



# THE IMAGING & GEOSPATIAL INFORMATION SOCIETY

*~The Rocky Mountain Compiler~*

**Issue 4**

**Winter 2006**

**Issued Quarterly**

*Newsletter of the Rocky Mountain Region of ASPRS, serving Montana, Wyoming, Colorado, and New Mexico*

## Save the Date: January 20<sup>th</sup>!

Mark your calendars for Saturday, 20 January, for the ASPRS-RMR Annual Dinner at the Wellshire Inn, Hunt Room, at 3333 S. Colorado Blvd, Denver. We had such a great time there last year we decided to go there again! There is plenty of parking available and the room is wheelchair accessible. If you have any questions, contact **Allen Cook**, 720-744-7328.

Scholarships will be awarded and new officers will be sworn in.

Dinner, an Italian buffet, is \$30 per person. Please make your reservation by 15 January by mailing your check—payable to ASPRS-RMR—to ASPRS-RMR, PO Box 280834, Lakewood, CO 80228.

We look forward to seeing you there!

## ASPRS-RMR President's Message

### *Geo-Collaboration in the Geo-Spatial Age---More is More*

We need to collaborate and bring value to solve big problems with big ideas and lead the global community during the "Geo-Spatial Age."

(So then as a culmination of my last three newsletter messages...) The next big idea or

better described as a movement may very well be "geo-collaboration." There is much evidence before us that this indeed has been occurring. Geospatial data collaboration initiatives are underway at USGS, USDA, Northern Command, NOAA, BLM, and selective state governments. These organizations employ spatial data provisioning to support geo-collaboration. Spatial data provisioning technologies enhance the value of geospatial holdings through sharing and reuse (more is more). Isolated and redundant practices are being dismantled and institutions are embracing collaborative philosophies with the associated accountability. As spatial data holdings increase, the time is right to consider an integrated multi-organization, multi-tier approach to data collection, storage and dissemination. Recent catastrophic events have forged some defining moments in the collective geospatial community. With these events has come an expectation of faster and more effective responses to protect lives and property. Some changes are being driven by

## Inside This Issue

- 2** GIS in the Rockies 2007
- 3** ASPRS Certification Workshop in Aurora, Colorado
- 4** Upcoming Conferences
- 5** Candidates for ASPRS-RMR 2007 Board of Directors
- 8** \* ANNUAL BALLOT \*

improvements in how projects are managed in terms of project design, sensors employed, interpretations applied and the conclusions presented. We can expect to see an increased resolution in sensors, increased temporal and spatial availability, and improved access to multi-sources, improved time to delivery, increased end-user skills, and new and affordable tools. Our citizens expect smooth, seamless distribution of products and results. Ultimately, the drama of events over time and space demands a sharpened geo-collaborative response. Impacts of change on our cultural and physical landscapes are evident. Professional geo-collaborators for managing change should recognize that their contributions do indeed influence daily operations and decisions (**more is... more**).

I have been fortunate to serve as President of ASPRS-RMR in 2006 and hope to remain active for a number of years to come. In conclusion, I have included a passage from Henry David Thoreau's *Walden* published 100 years before I was born. The message remains thought provoking for those who embrace new ideas and the resulting changes that occur. This is provided for all of you who..." have built castles in the air." Farewell.

*The surface of the earth is soft and impressible by the feet of men; and so with the paths which the mind travels. How worn and dusty, then, must be the highways of the world, how deep the ruts of tradition and conformity! I did not wish to take a cabin passage, but rather to go before the mast and on the deck of the world, for there I could best see the moonlight amid the mountains. I do not wish to go below now.*

