

## CLSA eNews

### June 2017

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### 2018 Annual Conference Dates & Location Secured

We are pleased to announce that the 2018 CLSA Conference will be held from March 23-27, 2018 at the Hyatt Regency in Downtown Sacramento.

You can reserve your room by clicking [this link](#).

Please watch for details as the CLSA Conference Committee finalizes details over the upcoming months.



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### CLSA Professional Development Program

The [California Land Surveyors Association \(CLSA\) Professional Development Program \(PDP\)](#) is a voluntary program intended to encourage and support the continued professional growth and competency of land surveyors and recognize their continuing education activities. This program also provides members a means to meet out-of-state licensure requirements.

Stay up to date with your Professional Development Program hours by entering them in online or submitting them

to the central office for review. Do you need a new date plate for your plaque? You can order one online through the CLSA Store.

[Please click here the PDP application and further details.](#)



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## CLSA Education Foundation



The CLSA Education Foundation was established in 1993 and is committed to supporting land surveying students and programs. Last year over \$50,000 in scholarship aid was provided to land surveying students.

Donating to the Education Foundation is easy! Click [here](#) to donate via PayPal.



Thank you to everyone who clicks through to Amazon through the CLSA's Education Foundation Amazon Smile account! If you're not doing so already, please shop on Amazon with [this link](#).



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## 2017 CLSA Webinar Schedule

The next CLSA webinar will take place on Wednesday, July 12th from 11:00 AM to 12:00 PM. The topic is *Demystifying Reference Frames and 3D Datums* presented by Greg Helmer.

### Program Description:

If my Quad Map is in NAD27 and my GIS land base is in NAD83, my local control network is in the 2011.00 epoch and the satellite orbits are in WGS84... or maybe it's ITRF14 or 08... oh, I'm so confused. And then there's elevations. If I'm using Geoid12B with NAVD88, and I need to know local MLLW, do I need to stand on my head and drink from a tide gauge to face up?

It's no wonder that really-smart people are so confused.

And it's going to get worse. The proposed modernization of the National Spatial Reference System in 2022 promises to bring coordinates and elevations into closer alignment with GNSS orbits, and to introduce an additional transformation parameter in the form of a Euler pole and rotational velocity. Stay tuned. This webinar attempts to walk through the concepts of basic geodesy from plane coordinates, to earth-centered-earth-fixed cartesian coordinates, to spherical coordinates in inertial space, and 14-parameter transformation models; and yes, Euler poles, as well as gridded velocity models. If your head is not spinning by then, we will touch briefly on

geopotential heights.

If you are a CLSA member, [click here](#) to register.

Non members, please visit the Upcoming Webinars section of the CLSA Store to register.

Here is a schedule of webinars for the rest of the year. Watch your inbox for information on how to register.

July 12, 2017 - Demystifying Reference Frames and 3D Datums  
August 30, 2017 - Good Neighbor Fence Act of 2016 (AB 1404)  
September 13, 2017 - NGS State Coordinator/Regional Advisor Update  
October 25, 2017 - The Railroad Taper or Transition Curve  
November 8, 2017 - Elevation Certificates: Surveyor's Notes  
December 6, 2017 - 3D Subdivisions

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## Upcoming Events:

### **July 12, 2017 at 11:00 AM**

CLSA Webinar: Demystifying Reference Frames and 3D Datums

### **July 30, 2017**

CLSA Board of Directors Meeting

### **August 30, 2017 at 11:00 AM**

CLSA Webinar: Good Neighbor Fence Act of 2016 (AB 1404)

### **September 13, 2017 at 11:00 AM**

CLSA Webinar: NGS State Coordinator/Regional Advisor Update

### **October 25, 2017 at 11:00 AM**

CLSA Webinar: The Railroad Taper or Transition Curve

### **November 4, 2017**

CLSA Board of Directors Meeting

### **November 8, 2017 at 11:00 AM**

CLSA Webinar: Elevation Certificates: Surveyor's Notes

### **December 13, 2017 at 11:00 AM**

CLSA Webinar: 3D Subdivisions

### **March 23-27, 2018**

CLSA Annual Conference

Hyatt Regency - Sacramento, CA

[Click here](#) to reserve your hotel room.

Additional events can be viewed on CLSA's [online event calendar](#).

STAY CONNECTED:

