



asprs

THE IMAGING & GEOSPATIAL INFORMATION SOCIETY

~The Rocky Mountain Compiler~

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

GIS in the Rockies to Be Oct. 1-3

"Geospatial Integration Today for Tomorrow"

Planning for the 16th Annual GIS in the Rockies Conference is underway. The new Board of Directors has convened and selected the theme "Geospatial Integration Today for Tomorrow." The Conference will be October 1-3, 2003 at the Plaza at the Mart, a facility at the Denver Merchandise Mart. The program will be structured in a brand new format. Workshops and seminars, technical sessions and the exhibition will be on Wednesday and Thursday. Friday events will include technical tours and a golf outing at a course having carts equipped with GPS.

The ASPRS members of the GIS in the Rockies Board of Directors are **Jaymes Pardue** and **Mark Hess**. **Jaymes** is again taking up the task of Track Chair and **Mark** will be coordinating the events that will take place on the third day of the conference.

GIS in the Rockies 2003 Application Tracks include

- Introduction to GIS
- Vendor Show Case
- GIS, Education and Career Development
- Emerging Technologies
- Imagery and Remote Sensing
- Software / Integration
- GPS and Field Data
- Policy / Coordination
- Engineering and Infrastructure
- Public Policy and Administration
- Resource Management
- GIS for Homeland Defense

The call for papers has gone out. We invite you to submit an abstract for the Imagery and Remote Sensing technical session or any other session, workshop, or poster session at the conference. Share the ways you are integrating geospatial aspects of your Remote Sensing / GIS project "today for tomorrow." This may include data acquisition, software/technology, application specific projects or programs, analysis or decision making. We invite you to submit your abstract online at <http://www.GISintheRockies.org/abstracts>.

In addition to the Rocky Mountain Region of the American Society for Photogrammetry and Remote Sensing (ASPRS), other sponsoring societies are the Colorado Section of the American Congress of Surveying and Mapping (ACSM), the Rocky Mountain Chapter of the Geospatial Information Technology Association (GITA), the Professional Land Surveyors of Colorado (PLSC), and the Rocky Mountain Chapter of the Urban and Regional Information Systems Association (URISA). Each

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sponsoring society has two members on the Board of Directors. As mentioned above, ASPRS Board members are **Mark Hess** and **Jaymes Pardue**. Other Board members are **William Fuller** and **Paul Valdez**, ACSM; **Kim Paxton** and **Deb Wilson**, GITA; **Robert Boehm** and **Mike Greer**, PLSC; and **Simon Montagu** and **Bob Tucker**, URISA. **Keith Hangland** is an At-Large member. This year GIS Colorado is also contributing to the organization of the conference. **Rena Brand** and **Jarrod Skulavik** represent GIS Colorado as affiliate members of the Board. The Board has approved a contract with Cary and Associates to manage the exhibition, and **Tina Cary** is also an affiliate Board member. The officers of the GIS in the Rockies 2003 Board of Directors are **Keith Hangland**, Chair; **Mark Hess**, Vice-Chair, **Deb Wilson**, Treasurer; and **Kim Paxton**, Secretary.

For more information, visit the web site at www.GISintheRockies.org or contact Keith Hangland, Chair, at Chair@GISintheRockies.org

Intermap Technical Tour June 13

Our next technical tour will be Friday, June 13, 2003 at 2:00 pm at Intermap Technologies in Englewood, Colorado, near the Denver Tech Center and Centennial Airport.

Intermap's business is creating and licensing accurate digital descriptions of the surface of Earth. Intermap uses Interferometric Synthetic Aperture Radar (IFSAR) technology to produce map products for entire countries as well as smaller areas. These products provide a precise and accurate digital model of the Earth and serve a wide range of applications. Intermap has become the world's leading commercial supplier of Digital Elevation Models (DEMs), OrthoRectified Radar Images (ORRIs), and other map products derived from IFSAR technology. While Intermap's main processing facility is in Ottawa, Canada, some processing is also done in the Colorado office, which primarily houses executive, sales, marketing, and business development staff. A workstation will be set up to demonstrate the workflow that takes place in Canada.

The tour will include:

- * a walk-through of the processing facilities
- * a tour of the image gallery
- * a station with interactive 3-D displays

For more information about Intermap, visit their web site at www.intermaptechnologies.com.

Reservations are requested for this tour. Please RSVP with your contact information to sgp@denverwater.org or call **Sheila** at 303-628-6511 to reserve your space.

Incoming President's Message

It is hard to believe we are a quarter of the way through 2003 already. Can you believe it?! I am sure most of our fellow members of the Rocky Mountain Region would agree that it certainly is a busy time of year (Spring and Fall always the busiest). And you certainly don't have to go far to see and hear how much is happening around the world, as well as within our region, with respect to the mapping sciences and the role they play in all our lives.

This should be another exciting year for your local RMR! I'm proud of the work the past board has accomplished the last few years together and see only positive improvements over the next few years to come. Our current board certainly has a tall order and tradition to try and uphold after the RMR just found out we won the following awards from National for 2002:

- **Region of the Year Award** - 1st place for the second straight year!
- **Top Website** (www.asprs-rmr.org) - 1st place for first year this category has been recognized
- **Top Newsletter (Rocky Mountain Compiler)** - 2nd place for second straight year.

At this point I'd like to thank the board members who served their last term in 2002: **Jeff Liedtke** (Past President), **Jim Jensen** (GIS-Rockies), **Steve Schmitz** (Secretary) and **Kurt de Venecia** (Regional Director). We all appreciate your dedication and hard work over the past few years and wish you the best (in addition to a little reprieve) before seeing you get involved in new endeavors. I also warmly welcome the new faces on our board as well, including **Andrew Shepherd** (Secretary), **Mark Hess** (GIS-Rockies), **Stella Todd** (Regional Director) and **Ken Turnbull** (Regional Director). Once again our board is made up of a nice balance between Industry, Academia, and Government and together, with your help, we want to be the voice for all members within the region while we continue to strengthen and grow our 4-state area.

This year, our biggest focus will be in preparation for the National ASPRS Conference to be held in Denver in 2004. Because we do not want to have this detract from other RMR responsibilities and plans, we have set up a separate sub-committee with additional volunteers (and more still welcome!) to focus their effort on the many tasks ahead. Our other goals for the RMR in 2004 are to continue to try and find key supporters in Montana to help us establish a regional chapter, increase our scholarship awards, increase our regional membership, and help contribute to another successful GIS in the Rockies conference.

Get involved in your Rocky Mountain Region

Although this won't be the first (nor will it be the last) time you hear from a current ASPRS region president, I do encourage all members to get more involved in your local chapter this year. This can be accomplished in many ways, such as: attend board meetings, volunteer to help out for various local conferences, attend holiday party get-togethers, attend technical tours, help organize student or sub-region chapters, submit articles for newsletter / website, and/or simply call or send e-mail with any comments/suggestions/questions to any of the current board members. More than all the altruistic reasons to become more involved, it truly does represent good networking opportunities to get more involved – from industry, government, and academia alike. We should all be thankful to be ASPRS members living in the Rocky Mountain Region with such an abundance of remote sensing, photogrammetry, and GIS professionals and companies in this area.

National ASPRS Conferences

The **Annual National ASPRS Conference is in Anchorage, Alaska** this year and is quickly approaching (**May 5-9, 2003**). This year promises to be more focused than last year's conference in DC (which turned out to be the best-attended conference of all time since it was combined with FIG - the International Federation of Surveyors). It also appears to have a strong presence of Circum-Pacific presentations this year, drawing many international professional experts. Besides, if you can talk your employer into it, who wouldn't want to spend a week in Alaska! For more information, please go to ASPRS main website.

Also, keep in mind that the **fall ASPRS conference** is going to be in **Charleston, SC (October 28-30, 2003)** and for the first time ever is focused on digital terrain (elevation data) and 3-D visualization. The fall conferences, if you haven't ever attended them, are smaller in size than the Spring Annual Conferences. They are very focused, loaded with information, and always highly regarded by attendees.