*I learned this, at least, by my experiment: that if one advances confidently in the direction of his dreams, and endeavors to live the life which he has imagined, he will meet with a success unexpected in common hours. He will put some things behind, will pass an invisible boundary; new, universal, and more liberal laws will begin to establish themselves around and within him; or the old laws be expanded, and interpreted in his favor in a more liberal sense, and he will live with the license of a higher order of beings. In proportion as he simplifies his life, the laws of the universe will appear less complex, and solitude will not be solitude, nor poverty poverty, nor weakness weakness. If you have built castles in the air, your work need not be lost; that is where they should be. Now put the foundations under them.*

**Jeff Young**  
ASPRS-RMR President

---

## GIS in the Rockies 2007

**September 12-13**

### **INVESCO Field at Mile High**

Believe it or not.... the Executive and Planning committee has been put together to start working on the GIS in the Rockies 2007 conference! The Rocky Mountain Region's Past President, **Jeff Young**, will be serving on the Executive Committee and we will have two additional board members, **Trent Casi** and **Victoria Provenza**, working on the planning committee. **Jaymes Pardue** has been given a special assignment regarding the 20th Anniversary of GIS in the Rockies. The theme will be "Celebrating 20 Years" and the potential keynote speaker is **Jack Dangermond** (ESRI President).

### **Planning Committee Assignments for 2007:**

- Chair - **Chris Longo**
- Vice Chair- TBD
- Treasurer - **Karen Meckel**
- Secretary - **Emily Drummond**
- Program Coordinator - **Marcia Walker**
- Marketing - No committee position, subcontracted to **Elizabeth Roberts**
- Publications - **Emily Drummond**
- Events - **Kelly Sparks**
- Volunteers - **Mark Eaton**
- Website/Logo - Subcontracted to **Jason Bell** (Arizona)
- Website Coordinator - **Chad McFadden**
- Registration - **Victoria Provenza** (email), **Trent Casi** (phone)
- Database - **Kate Grimes**
- Venue - **Mark Eaton**

### **Tracks for Presentations**

General  
Application Development in GIS  
GIS for Managers  
Sustainability & Renewable Resources  
Emergency Management & Homeland Security  
Geospatial Imaging: GIS Foundation and Layers of Value

The GIS in the Rockies web site currently has information about the 2006 conference. Add to your favorites now, [www.GISintheRockies.org](http://www.GISintheRockies.org), to make it easy to check back regularly for 2007 updates.

---

## Of Interest to Students....

This section includes articles that will help GIS/remote sensing students with information on scholarships, new courses, and certifications.

Spring 2007 Course at University of Colorado at Denver: GEOG 4095/5095: Deploying GIS Functionality on the Web. Spring 2007 Wednesdays 5:30-8:15 PM

**COURSE DESCRIPTION:** Experts and industry leaders predict that web-based spatial information systems (Geographic Information Systems deployed on the World Wide Web) and the new Web Services architecture may eventually become the dominant format for accessing GIS functionality and data. This is an upper-division/graduate course on understanding and applying the concepts and core technologies that allow the deployment of GIS functionality on the World Wide Web. The course aims to balance the understanding of concepts and principles with the acquisition of practical skills to allow students to create web-GIS applications. The theory and concepts are demonstrated and/or practiced using the latest GIS and web technologies.

### COURSE GOALS:

- Provide an overview and basic understanding of the most important web-GIS principles and technologies that will allow you to effectively contribute to IT interdisciplinary teams designing and implementing web-GIS applications.
- Provide a "road map" of the area of web-GIS that will allow you to decide what to explore further to take your knowledge and skills to your desired level.
- Allow you to create basic web-GIS applications.

**Prerequisites:** There are no formal prerequisites, and no previous knowledge is assumed. However, it is recommended that students take courses such as Introduction to GIS, programming in a high-level language (e.g. C++ or Java), and a class where basic web and HTML concepts are covered, before taking this course.

