



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

ASPRS 2005 Annual Conference is Upon Us!

Geospatial Goes Global: From Your Neighborhood to the Whole Planet

When: March 7-11, 2005, Baltimore, Maryland

Where: Baltimore's Inner Harbor

The ASPRS 2005 Annual Conference is upon us! The Conference begins March 7th and runs through the 11th, at the Baltimore Marriott Waterfront Hotel. This conference, "Geospatial Goes Global: From Your Neighborhood to the Whole Planet," will focus on new capabilities and technologies needed to succeed as we enter an era where geospatial information increasingly impacts local, national and planetary decisions. The Conference organizers will present an interesting program to professionals in all aspects of remote sensing, geographic information systems, land and natural resources management, environmental management, photogrammetry, LIDAR and IFSAR mapping, charting, and geodesy. You will learn about the latest instruments, analysis techniques and sources for "geospatial" data and how their use and applications can range "From Your Neighborhood to the Whole Planet." Interact with industry colleagues, see products from 100+ vendors and get hands-on knowledge of new hardware and software applications.

If you are unable to attend the Spring Conference in Baltimore, the ASPRS Fall Conference is just around the corner! "Global Priorities in Land

Remote Sensing" will be held October 23-27, at the Sioux Falls Convention Center in Sioux Falls, SD. This will be a smaller conference, but an excellent location with a timely topic. It is only a day's drive from most of the Rocky Mountain Region, so plan to make the trip!

Change of Venue for 18th Annual GIS in the Rockies Conference, September 21-23, 2005

Planning for the 18th Annual GIS in the Rockies conference is off to an exciting start with the selection of INVESCO Field at Mile High as the venue. The 2005 Planning Committee selected the theme "The Geospatial Revolution: A Whole New View" to convey the revolutionary benefits organizations reap when they map their assets, customers and suppliers. The conference will be held September 21-23, 2005. The program will

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include workshops and seminars, technical sessions, a job fair and the exhibition on Wednesday and Thursday. Friday events will include tours of local businesses or agencies, a geocaching event and a golf outing. In addition to the traditional program elements, several new elements are being organized to both reflect and further stimulate the growth of geographic information systems in the Rocky Mountain Region.

The six organizing societies are:

- Colorado Section of the American Congress on Surveying and Mapping (ACSM)
- Rocky Mountain Region of the American Society for Photogrammetry and Remote Sensing (ASPRS)
- Rocky Mountain Chapter of the Geospatial Information Technology Association (GITA)
- Professional Land Surveyors of Colorado (PLSC)
- Rocky Mountain Chapter of the Urban and Regional Information Systems Association (URISA)
- GIS Colorado

Each sponsoring society has two voting members on the Planning Committee: **Karen Meckel** and **Douglas Ort**, ACSM; **Roland Mangold** and **Jan Van Sickle**, ASPRS; **Pamela Coonrod** and **Cherie Terrel**, GITA; **Mike Greer** and **Peter Kent**, PLSC; **Karen Brandt** and **Chris Longo**, URISA; **Brian Goodack** and **Jim Martin**, GIS Colorado. **Milly Powell** and **Ken Turnbull** are at-large members of the Planning Committee. The officers of the GIS in the Rockies 2005 Planning Committee are **Karen Brandt**, Chair; **Brian Goodack**, Vice-Chair; **Milly Powell**, Treasurer; and **Karen Meckel**, Secretary.

Each sponsoring society is developing a program track to ensure the conference offers value to the members of all segments of the geotechnology community.

For more information, visit the web site at www.GISintheRockies.org or contact **Karen Brandt**, Chair, at Chair@GISintheRockies.org.

GIS in the Rockies Issues Call for Papers

The theme for GIS in the Rockies this year is "The Geospatial Revolution: A Whole New View." Abstracts for technical sessions, seminars, workshops, forums, vendor showcases, field trips or posters are due **April 1, 2005**. For a description of the conference tracks, go to:

<http://www.gisinthetrockies.org/abstracts/>
or contact **Doug Ort** at dougort@engisurv.com.

Incoming President's Message

It is a privilege and an honor to serve the Rocky Mountain Region of ASPRS. Our region has now grown to over 400 members. We are fortunate to be located in one of the epicenters of our geospatial profession, although it also creates unique challenges. We are now one of the most active of ASPRS' 17 regions and have been recognized by our professional peers for our commitment to scholarship, learning, leadership and value, and for our active membership.