And if you haven't heard, the **ASPRS National Conference in 2004** is being held in downtown **Denver at the Adams Mark Hotel (May 23-28, 2004)**. This location should certainly make travel costs a bit easier to manage for most of us in our four-state Rocky Mountain region and thus should be a must attend event for all of us! Planning is underway for this conference and the RMR has many responsibilities in helping National with this Conference and we could use your help. (Note: In recognition for our local region support of this National Conference, the local chapter will receive a small percentage of revenue received that will be

used for awarding more scholarships to students within our own region). The RMR board has set up a sub-committee being led by **Allen Cook** to assist with all the 2004 planning. See article in this newsletter for additional information.

Building Fund Drive

For the last three years the RMR, in conjunction with National, has been involved in a fund-matching program to retire the mortgage for the National headquarters. If all goes well we will be able to have a mortgage burning ceremony at the 2004 ASPRS National Meeting in Denver! The ASPRS-RMR has agreed to once again match tax-deductible contributions submitted by our members and National has agreed to match our contributions. So now is a good time to give a little something back and have the satisfaction to see your contributions quadrupled. The new ASPRS headquarters are housed in the Renewable Natural Resources Center on the grounds of the Grosvenor estate. The Center, being developed by the Renewable Natural Resources Foundations, is reserved strictly for non-profit organizations. Our National Director, **Allen Cook**, had the opportunity to visit our national headquarters building last year and described the headquarters as very impressive and a true asset and treasure to the Society. (See a picture on the RNRF site at <http://www.rnrf.org/>.)

Note: I plan on attending both the Anchorage and Charleston conferences this year and look forward to seeing many of you there. And as always, feel free to e-mail or call me at any time.

All the best!

Scott A. Bennett

President ASPRS-RMR 2003

sbennett@imagelinks.com

National Director's Report***2003 Convention in Anchorage***

Hopefully you have made your reservations and are planning to attend the 2003 ASPRS Annual Convention in Alaska, May 5-9. If not, accommodations are still available, and airfares to Anchorage are quite reasonable. Come on up! The convention will be excellent, with one of the largest technical programs ever offered at an ASPRS Conference. There are 450 technical papers planned, posters from over 30 nations, and a choice of several interesting technical tours. The Conference will be held in the Egan Convention Center, and the Conference hotel is the Hilton Anchorage, with other hotels close by. For additional

details, please visit the ASPRS website at www.asprs.org. Remember to catch up on sleep before coming, as the daylight period in early May is about 18 hours, and there is much to do!

2004 Convention in Denver

The Rocky Mountain Region has begun aggressive planning for the 2004 Convention, to be held in Denver May 23-28. The Convention Planning Committee has been formed, and has been meeting regularly for several months. Presently, we are working on the Conference budget, Conference logo and Preliminary Program. The Call for Papers has been finished, and will be released by ASPRS very soon. The theme for the Conference is "Mountains of Data → Peak Decisions", representing an effort to focus the conference on the great diversity of data available to users today, and the difficulty in turning that data into useful information that can be used in the management and decision making process. We have much to do by May of 2004, and welcome anyone in the region who is interested to join us on the Convention Planning Committee. We are particularly in need of a Committee Secretary! Committee members and contact information are:

Conference Co-Chairs

Allen Cook
720-963-6941
allen.cook@trw.com

John Parker
303-409-7755
john.parker6@baesystems.com

Secretary

Currently open - This could be you! Call Allen to volunteer.

Finance

Leanne Hanson
303-236-2730 x275
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Technical Program Co-Chairs

Jeff Liedtke
303-682-4983
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Roger Hoffer
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Brian Soliday
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User Days Co-Chairs

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Stella Todd
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Sheila Pelczarski
303-628-6511
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tcary@caryandassociates.com
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ASPRS Annual Dinner

Dinner Theatre? Picnic? Get together in some bar? Nope – This year we celebrated winning Region of the Year for the second straight year (even in advance of getting the announcement) at the very upscale McCormick's Restaurant in the historic Oxford Hotel in downtown Denver. Twenty-one people (RMR-region members with family and friends) attended the 2003 ASPRS-Rocky Mountain Region Annual Dinner on February 15, 2003.