FOR MORE INFORMATION, contact:

### **Rafael Moreno, Ph.D.**

Dept of Geography and Environmental Sciences  
Univ of Colorado at Denver-Health Sciences Center  
Campus Box 172, P.O. Box 173364  
Denver, CO 80217-3364  
Office: North Classroom 3524  
Phone: 303-352-3762  
Fax: 303-556-6197  
[Rafael.Moreno@cudenver.edu](mailto:Rafael.Moreno@cudenver.edu)

**What's New** - A Provisional Certification Program / Student Newsletter / Student Chapters / Student Blog are now available on the National ASPRS website at [www.asprs.org](http://www.asprs.org).

## ASPRS Certification Workshop in Aurora, Colorado

The Rocky Mountain Region of ASPRS will host a full day ASPRS Certification Workshop at Merrick & Company Corporate Headquarters in Aurora, Colorado on Friday, February 9, 2007. The cost for the workshop is \$215.00 for ASPRS members and \$315.00 for non-members. Space is limited and priority registration will be given to members. For more information, please visit the News & Events page at <http://www.asprs-rmr.org> or contact **Victoria Provenza** at [victoria@prospatial.com](mailto:victoria@prospatial.com).

General information may be found online at [www.asprs.org/membership/certification/index.html](http://www.asprs.org/membership/certification/index.html).

## Welcome New Members!

Bruce Adey  
Stanley Brader  
Michael L. Davis  
Heather M. McTighe  
Jennifer S. Nix  
Fred Nuszdorfer  
Prof. Apostol Panayotov

## USGS Seeks Project Solicitations for Innovative Ways to Improve Digital Geospatial Data Infrastructure

USGS and the Federal Geographic Data Committee (FGDC) formally announced their request for proposals to support the 2007 National Spatial Data Infrastructure (NSDI) Cooperative Agreements Program (CAP). With a total of \$1.2 million spread across five categories, the 2007 NSDI CAP will fund an estimated 26 innovative projects in the geospatial data community. Each project aims to build new and improve existing infrastructure necessary to effectively discover, access, share, manage and use digital geographic data.

In 2006, NSDI CAP awarded a total of 24 projects, totaling a projected \$1.15 million. Individual projects like the web-based mapping service project being developed by Benton County, Arkansas, will incorporate county-maintained geospatial data directly into a web mapping tool that will be accessible to multiple partners and the general public.

To date the NSDI CAP awards have created collaborations at all levels of government, provided seed money to enable geospatial organizations to participate in national effort to implement the NSDI, promoted the development of standardized metadata in hundreds of organizations, and funded numerous implementations of OpenGIS Web Mapping Services and Web Feature Services. The twelve years of CAP awards have played a substantial role in promoting and disseminating the tenets of the NSDI to thousands of practitioners.

2007 NSDI CAP project grant awards are scheduled to be announced by USGS/FGDC contracts officer in March 2007 with obligated work to begin on each project by September 30, 2007. The full 2007 announcement and more information are online at [www.fgdc.gov/grants/2007CAP/2007CAPschedule](http://www.fgdc.gov/grants/2007CAP/2007CAPschedule).

See the full list of the 2006 NSDI CAP projects at [www.fgdc.gov/grants/2006CAP/index.html](http://www.fgdc.gov/grants/2006CAP/index.html).

The FGDC of the USGS National Geospatial Program Office sponsors the CAP to promote the technologies, standards, best practices and organizational collaboration vital to data integration, partnerships for data investment and speedy delivery of geospatial products to support government.

For more information on this program, please contact **Gita Urban-Mathieux**: 703-648-5175 or [burbanma@usgs.gov](mailto:burbanma@usgs.gov).

For additional information on FGDC NSDI CAP Grants please visit our website [www.fgdc.gov](http://www.fgdc.gov) or contact the FGDC Secretariat, c/o U.S. Geological Survey, 590 National Center, Reston, VA 20192; telephone 703-648-5513; fax 703-648-5755.

