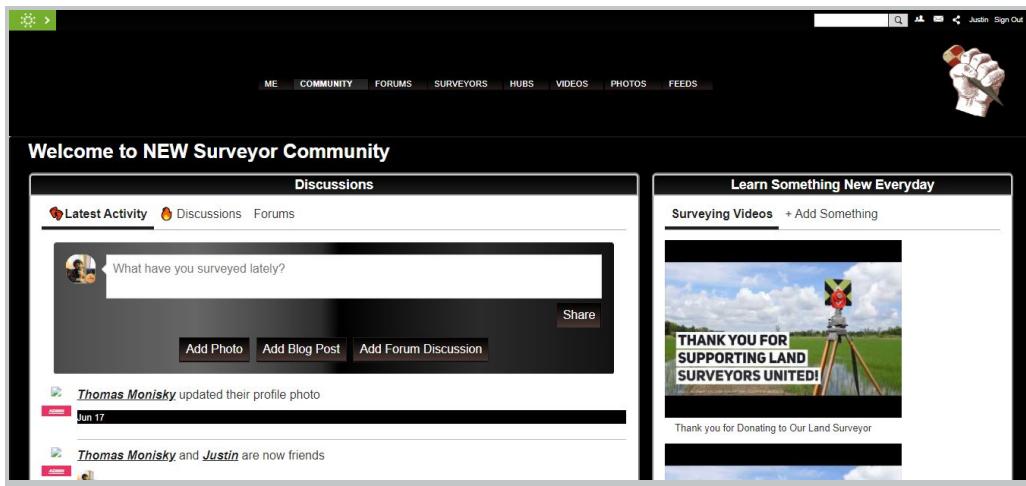
\* Currently we mostly have surveying websites in the USA so if you are based outside of the US, take advantage of the opportunity by listing your companies in those categories first!

Here is a short tutorial on how to add your Surveying Company



---

Finally, We have a New Platform for 2019 to Migrate to



This has been a long time in the making. We are almost ready to move to the new and improved, mobile friendly platform. When it is ready, it will replace the current website sitting at <http://landsurveyorsunited.org/>. What we really need are a few [end of the year donations](#) to the community to make it happen!

We look forward to the new year! We are close to having [15,000 members](#) inside the community and over [50,000 followers to our Facebook Page](#). Be sure to invite your fellow surveyors to join us! Our success is your success and this little grassroots organization is having a serious ripple effect across the board for land surveyors just like you. Thank you for your continued contributions and support of the community!



**Find Targeted Help for Your Equipment Troubles**

**Choose Your Group Here**





**AMERICA'S WEB RADIO**  
A Most Eclectic Mix of Conservative Shows

**NSPS**

**Curt Sumner**  
The NSPS Radio Hour

**Justin Farrow**  
Land Surveyors United

[americaswebradio.com/nsps-radio-hour/](http://americaswebradio.com/nsps-radio-hour/)

**NSPS WEB RADIO HOUR WITH GUEST JUSTIN FARROW OF  
LAND SURVEYORS UNITED**





## December 2018.

- - - - X

A collection of the most popular content on Land Surveyors United for the month of December 2018

**Top Video This Month:**

**[SURVEYING TRAVERSE](#)**

**[COMPUTATIONS IN 10 STEPS](#)**

**Top Discussion This Month:**

**[DIGEST OF AVAILABLE](#)**

**[SURVEYING JOBS BY WORLD](#)**

**[REGION DEC 18](#)**

**Top Story This Month:**

**[CURRENT ONLINE TOOLS TO MAKE YOUR LAND SURVEYING COMPANY](#)**

**[BETTER FOR 2019](#)**

**Top Resource This Month:**

**[LOCATION BASED GROUP FORUMS FOR LAND SURVEYORS](#)**



*Evolve Everyday on Land Surveyors United*



November 2018.

