



CALIFORNIA LAND SURVEYORS ASSOCIATION

Northern Counties Chapter

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Northern Counties Chapter, CLSA
presents:

"GLOBAL POSITIONING SYSTEM SURVEYING"

A PROFESSIONAL DEVELOPMENT WORKSHOP

Featuring:

Don D'Onofrio, NGS retired
Steven J. Martin, PLS
Marti E. Ikehara, NGS

FRIDAY
FEBRUARY 22
2013

Gold Country Casino
4020 Olive Highway
Oroville, CA 95966

REGISTER EARLY
Space is Limited
(First 80 registrants)

SPEAKER BIOGRAPHIES:

Don D'Onofrio is retired from the National Geodetic Survey (NGS) and former State Geodetic Advisor to California and Alaska. Don began his career with the Coast and Geodetic Survey (C&GS) in 1960 and retired from the National Geodetic Survey (NGS) in 1999. During his thirty-nine year career, Don spent time performing satellite positioning surveys at various locations around North America and the world. Don served as the State Geodetic Advisor to Alaska for nearly nine years and as the State Geodetic Advisor to California for nearly ten years. After retirement, Don helped establish the California Spatial Reference Center (CSRC) and helped direct numerous GPS Height Modernization and land subsidence surveys.

Steven J. Martin, PLS is currently the Survey Supervisor for the East Bay Municipal Utility District (EBMUD) in Oakland, California. Steve's survey career began in 1988 for the City of San Diego. Prior to assuming his supervisory position at EBMUD, Steve was employed at the County of San Diego where he developed professionally and progressed through increasingly responsible positions over seventeen years of service. Steve has been a licensed California Professional Land Surveyor since 1996 and a member of the California Land Surveyors Association since 1990 where he has served as a Board of Director representing the East Bay Chapter, Chairman of the Education Foundation, and the CLSA liaison to the California Spatial Reference Center (CSRC).

Marti E. Ikehara is currently the State Geodetic Advisor with National Geodetic Survey (NGS). The NGS is an agency within the National Oceanic and Atmospheric Administration (NOAA). Marti has been the California Geodetic Advisor since 1999, and advises Caltrans survey staff and many other customers, including environmental restoration scientists throughout the state. Prior to her service in California, she spent the previous twenty years as a ground-water hydrologist with the United States Geological Survey (USGS) working in their offices in Honolulu and Sacramento.

Event Schedule

- 7:45 - 8:15 Sign-in (Coffee and Danish)
8:15 - 8:30 Opening and Introductions
8:30 - 10:00 GPS Development & Early Deployment
10:00 -10:30 Break
10:30 - 11:30 GPS & Geodesy Basics
11:30 - 12:30 Lunch/ Exhibitors (included)
12:30 - 2:00 GPS Standards & Specifications for Geodetic Control
2:00 - 2:15 Break
2:15 - 4:45 Using GNSS data & NGS Tools for Geodetic Control
4:45 - 5:00 Closing and Raffle

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"GLOBAL POSITIONING SYSTEM SURVEYING WORKSHOP"

Featuring:

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This course is presented as professional development for licensed professionals and those preparing for licensure, but is also an informative course for individuals or businesses that depend upon the work of the surveying professional and will offer thorough discussion of global positioning system technology. This workshop will discuss the history of the early days of GPS development and deployment, GPS and Geodesy basics, standards, and specifications as well the future of the National Geodetic Survey (NGS) Advisor program and retrieval of GNSS, NGS and CSRC data and the use of the many available online GPS tools.

Note: Speaker fees have been donated. All proceeds fund Northern Counties scholarship donations to the CLSA education foundation.

Sign-up Form

Space limited to the first eighty (80)

Table with 3 columns: Sign up for, Advance by: 2-15-2013, Door. Rows include Member (\$135/\$175), Non-member (\$175/\$215), Student (\$55/\$80).

\* By checking the box, non -members may apply the \$40, (\$25 Student) difference to membership in the Northern Counties Chapter of CLSA.

Name Address
Phone E-mail
RCE or LS No. EIT or LSIT No.

Method of Payment Cash or Check

Price includes seminar, handouts, certificate of completion, refreshments and lunch coupon.



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