**Brigitta Urban-Mathieux** ([burbanma@usgs.gov](mailto:burbanma@usgs.gov))  
Phone: 703-648-5175

Due Date for Submittals: January 26, 2007

---

## Job Postings!!!

Happy Holidays ASPRS Rocky Mountain Region Members! Be sure to check out the updated Job Listings page on our RMR web site. We currently have 16 great jobs posted. New opportunities are being posted all of the time!! Check it out!!

Check out the Rocky Mountain Region Jobs Listings at [www.asprs-rmr.org/jobs.html](http://www.asprs-rmr.org/jobs.html).

---

## Rocky Mountain Compiler

### Upcoming Conferences

The list below includes a few of the conferences that will be coming up in 2007. We are providing it to help you plan your travels.

#### ***ILMF 2007 — International LIDAR Mapping Forum, Baltimore, Maryland — February 12-13, 2007***

ILMF 2007 online conference registration is now available!

The most important event of the year for the LIDAR mapping industry will take place in Baltimore, Maryland, 12-13 February 2007. The International LIDAR Mapping Forum (ILMF) 2007 has become the "Summit" for LIDAR professionals as well as those wanting to expand their knowledge of LIDAR technology and its applications.

Online conference registration for ILMF 2007 is now available at the International LIDAR Mapping Forum (ILMF) web site. Registration is \$490 and provides access to all conference sessions and materials; complete conference proceedings; access to all sponsored social events, meals, breaks and reception.

For those about to spend tens or hundreds of thousands, even millions of dollars on LIDAR products or services, the ILMF 2007 is a MUST!

As the premier event for the Aerial LIDAR, Terrestrial Laser Scanning and Bathymetric LIDAR industry, ILMF 2007 is producing a compelling program for the most serious LIDAR professionals in an intimate, focused meeting with outstanding networking, education and marketing opportunities.

Be a part of the biggest event in the LIDAR industry – contact the ILMF 2007 conference organizer by email, [organizer@lidarmap.org](mailto:organizer@lidarmap.org), or phone, 303-298-9847 ext 333, or visit [www.lidarmap.org](http://www.lidarmap.org) for registration, sponsor and exhibit information.

#### ***Identifying Geospatial Solutions — ASPRS 2007 Annual Conference Tampa, Florida — May 7-11, 2007***

Come to Tampa in 2007!

The ASPRS 2007 Annual Conference is scheduled for May 7-11 in Tampa, Florida. The theme of the Conference is "Identifying Geospatial Solutions."

Submissions are encouraged on research and utilization of cutting edge technologies in the remote sensing, photogrammetric, and GIS fields, as well as technologies that will provide information or assistance to the surveying and mapping communities.

Following the theme of "Identifying Geospatial Solutions," this Conference will have an outstanding set of technical presentations on all aspects of imaging and geospatial information. We will feature sessions on how to collect geospatial data, how to process and analyze data, and how to derive information from data that is useful in making local, national and global decisions, for resource management, business or other purposes. Please visit [www.asprs.org/tampa2007/](http://www.asprs.org/tampa2007/) for more details.

### ***GITA's Annual Conference 30, San Antonio, Texas – March 4-7 2007***

It's the premier geospatial event of the year, featuring a drastically expanded program with 15 brand new seminars and 99 technical presentations!

Register now for GITA's Annual Conference and Exhibition. Annual Conference 30 will provide you with better ways to plan, design, manage, and maintain your geospatial systems and operations.

This prestigious event will present an exciting technical program, including in-depth seminars, educational sessions, user forums, panel deliberations, networking socials.

This year's conference theme—Mission Possible—reflects the idea that each attendee's path at the conference will lead him or her to information and networking to assist in fulfilling missions that are indeed possible.

For more details, please visit [www.gita.org/new-site/events/annual/30/index.asp](http://www.gita.org/new-site/events/annual/30/index.asp).