- - - - X

A collection of the most popular content on Land Surveyors United for the month of November 2018

Top Video This Month:

**[SURVEYING TRAVERSE](#)**  
**[COMPUTATIONS IN 10 STEPS](#)**

Top Discussion This Month:

**[BACK PACK VERSUS HARD CASE](#)**

Top Story This Month:

**[CURRENT TOP 100 LAND](#)**

### **[SURVEYING BLOGS TO READ](#)**

Top Resource This Month:

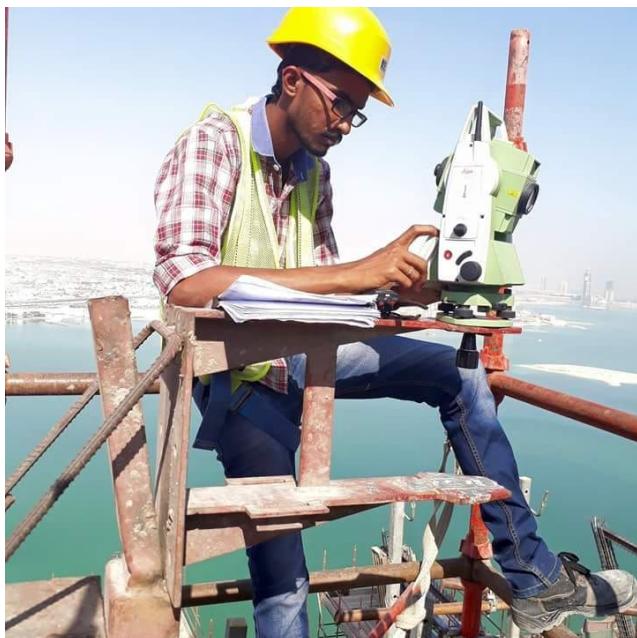
**[LAND SURVEYOR COMMUNITY MEGA GUIDE](#)**



Be the first to get hot land surveying equipment items as they hit ebay, craigslist or Amazon. Follow this page to catch amazing deals on both pre-owned and new surveying equipment and tools! Join the [Survey Equipment Hunter Community](#) and share your own surveying items for sale!



*Sharing experiences and knowledge is a way to strengthen the profession while future proofing the history of surveying for future generations.*

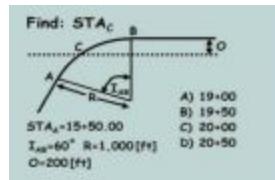


## October 2018.

- - - - X

A collection of the most popular content on Land Surveyors United for the month of October 2018

### Top Video This Month:



### [Horizontal Curves Example Problem](#)

03:51

**Problem Statement:** Find the

**stationing at a point along a horizontal curve when given the interior... Tags: Total, Surveying Tim Nelson**

Top Discussions This Month:

### **[ORIENTATION BLUNDER](#)**

---

## **SHOPPING GPS UNITS**

Top Story This Month:

### **3 AWESOME MOBILE APPS FOR LAND SURVEYORS ON THE RUN!**

Top Resource This Month:

### **SURVEYING FACTS YOU PROBABLY DIDN'T KNOW**

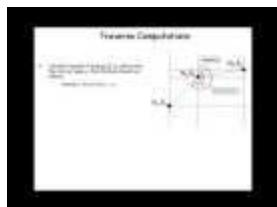


September 2018.

- - - - X

A collection of the most popular content on Land Surveyors United for the month of September 2018

Top Video This Month:



#### **10 Steps**

This video illustrates 10 steps required for computation of Plane Coordinates from the Distances an... Tags: [tutorial](#), [closed](#)  [Survenator](#)

---

Top Discussions This Month:

**HOW WIDE IS A PROPERTY LINE?**

**250+ WINDOWS FREEWARE FOR THE SURVEYOR ON THE MOVE**

Top Story This Month:

**OVER 100+ LAND SURVEYOR STUDENT SCHOLARSHIPS AVAILABLE**

Top Resource This Month:

**COMMUNITY MEMBER MAP AND SEARCH 2018**



August 2018.