A new Board of Directors is sworn in by former National President Tina Cary (not shown). From left to right are: Allen Cook, National Director; John Parker, Past President; Brian Soliday, Vice-President; Ken Turnbull, Regional Director; Leanne Hanson, Treasurer; Andy Shepherd, Secretary; Stella Todd, Regional Director; Mark Hess, Regional Director; Scott Bennett, President.

After a brief welcome, **Dr. Tina Cary** (as former National ASPRS President) was kind enough to induct the new ASPRS – RMR officers. Business was kept to a minimum as **John Parker** (2002 RMR President) passed the torch (with promise of boxes of ASPRS files to come) to **Scott Bennett** (2003 RMR President).

David Micale, 2002 graduate-student scholarship winner from the University of Wyoming, was kind enough to give us all a short presentation about his Master's Thesis. He outlined the remote sensing, field, and laboratory research he is conducting as part of studying the environmental impact of coalbed

methane development in Wyoming. Might be a tradition-in-the-making to have our scholarship winners work for their dinner and show up in order to receive their checks!



Scott Bennett, left, Scholarship Program Coordinator for 2002, congratulates David Micale and presents the graduate student award.

The dinner and evening were enjoyed by all and unfortunately ended way too soon as the restaurant needed to make room for the next party that evening (something we will be sure to avoid having happen to us next year!). We certainly encourage more of you to attend next year – a great, informal, social get-together for members and their guests.

Congratulations to ASPRS-RMR 2002 Scholarship Winners

After careful review and methodical scoring, the ASPRS-RMR scholarship committee has identified the winners of the annual Academic Scholarship for 2002. We are pleased to announce the following winners:

Undergraduate: Daisy Hebb (Geography Major), University of Montana, Missoula, Montana
Research Topic: Developing land cover classification as a part of a GIS assessment that looks at the role of anthropogenic forces on the environmental ecosystem on the island of Moorea (French Polynesia).

Graduate: David Micale (Geology Major), University of Wyoming, Laramie, Wyoming
Research Topic: Identifying surface effects of coalbed methane development at Spotted Horse Creek, Powder River Basin, Wyoming – A site assessment using change detection analysis of satellite multispectral data in combination with field and laboratory analysis.

Each of the winners received \$750 to advance their studies at their respective Universities. They were also invited to be guests of honor at our ASPRS

Annual Dinner. We encourage everyone to look forward to learning more about their research at upcoming ASPRS Conferences as they work on completing their research and degrees.

The academic scholarships were offered to both undergraduate and graduate students throughout the Rocky Mountain Region of ASPRS (MT, WY, CO, and NM) who exhibited academic excellence in photogrammetry, remote sensing and/or GIS. These scholarships are being offered each fall by the RMR of ASPRS to support academic research in the geotechnologies as well as to aid in travel costs in order to encourage student participation in ASPRS activities.

If you are a student who missed out on the opportunity this past year, then be prepared and look for the new scholarship applications being posted in the Fall term and/or contact Brian Soliday (bsoliday@sarsinc.com) for additional information. Make sure your advisor/instructor and department is on the mailing list and check www.asprs-rmr.org regularly for more details. Additional money and more scholarships will be offered in 2003 than ever before!

Scott A. Bennett (ASPRS-RMR President)

Note: This year the Scholarship Committee Chairperson is **Brian Soliday** (bsoliday@sarsinc.com) 303-250-5537. Scholarship applications will be sent out early in the Fall semester of 2003.

Welcome New Members!