### ***The 2007 Meeting of The AAG, San Francisco, California — April 17-21 2007***

Come join the AAG in San Francisco, California, April 17-21, 2007. San Francisco is the home of the Golden Gate Bridge and Ghirardelli chocolate, where cable cars climb some of the hilliest streets in the country, and where **Tony Bennett** left his heart. Over 3,000 paper and poster presentations anticipated, featuring the latest geographic research and scholarship, ranging across the full breadth of the discipline. The San Francisco region also offers opportunities for exceptional field trips on

geographic topics from the physical to the human to the oenological.

Located on the beautiful San Francisco Bay, San Francisco is home to the Noe Valley, a colorful and pedestrian-friendly thoroughfare with pubs, outdoor cafes, and superb restaurants; a 24-block Chinatown; Fisherman's Wharf, a waterfront marketplace and pier; the Golden Gate Bridge; Alcatraz Island; the San Francisco Zoo; world-renowned theaters and museums; and many more wonderful attractions.

Attendees can travel to San Francisco with ease from around the world. San Francisco International Airport, the area's largest airport facility, hosts twenty-two domestic airline carriers and twenty-seven international carriers.

Don't miss the chance to visit one of America's most popular cities. We look forward to seeing you there!

See [www.aag.org/annualmeetings/SF2007/index.cfm](http://www.aag.org/annualmeetings/SF2007/index.cfm) for more details.

### ***URISA's 2007 Annual Conference, Washington, DC — August 20-23, 2007***

URISA's Annual Conference and Exhibition features management and policy discussions of IT/GIS issues affecting urban and regional governments. Pre-conference workshops, important keynote and plenary addresses, technical and policy presentations, and networking events are also held at the conference. For more details, please visit [www.urisa.org/conferences/aboutannual](http://www.urisa.org/conferences/aboutannual).

## **Candidates for ASPRS-RMR 2007 Board of Directors**

### **Terrence J. Ryan**

Terry Ryan is currently the Federal Sales Manager for LizardTech, responsible for the sales and distribution of LizardTech's suite of software products used for managing, distributing and accessing large complex digital content, i.e., Aerial & Satellite Imagery. Mr. Ryan has a long history working in sales, marketing and channel development for the geographic information systems (GIS) and remote sensing industries. Before joining LizardTech, Mr. Ryan worked for IntraSearch-MapMart as Director of Sales, providing remote sensing data and GIS base data, and GIS software to commercial and government users. Prior to that he held the position of Sales Manager for Land Info International and provided GIS data and services to users across the globe. Mr. Ryan has also held other sales related positions in the geospatial

marketplace, including Business Development Manager for Hitachi Software Global Technology, being responsible for development of partnerships with leading satellite imagery and aerial photography organizations around the US. He has also held the position of Senior Account Manager for Avatech Solutions, a leading Autodesk software reseller and solution provider to the CAD marketplace.

Ryan graduated in 1993 with a Bachelor of Arts degree in marketing & advertising from Loras College in Dubuque, Iowa. Ryan is a member of ASPRS and GITA professional organizations.

#### **Victoria Provenza**

Victoria Provenza is president of proSPATIAL, llc, a full service spatial technologies firm located in Centennial, Colorado, specializing in technology transfer in Remote Sensing, LIDAR, GIS and GPS to the public and private sectors. proSPATIAL's capabilities are extended and complemented via strategic partnerships with the world's most respected spatial technology organizations. Ms. Provenza has over 20 years of experience as a geologist and program manager in the energy, environment, education, public outreach and remote sensing disciplines. She presently serves on the Board of Directors of ASPRS RMR as Secretary, the GIS in the Rockies Planning Committee, the Education Committee for GITA and is Chair of the Implementation Working Group of G2 (CO GPS Users Group) for the proposed Colorado Real Time Reference Network. Ms. Provenza represented ASPRS RMR as the Chair of the Imagery and Remote Sensing Track at GIS in the Rockies in 2005 and on the Planning Committee in 2006. She is the Rocky Mountain Region coordinator and liaison for the ASPRS Certification Workshop in February 2007. Ms. Provenza is the author of several papers on the topics of geospatial education, technology transfer and is a guest lecturer on geospatial technologies throughout the United States.