- - - - X

A collection of the most popular content on Land Surveyors United for the month of August 2018

Top Video This Month:



**AutoCAD Tutorials on How to Encode and Plot Survey Coordinates and determine the Area and Perimeter**

---

*AutoCAD Tutorials on How to Plot Survey Coordinates and determine the Area and Perimeter. There are... Tags: [plotting](#), [to Jaybird](#)*

Top Discussion This Month:

**CALCULATION FOR LEVELLING -- COLLIMATION METHOD OR WHAT EVER ELSE ITS CALLED**

Top Story This Month:

**NEVER AGAIN PAY TOO MUCH FOR SURVEY COMPANY GEAR**

Top Resource This Month:

**Land Surveying in Search Engine Trends**



July 2018.

- - - - X

A collection of the most popular content on Land Surveyors United for the month of July 2018

Top Video This Month:

**[SURVEYING TRAVERSE](#)**

**[COMPUTATIONS IN 10 STEPS](#)**

Top Discussion This Month:

**[AMAZING SURVEY MARKERS](#)**

**[AROUND THE WORLD](#)**

Top Story This Month:

**[SURVEYOR COMMUNITY MILESTONES COLLECTION](#)**

Top Resource This Month:

**[SURVEYOR'S ONLINE HANDBOOK](#)**





## June 2018.

----- X

A collection of the most popular content on Land Surveyors United for the month of June 2018

Top Video This Month:



[MAPPING WITH A MAVIC \(PART 1 CREATE](#)

[A SURVEY MAP WITH A DRONE\)](#)

*Mapping with Mavic Pro, using Pix 4D, to create a survey map. The best how to drone mapping guide. Tags: [Mavic](#), [tutorial](#) ~~[Survenator](#)~~*

Top Discussion This Month:

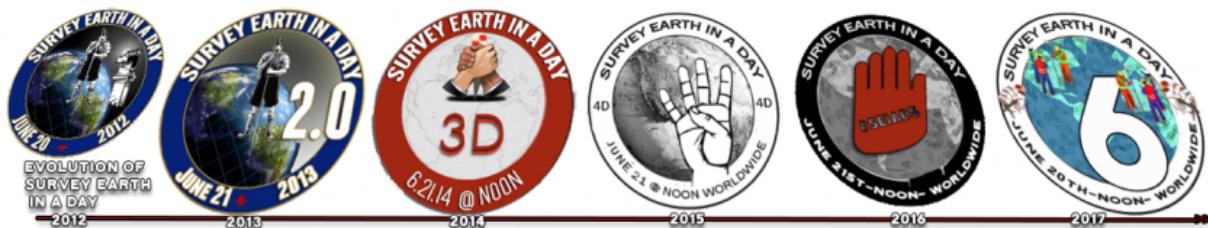
[\*\*TRAVERSE CALCULATION INCLUDING A DIRECTION SHEET\*\*](#)

Top Story This Month:

[\*\*SURVEYORS UNITE FOR INTERNATIONAL SURVEYORS WEEK 2018\*\*](#)

Top Resource This Month:

[\*\*INTERNATIONAL SURVEYORS WEEK INTERACTIVE INFOGRAPHIC\*\*](#)





May 2018.

- - - - X

A collection of the most popular content on Land Surveyors United for the month of May 2018

Top Video This Month:



[TRAVERSE BY BEARING AND DISTANCE](#)

*Watch this insightful tutorial on Traverse by Bearing and Distance*

*for land surveying*Tags: [bearing](#), [distance](#) ~~[Survenator](#)~~

Top Discussion This Month:

**[BEST METHOD FOR HIGH RISE CONSTRUCTION - GPS?](#)**

Top Story This Month:

**[SURVEY EARTH IN A DAY 7 - DAY 5 INTERNATIONAL SURVEYORS WEEK](#)**

Top Resource This Month:

**[ULTIMATE GUIDES COLLECTIONS FOR LAND SURVEYORS](#)**



April 2018.