Active Members:

Cody A. Benkelmen	John E. Deal
Christopher French	Bob Harrison
Brant Howard	Michael Lawson Oberg
Mark Rankin	Barry L. Roberts
Daniel R. Ross	Andrew Shepherd
Gail Stere	Ian Wells
Paul Welschinger	David W. Yip

Student Members:

Jennifer La Cava	Daisy Hebb
Christopher Michael Marko	David Micale
Diana T. Pedley	R. A. Reilley

Rio Grande Chapter News

The Rio Grande Chapter Board of Directors has been elected for 2003! This election was an easy one. According to the Constitution and By-laws, Article VIII—"The election of officers shall be held by mailed and/or written ballot whenever more than one candidate is nominated for any office." Nine candidates were nominated for the nine Director positions, so each of these candidates has been

"elected," as certified by the 2002 Chapter Secretary, **Chandra Bales**.

Thank you to our 2002 Directors, for giving their time and energy to the Chapter. We appreciate the interest from our candidates for the 2003 Director positions. Current and newly elected Directors held a Board Meeting in April to plan for the 2003 Annual Meeting introduce the new Directors to ongoing business, and elect new officers for 2003.

Our 2002 President, **Layton Hobbs**, has taken a new job in Dayton, Ohio, where he will be managing Woolpert's mapping operations. As he put it, this was simply "an offer I couldn't refuse". Layton did an outstanding job as President of the Rio Grande Chapter, and we will miss him – but he will miss the green chile! He promises to stay in touch and provide long-distance support. We wish him well in this new and exciting endeavor.

Ralph Campbell, our 2002 Treasurer, has chosen not to remain on the board this year due to schedule conflicts. Ralph has also done an excellent job setting up our bank accounts and contributing in many ways.

The Rio Grande Chapter held a quarterly meeting on Friday, April 18, in Albuquerque. Among other items of business, we introduced the 2003 Board of Directors and held election of officers. Here are the results:

Mike Racine - President
Janet Greenlee - Vice-President
Steve Scharf - Treasurer
Theresa Kuntz - Secretary/Communications Officer
 (with **Chandra Bales**)
Chandra Bales - Director
Chad Poole - Director
Clyde Hubbard - Director
Chris Godlewski - Director
Clay Mathers - Director

Join us at the Chapter Annual Meeting, which will immediately follow the NMGIC meeting on April 25. See <http://nmgic.unm.edu/nmgcmeet.html> for details.

Stay tuned for more information on upcoming technical tours and meetings. We welcome your participation!

Past President's message

Out with the old and in with new!

2002 was another great year for the Rocky Mountain Region. RMR was selected as the Region of the Year for the second year in a row! I am proud to say it was a true team effort. My thanks to the members

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and the board of directors for making the Rocky Mountain Region the pride of ASPRS.

Once again, GIS in the Rockies was a huge success last October. GIS in the Rockies is one of the premier regional conferences in the country. This success does not just happen by itself. It takes hard work and dedication from ASPRS and the other co-sponsoring professional societies to make it work. The quality of the technical sessions, the exhibits and attendees has just been outstanding.

2002 also saw Pecora 15 and the national fall ASPRS meeting come to the Rocky Mountain Region in November. This conference was also a big success, in part due to the support provided by our region. Having two very successful conferences in back-to-back months in the Rocky Mountain Region speaks volumes to the dedication our region has to the geomatics industry.

Serving on the Rocky Mountain Region Board of Directors the last two years as Vice President and President has been fun and challenging. It is just one of the great ways to be active and involved with the Rocky Mountain Region and I strongly recommend it as a way to be involved. I am looking forward to the final year of my term as the Past President.

Our big challenge for 2003 is to get ready for the Annual ASPRS National Meeting in May of 2004. Once again, the Rocky Mountain Region will be center stage for photogrammetry, remote sensing, and GIS. Helping get ready for ASPRS '04 is another great way to get involved with the Society. If you are interested, please feel free to contact one of the board members or **Allen Cook**, RMR National Director, who is our conference chairperson.