If elected Vice-President and Membership Coordinator for the Rocky Mountain Region, Ms. Provenza will work diligently to build a strong sense of community among members, increase the number of student chapters and host membership socials in each state to foster professional relationships, networking opportunities and add value to regional membership in ASPRS.

#### **Matthew Bobo**

Matthew Bobo has 13 plus years of experience in remote sensing and other geospatial technologies. Mr. Bobo received a BA in Archeological Studies and a minor in Geography from Boston University. Taking a course in remote sensing from Dr. Alan Strahler motivated Matthew to pursue the geospatial technologies as a career. Mr.

## **Rocky Mountain Compiler**

Bobo went on to the University of Wisconsin-Madison and entered the Environmental Monitoring Masters program. While working on his degree and upon completion of his Master's, Matthew worked at the Wisconsin Department of Natural Resources, assisting with the development of the image processing protocol for a LANDSAT-based state-wide land cover map as well as working on day-to-day processing to complete the project. Next Mr. Bobo worked as a contractor and research scientist at NASA Ames Research Center, applying remote sensing and GIS to a variety of application areas, including landscape epidemiology, ecosystem modeling, and agriculture. Currently, Matt is a remote sensing coordinator for the Bureau of Land Management (BLM) working out of the National Science and Technology Center.

#### **Shaun P. Callaghan**

Shaun Callaghan is currently a Systems Engineer for Definiens, Inc. - Earth Business Unit, responsible for all aspects of presales and technical support activities in association with the sales and distribution of the Definiens' suite of advanced classification and feature extraction software products. Mr. Callaghan has over 10 years of technical experience working in photogrammetry, geographic information systems, and satellite remote sensing. Before joining Definiens, Inc., Mr. Callaghan worked for DigitalGlobe, Inc. as manager in the commercial production control center group, acquiring technical data and providing project management for the advanced products within commercial production. Prior to that he held the position of a Mapping Specialist with In Plane View, LLC of Denver. At this position, Mr. Callaghan was responsible for various aspects of the company's business including designing and developing new mapping products, account and project management and expanding the market coverage of all products throughout Colorado. He has also held the position of Technical Manager at Pixxures, Inc, a provider of photogrammetric and on-line data.

Shaun graduated in 1996 with a Bachelor of Arts degree in Environmental Policy and a concentration of Remote Sensing/GIS from the University of Kansas in Lawrence, Kansas.

#### **Matthew N. Wood**

Mr. Wood has over 12 years experience in the geospatial industry, this includes over two years at ITT Visual Information Solutions and five years at DigitalGlobe. He has also worked at Space Imaging and ESRI.

Mr. Wood received his MBA from Daniels College of Business (Denver University) and his MS from Oregon State University. He has presented at many conferences such as the Africa GIS Conference in Dakar, Senegal,

and the Australian Remote Sensing and Photogrammetry conference, Brisbane, Australia.

Currently, Mr. Wood is the Director of Product Marketing at ITT Visual Information Solutions.

### **Rick Lawrence**

Rick Lawrence -- PhD 1998 from Oregon State University in Forest Resources with emphasis in remote sensing and GIS; MS 1995 from Oregon State University in Forest Management; JD 1979 from Columbia University School of Law; BA 1976 from Claremont McKenna College in Political Science. I have been on the faculty of Montana State University since 1998, where I am currently the Associate Professor of Remote Sensing and Director of the Spatial Sciences Center. Prior to returning to graduate school in 1993 to study remote sensing, I was a corporate lawyer in Los Angeles for 14 years. I am also Chair or the MontanaView remote sensing consortium, on the board of directors and treasurer of AmericaView, Inc., a national organization promoting remote sensing, on the Montana Land Information Advisory Council, and on the Northern Plains NEON steering committee. Professionally, I teach and conduct research in the areas of remote sensing, GIS, and spatial analysis. My research covers a broad range of remote sensing and spatial science applications, and I have published over 60 articles in these areas in the past decade. I have been a member of ASPRS since my student days at Oregon State University and, as director of the Montana State Spatial Sciences Center, would like to increase the integration of the northern portion of the Rocky Mountain Region into ASPRS-RMR.

