

# Contents

## On the Cover



Clouds, sky and vegetation, Sespe Wilderness, Los Padres National Forest, CA. Image copyright L.A. Nature Graphics, 2012. Used under license from Shutterstock.com.



## Features

- 10** **The Tepusquet Boundary Survey—Part 1**  
Dealing with uncooperative owners, occupiers, illegal pot growers and the BLM made for a challenging boundary survey.  
*Justin Height, PS*
- 18** **Invar—The Breakthrough for a Low Expansion Alloy**  
Most surveyors are familiar with the use of this unique metal for chains and level rods, but it was also used for watches.  
*Jerry Penny, PS*
- 34** **Rendezvous 2012—Toward the Western Horizon**  
Lewis and Clark, the Union Pacific Railroad and the GLO are ways in which we, as a country, pursued the western horizon. The Rendezvous covered it all.  
*C. Barton Crattie, LS*
- 49** **Record Title—Part 2, Land Record Systems**  
Part two of this three-part series continues with an examination of our recording systems.  
*Chuck Karayan, PS*

## Departments

- 40** **Footsteps: Best Practices for Very Large Boundary Surveys—Coordinate Reference Systems**  
Selecting and using coordinate reference systems on large boundary surveys.  
*Landon Blake, PS*
- 44** **Feedback: Letters to the Editor**  
Several of our recent articles generated an outpouring of response.  
*Various authors*
- 56** **GIS Matters: mLSIS, a Mobile Land Surveyors Information System**  
An examination of new software that will allow surveyors to do research while in the field.  
*Rj Zimmer, PS*

## In This Issue

- 6** **Guest Editorial: Intergeo and Breithaupt**  
A visit to the western world's largest surveying show and the world's oldest instrument manufacturer.  
*Marc Cheves, PS*
- 43** **Advertisers' Directory**
- 53** **MarketPlace**

**>> Are You Receiving Our eNewsletter?  
Subscribe @ [www.amerisurv.com](http://www.amerisurv.com)**