When I wrote the President's message for the *Compiler* last summer I had just driven past the Coal Seam Fire area in Glenwood Springs, Colorado. Seeing the remains of the fire and rugged steep terrain made me realize how much our industry contributes to managing forest resources and fighting wild fires. This spring I drove past the area again on my way to Moab, Utah for spring break with my family. While the burn area is still a prevalent sight, so is the new growth. It is the circle of life theme at work, out with old and in with the new. And so it goes with the President's office on the Rocky Mountain Board of Directors. Out with the old, that's me, and in with the new, that's **Scott Bennett**.

Let's all help Scott keep the Rocky Mountain Region the king of the ASPRS hill in 2003!

John Parker
 ASPRS-RMR Past President
john.parker6@baesystems.com

ASPRS - Rocky Mountain Region: 2002 Officers

This contact information is provided to make it easy for you to get involved

President	Scott Bennett ImageLinks, Inc. 1746 Cole Blvd, Suite 225 Golden CO 80401	Work: 303-215-1700 Fax: 303-278-0092 sbennett@imagelinks.com
Vice President	Brian Soliday SARS Inc. Erie CO	Work: 303-250-5537 Fax: 303-485-0100 bsoliday@sarsinc.com
Secretary	Andrew Shepherd Intermap Technologies, Inc. 400 Inverness Drive S., Suite 100 Englewood CO 80112-5847	Work: 303-708-0955 Fax: 303-708-0952 ashepherd@intermaptechnologies.com
Treasurer	Leanne Hanson U.S. Geological Survey-BRD P.O. Box 25046, MS-300 Bldg. 20, RM A-1419 Denver CO 80225	Work: 303-236-2730 ext. 275 Fax: 303-236-2733 leanne_hanson@usgs.gov
National Director	Allen Cook Northrop Grumman Mission Systems 200 Union Blvd., Suite 100 Lakewood CO 80226	Work: 720-963-6941 Fax: 720-963-6950 allen.cook@trw.com
Regional Director (GIS in the Rockies)	Mark Hess Director of Operations Rocky Mountain Region Ocean Imaging, Inc.	Work: 303-948-5272 Fax: 303-948-5272 mhess@oceani.com
Regional Director (GIS in the Rockies)	Jaymes Pardue EMERGE 19124 W. 60 th Lane. Golden CO 80403	Work: 303-384-1925 Fax: 303-384-1926 Cell: 303-475-4874 jgpardue@emergeweb.com
Regional Director (Communications)	Richard A. Vincent, CP Resource 21 4601 DTC Blvd., Suite 875 Denver CO 80237-2575	Work: 720-274-4025 Fax: 720-274-4036 rvincent@resource21.com
Regional Director (General)	Ken Turnbull PO Box 261872 Littleton CO 80163-1872	Work: 303-790-7070 Fax: 303-790-4864 Cell: 303-829-6916 ken@kenturnbull.com
Regional Director (At-Large)	Stella Todd Metropolitan State College of Denver Campus Box 22 PO Box 173362 Denver CO 80217-3362	Work: 303-556-3144 Fax: 303-556-4436 toddst@mscd.edu
Past President	John Parker BAE Systems 8400 East Prentice Ave., Ste 1500 Greenwood Village CO 80111	Work: 303-409-7755 Fax: 303-409-7748 john.parker6@baesystems.com
Communications Coordinator (not on Board of Directors)	Sheila Pelczarski Denver Water 1600 West 12th Avenue (MC 414) Denver CO 80204-3412	Work: 303-628-6511 Fax: 303-628-6852 sgp@denverwater.org



A lively group of active members, officers, friends and spouses enjoyed dinner and conversation at McCormick's Restaurant.

Annual Dinner Meeting - see story page 4



Left: Incoming President Scott Bennett talks about his hopes and plans for the Rocky Mountain Region in 2003.

Right: Our graduate student scholarship winner, David Micale of the University of Wyoming, gave a talk about his research project, which employs satellite imagery.

Web Site -- Job Listings & Events

The ASPRS-RMR web site www.asprs-rmr.org continues to improve. Check it regularly for new information including technical tours and other events. We are continually posting new job openings and will also post jobs being sought by our members. To post information, send it to sgp@denverwater.org

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