

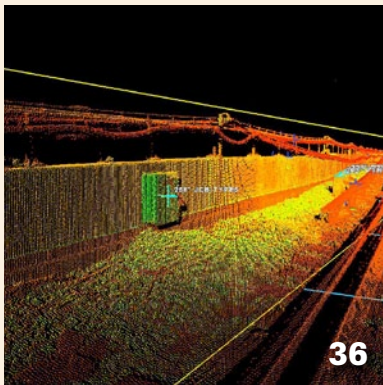
# Contents

## On the Cover



Image courtesy of Lars Krøgnnes, Cautus Geo/AS

Atle Gerhardsen of Norwegian geo-monitoring company Cautus Geo attaches a prism, collocated with a GNS antenna at one of many monitoring masts at the site of their Åknes fjord monitoring project.



## Features

- 6 Guardians of the Rock**  
A pioneering system for monitoring rockslides on Norway's fjords integrates high-end survey, sensor and alarm systems to automatically monitor for potential devastating rockslides 24/7.  
*Gavin Schrock, PS*
- 16 Checking Industrial Equipment Tolerances**  
Sokkia automates critical monitoring tasks by innovating handheld technology.  
*Don Talend*
- 22 Fearful Excitement: The Surveys of David Douglas**  
The man for whom the Douglas Fir was named, this naturalist and explorer also surveyed and mapped.  
*Jack Nisbet*
- 36 {Not Your Typical} Success Story**  
Chicago's Dynasty Group manages huge logistical challenges to deliver survey data on schedule.  
*Angus Stocking, PS*
- 45 Frames for the Future: Replacing NAVD 88—Challenges and Benefits (Part 3 of 4)**  
In Part 3, NGS experts discuss hybrid geoid models and the benefits of the National Vertical Datum.  
*David H. Minkel and Michael L. Dennis*

## Departments

- 49 Product Review: Leica Disto 3D**  
Our expert reviewer examines a useful tool that, by combining several technologies, has the potential to change the way interior measurements are made.  
*Shawn Billings, PS*
- 56 Vantage Point: Congressional Land Actions**  
In this installment, a look at the adversarial occupation of federal lands.  
*By Wendy Lathrop, PS, CFM*

## In This Issue

- 6 Editor's Corner: A Global Community**  
Our LinkedIn Surveyors group is helping surveyors all over the world.  
*By Marc Cheves, PS*
- 53 Advertisers' Directory**
- 55 MarketPlace**

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