- - - - X

A collection of the most popular content on Land Surveyors United for the month of April 2018

Top Video This Month:



[Total Station Simulator](#)

*see azimuth & known back sight BS  
method Tags: [tutorial](#), [azimuth](#)*

Top Discussion This Month:

**[CHANGE COORDINATES DURING SURVEY](#)**

Top Story This Month:

**[CURRENT ONLINE TOOLS TO MAKE YOUR LAND SURVEYING COMPANY BETTER FOR 2019](#)**

Top Resource This Month:

**[SURVEYOR PHOTOS SUBMITTED TO COMMUNITY FACEBOOK PAGE](#)**



March 2018.

- - - - X

A collection of the most popular content on Land Surveyors United for the month of March 2018

Top Video This Month:



[Boundary Survey](#)

*What Realtors Don't Tell You, by Ludlow Engineers A boundary survey determines the property lines o... Tags: [realtors](#), [lake](#) [Survenator](#)*

Top Discussion This Month:

**ONE MAN SURVEYING**

Top Story This Month:

**TWO NEW EXCITING FEATURES INSIDE NEW SURVEYING COMMUNITY**

Top Resource This Month:

**LAND SURVEYING COLLEGES AND UNIVERSITIES**



*Evolve Everyday on Land Surveyors United*



## February 2018.

- - - - X

A collection of the most popular content on Land Surveyors United for the month of February 2018

Top Video This Month:

CURVATURE

Pythagorean theorem:  
 $(R + C)^2 = R^2 + K^2$   
 $R^2 + 2RC + C^2 = R^2 + K^2$

Solve for C:

$$C = \sqrt{\frac{K^2}{2R + C}}$$

### [Curvature and Refraction](#)

**How to correct for vertical error in surveying applications due to the effects of the curvature of...** Tags: [formulas](#), [math](#) [Jaybird](#)

Top Discussion This Month:

### [DOES PRISM TYPE EFFECT LEICA TS11 MEASUREMENT ACCURACY?](#)

Top Story This Month:

### [WHY GPS IS NOT PERFECT](#)

Top Resource This Month:

### [QUICK VIEW OF ARCHIVED FORUM DISCUSSIONS](#)



January 2018.

- - - - X

A collection of the most popular content on Land Surveyors United for the month of January 2018

Top Video This Month:



[How to calculate slope angle from a map](#)

[Student video showing how to calculate slope angle from a topographic map. TeamGeo - Katikati Colle...](#) Tags: [map](#), [slope](#) 

Top Discussion This Month:

**[BEST SURVEYING BOOTS](#)**

Top Story This Month:

**[RESUMES ON AIR - LIVE VIDEO COVER LETTERS FOR LAND SURVEYORS](#)**

Top Resource This Month:

**[SURVEYOR JOBS MEGAFEED](#)**

**[LOOK AT ALL WE'VE DONE TOGETHER IN 2017](#)**

What about over all...the most popular photos based on engagement.



## ❖ 2018 Most Popular Photos overall:



- ❖ [SURVEYORS IN THE SNOW](#)
- ❖ by [Jay Munro](#)



- ❖ [HIGH RISE SURVEYOR DUBAI](#)
- ❖ by [Domingo Palnac](#)



- ❖ [GEOMATICS 1\(2014\)](#)
- ❖ by [Kennedy Kwashie Komla](#)



- ❖ [SURVEYING AT NIGHT](#)
- ❖ by [Arnel M. Domag](#)



- ❖ [BUND SURVEY](#)
- ❖ by [I.VIKAS KUMAR](#)



- ❖ [AS BUILT](#)
- ❖ by [Deddy Priatna](#)



- ❖ [SURVEYORS "OLD" TAC BALL 1989](#)
- ❖ by [ePalmetto](#)



- ❖ [CERTIFICATE](#)
- ❖ by [Deddy Priatna](#)



- ❖ [SURVEYOR, FORT MORGAN , COLORADO](#)
- ❖ by [Luke Jackson, RPLS](#)



- ❖ [ON THE FIELD](#)
- ❖ by [Ivan Filipovic](#)



- ❖ [GEONET.IL'S PROJECTS](#)
- ❖ by [Uri Dagmi](#)



