



The Lahontan Chapter of the  
Nevada Association of Land Surveyors  
Presents  
An 8-Hour Continuing Education Seminar

## Measurements, Monuments, and Maps

Featuring Chuck Karayan, LS. This seminar covers the interrelationship and weighting of evidence (measurements, monuments, and maps) in the analysis of boundary determination. It also covers the use of such evidence in creating boundaries as distinguished from reestablishing them. The course discusses accuracy versus precision, error theory and adjustment techniques as well as real property corners and the monuments used to mark them, all from an evidentiary, i.e. non-mathematical, point of view. Examples and illustrations are used in the process.

Chuck Karayan began surveying in 1962. Since then his career in public and private practice has taken him from the deserts of southern Arizona to the forests of north-western Washington. He was originally licensed by the State of Oregon in 1978 and is currently licensed in California; a Contributing Writer for *The American Surveyor* magazine; and, is a Senior Lecturer in Surveying at the University of Wyoming.

Academically trained as an Earth Scientist/Geographer, Mr. Karayan attended the University of San Fernando Valley, College of Law. For over 25 years, his career has focused on boundary and land title matters as a manager and expert witness.

**Associated General Contractors—NAM All Training Room**  
5400 Mill Street, Reno, NV 89502

**Friday November 3, 2017**

7:00am - 8:00am — Registration & Networking (Continental breakfast will be served)  
8:00am — Presentation Begins  
12:00-1:00pm — Lunch (included)  
5:00pm — Presentation Adjourns

**Thank you to our corporate sponsors!**



**Lahontan Chapter NALS Continuing Education Seminar**  
Attendee Registration Form

**Pre-Registration Pricing**

- \$125 - NALS Member
- \$175 - Non-NALS Member

**Walk-In Pricing**

- \$150 - NALS Member
- \$200- Non-NALS Member

Name \_\_\_\_\_  
Company \_\_\_\_\_  
Email Address \_\_\_\_\_  
Telephone \_\_\_\_\_

Please mail your registration form with check made payable to Nevada Association of Land Surveyors to:  
Lahontan NALS • C/O Lumos & Associates • 800 East College Pkwy • Carson City, NV 89706

Alternatively, payment can be made via credit card. Contact John Gomez at (775) 823-4068 for details.  
When making payments online, please mail, fax or email your registration form to (775) 883-7114 or [sschmidt@lumosinc.com](mailto:sschmidt@lumosinc.com)