### **Molly Thomas**

Molly is a Project Manager for Spectrum Mapping, located in Denver, Colorado. She has been with Spectrum since 2002 in varied capacities, initially learning about the industry through acquisition and production. Before she came to the mapping industry she worked on a small-scale watershed management GIS project for a non-profit in California, where she also gained two years of government contract management experience.

In her current role as Associate Project Manager Ms. Thomas ensures that all tasks in the project scope are adhered to and all contract specifications are met. She works closely with the production department to resolve technical and / or quality issues to ensure that all phases of the project meet with success. She serves as the liaison between Spectrum Mapping clients and in-house staff by setting priorities and providing technical direction for quality assurance tasks.

Ms. Thomas is currently responsible for the quality assurance and project management of remote sensing projects. As such she is responsible for cost and schedule planning, invoicing, managing budgets, identifying quality control issues, accuracy and density assessments, FGDC metadata production, and product delivery.

### **Brian L. Soliday**

Brian Soliday is Vice President of Sales for TerraGo Technologies, responsible for the sales of the MAP2PDF<sup>®</sup> software product suite and related services. Mr. Soliday has extensive experience working in sales, marketing and channel development for the geographic information systems (GIS) and remote sensing industries. Before joining TerraGo, Mr. Soliday worked for software providers SANZ and LizardTech as Vice President of Sales. Prior to that, he held the position of Executive Vice President, Global Sales and Marketing, at Space Imaging and as Director, GIS Channel Development, for Autodesk, Inc., the world's fourth largest application software organization. Mr. Soliday has also held other executive positions in the geospatial marketplace, including GIS Business Development Manager for Trimble Navigation, the world's largest provider of Global Positioning System (GPS) hardware and software, Director of Sales and Marketing for Genasys, and Director of Worldwide Sales for VL Systems, a developer of computer-aided design (CAD) software.

Soliday graduated summa cum laude with a Master of Arts degree in geography specializing in remote sensing and GIS in 1987, and earned a Bachelor of Science degree in geography in 1983. Both degrees were earned from the University of Nebraska at Omaha. Mr. Soliday attended UNO on an athletic scholarship and represented the 1981 Maverick football squad as Team Co-Captain. Soliday served the Rocky Mountain Region of ASPRS as President in 2004 and serves as a member of the Editorial Advisory Board for Geospatial Solutions Magazine. He also serves as the Colorado State Volunteer Chairman for the Rocky Mountain Elk Foundation, a national land conservation organization with over 150,000 members.

## → → → → Reminders ← ← ← ←

→Reservations for the Annual Dinner are due 15 January, see page 1.

→Ballots (next page) must be postmarked by 10 January.

**\* ANNUAL BALLOT \***  
**Election of ASPRS-RMR Officers for 2007**

For each office, vote for only one person. See [www.asprs-rmr.org/news.html](http://www.asprs-rmr.org/news.html) for biographical sketches of candidates. Mark an "X" to select nominated candidate or add write-in candidate of your choice.