- ❖ [BLLM NO. 24, CAD-102](#)
- ❖ by [beethoven bersabal](#)



- ❖ [LEARNING TOTAL STATION TECHNIQUES](#)
- ❖ by [RICHARD ABBAN](#)
- ❖
- ❖ [AS BUILT SURVEYING FOR COAL DUCTING STRUCTURE](#)
- ❖ by [Arnel M. Domag](#)
  
- ❖ A surveyor in a blue jacket and light-colored pants stands in a field, holding a total station and a prism pole. The background shows a green landscape under a clear sky.
- ❖ [THE MOST WONDERFUL SURVEYING JOBS BECAUSE IT IS FROM SUNSET TO SUNRISE.](#)
- ❖ by [Ahmed Salem](#)



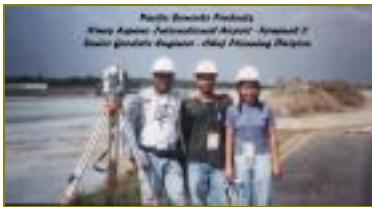
- ❖ [LIECA TOTAL STATION](#)
- ❖ by [YASIN MALIK](#)



- ❖ [PAKISTAN LAND SURVEYOR](#)
- ❖ by [SURVEY TECH PAKISTAN](#)
- ❖



- ❖ [2002 INGENIOUS SOLUTION FOR TRIPOD](#)
- ❖ by [UGO CAPPELLETTI](#)



[NAIA TERMINAL 3](#)



by [ronnie r. monilla](#)



[FIELD OFFICE](#)



by [Tim K.](#)



[NAHATLATCH RIVER](#)



by [Walter Rogatschnigg](#)



[LETOURNEAU L-2350 FRONT END LOADER](#)



by [Neighbor Design](#)



[LEICA GENERATIONS](#)



by [Amro M N Hammad](#)



[SAT SALAM DER QURAN \(MUSLIM COMMUNITY\)](#)



by [Akram Shahid](#)



- ❖ [PHASE BASED LASER SCANNING](#)
- ❖ by [Eric Williams](#)



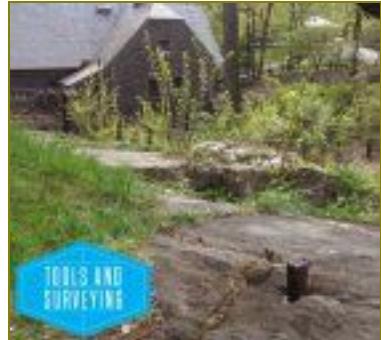
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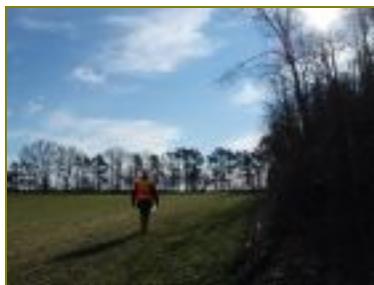
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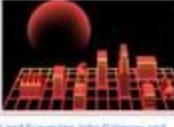
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- NORTH AMERICA

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    - CARIBBEAN[Haiti Land Surveyors](#)
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If you're [land surveyor based in the United States](#), we would like to understand more about the differences and similarities between state associations, boards, laws and practices. Please join the **group forum** for your state and start a discussion today! And by all means, bring this up at the next conference or chapter meeting in your state. Add events happening in your area [here](#).



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[Romania Land Surveyors](#)

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[Greece Land Surveyors](#)

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[Albania Land Surveyors](#)

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## Thurs.21st- Survey Earth in a Day 7

**Survey Earth in a Day** is a unique global surveying event in which any land surveyor or surveying student/professor with access to GNSS equipment can participate from their own location. So, the aim in so far as the participants are concerned is simply to survey the entire surface of the earth as a global community in a single day. Our terrestrial ground control points compiled will give us a network map which can be overlaid on top of any web map and at some places will show us greater accuracy than can be achieved with cell phone GPS..



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