**Office of President**

\_\_\_ Terry Ryan \_\_\_\_\_ Write-in

**Office of Vice-President**

\_\_\_ Victoria Provenza \_\_\_\_\_ Write-in

**Office of Secretary**

\_\_\_ Matt Bobo \_\_\_\_\_ Write-in

**Office of Treasurer**

\_\_\_ Shaun Callaghan \_\_\_\_\_ Write-in

**Office of Regional Director ("GIS in the Rockies" Committee - 2 yr.)**

\_\_\_ Matt Wood \_\_\_\_\_ Write-in

**Office of Regional Director (At-Large - 2 yr.)**

\_\_\_ Rick Lawrence \_\_\_\_\_ Write-in

**Office of Regional Director (Communications/Newsletter - 1 yr.)\***

\_\_\_ Molly Thomas \_\_\_\_\_ Write-in

**Office of Regional Director (General - 1 yr.)\*\***

\_\_\_ Brian Soliday \_\_\_\_\_ Write-in

\* **Regional Director (Communications/Newsletter):** Term has one year remaining, but is being vacated early by Jennifer Whitacre.

\*\* **Regional Director (General):** Term has one year remaining, but is being vacated early by David Opitz.

**Note: No vote is required for the following positions:**

**Past President:** Jeff Young (2006 President of RMR)

**National Director:** Allen Cook (3-yr. term; 2 years remaining)

**Regional Director** ("GIS in the Rockies" Committee): Trent Casi (2-yr. term; 1 year remaining)

**Mail completed ballot postmarked no later than 10 January 2007 to:**

ASPRS Rocky Mountain Region  
 PO Box 280834  
 Lakewood, CO 80228

## ASPRS – Rocky Mountain Region: 2006 Officers

President	Jeff Young SANZ Geospatial Solution Group Englewood, CO	Work: 303-495-6334 Fax: 303-814-0693 <a href="mailto:jyoung@sanz.com">jyoung@sanz.com</a>
Vice-President	Terry Ryan LizardTech Centennial, CO	Work: (303) 903-3604 Fax: (303) 703-3632 <a href="mailto:tryan@lizardtech.com">tryan@lizardtech.com</a>
Secretary	Victoria Provenza Spatial Technologies and Analytics Centennial, CO	Work: (303) 770-8251 <a href="mailto:Victoria@staaco.com">Victoria@staaco.com</a>
Treasurer	Mark Hess Ocean Imaging Inc Littleton, CO	Work: (303) 948-5272 Fax: (303) 948-5272 <a href="mailto:mhess@oceani.com">mhess@oceani.com</a>
National Director	Allen Cook Northrop Grumman Aurora, CO	Work: 720-744-7328 <a href="mailto:allen.cook@ngc.com">allen.cook@ngc.com</a>
Regional Director (GIS in the Rockies)	Trent Casi Harris Corporation Golden, CO	Work: (303) 215-1700 <a href="mailto:tcasi@harris.com">tcasi@harris.com</a>
Regional Director (GIS in the Rockies)	Roland Mangold Spectrum Mapping, LLC Denver, CO.	Work: (303) 298-9847 Fax: (303) 292-9279 <a href="mailto:rmangold@specmap.com">rmangold@specmap.com</a>
Regional Director (Communications/Newsletter)	Jennifer Whitacre Spectrum Mapping Denver, CO	Work: 303-298-9847 Fax: 303-292-9279 <a href="mailto:jwhitacre@specmap.com">jwhitacre@specmap.com</a>
Regional Director (General)	David Opitz Visual Learning Systems, Inc Missoula, MT	Work: (406) 829-3593 <a href="mailto:opitz@vls-inc.com">opitz@vls-inc.com</a>
Regional Director (At Large)	Richard W. Cooke ITT Visual Information Solutions Boulder, CO	Work: 303-413-3964 Fax: (303) 786-9909
Past President & GIS in the Rockies Advisory Board	Jaymes Pardue Infotech Enterprises America, Inc.	Work: 303-384-1925 Fax: 303-384-1926 <a href="mailto:jpardue@infotechsw.com">jpardue@infotechsw.com</a>
Communications Coordinator/Webmaster (not on the board)	Sheila Pelczarski Denver Water (MC 414) Denver, CO 80204	Work: 303-628-6511 Fax: 303-628-6852 <a href="mailto:sgp@denverwater.org">sgp@denverwater.org</a>