This being my fourth year on the Board of Directors, I have had the benefit of working with many great individuals. Without them our record of success just wouldn't be the same. It is with their inspiration, their guidance and the pressure of keeping the region-of-the-year streak alive to five, I take the helm. I would like to personally thank the board members who faithfully served their terms in 2004 and the many volunteers who contribute yearly to our programs.

This will be another exciting year for the RMR. The 2005 RMR Board of Directors is actively involved in developing technical programs, meetings and other activities to generate additional interest at the regional level. Participation from our membership continues to grow and we welcome any input from the members on what type of value the ASPRS professional organization can provide. Feel free to contact any of the RMR Board with any input/ideas at <http://www.asprs-rmr.org/officers.html>. Let us know what we are doing right and especially what we are doing wrong.

I'm proud of the work the past board has accomplished over the last few years together, and I foresee positive improvements over the next few years. We will continue our strong focus on membership outreach and membership development at the local level. The Rio Grande Chapter of the RMR continues to grow and prosper. RMR launched a new student chapter at Denver University and the University of Wyoming this past winter. Our other membership goals for the RMR in 2005 are to continue to try and find key supporters in Montana, Wyoming and the Western Slope of Colorado to help us establish regional chapters, increase our scholarship awards, increase our regional membership, and help contribute to another successful GIS in the Rockies conference. Scholarship programs will continue to be a big focus for the region in 2005.

Again, I encourage all members to get more involved this year. This can be accomplished in many ways, such as: attend board meetings, volunteer to help at various local conferences, attend holiday party get-togethers, attend/sponsor technical tours, help organize student or sub-region chapters, submit articles for the newsletter/website, and/or simply call or send email with any comments/suggestions/questions to any of the current board members. If you haven't joined your fellow ASPRS-RMR members in one of the recent Rogues Night Out events, you are definitely missing the fun. These informal "gatherings" are designed for geospatial professionals (and others) to meet each other, chat, share industry information, and network. If you are not on the e-mail list for these events, please send your e-mail address to Ken Turnbull at kenturnbull@earthlink.net. If you are on the list and haven't made it to one of the events, you owe it to yourself and your professional development to attend.

In closing, the strength of any organization is measured in the quality of its membership at large. We, as a regional board of directors, exist to service the needs of you – the member – to make your experience with ASPRS a long and valuable one. I know that you believe like I do that we belong to a tremendous professional society with enormous potential. Please join me in the following activities to ensure a greater future:

- Encourage friends and colleagues to become members and, more importantly, get involved!
- If you are a professional or active member, encourage your company to become an ASPRS Corporate Member.
- If you are a student, get involved with your student chapter at your college or university. If you don't have a student chapter...start one!

I hope to meet many of you in the near term. As always, feel free to e-mail or call me.

Jaymes Pardue

President ASPRS-RMR 2005

jpardue@vargis.com

National Director's Report

This year's ASPRS Annual meeting has kept me pretty busy. ExCom meets on Sunday, March 6, followed by a full week of meetings and activities at the Conference and concluding with the Board of Directors meeting on Friday, March 11. I co-chair the Convention Planning and Policy Committee where we will be planning upcoming meetings.

As of today, the schedule is:

October 2005	Sioux Falls, SD
April 2006	Reno, NV
November 2006	San Antonio, TX
May 2007	Tampa, FL
Fall 2007	TBD
April 2008 TBD	Portland, OR
Fall 2008	TBD
March 2009 TBD	Baltimore, MD
Fall 2009	TBD

You will note that the fall conferences after 2006 are currently TBD. We have proposals that are in the works but have not determined the dates and locations yet.

As a result of the Rocky Mountain Region asking to use the ASPRS mailing list to send announcements for GIS in the Rockies, we discovered that ASPRS does not have a clear e-communications policy. Consequently, I volunteered to draft one. This will be reviewed at the Convention Planning and Policy Committee, the Region Officers and Directors meeting, and (most likely) at the Board meeting.

In between everything else, I hope to attend a few technical presentations this time!

Allen Cook

National Director ASPRS-RMR

Annual Dinner Meeting a Huge Success!

Nearly 50 Rocky Mountain Region members and guests attended the Annual Dinner Meeting on Saturday, February 22, at the Broker Restaurant in downtown Denver. The atmosphere was conducive to mingling and the food and service were excellent; it was obvious that everyone was having a great time. A large contingent of students was present, most from the University of Wyoming and a few from Colorado State University, the University of Denver and the University of Colorado. All but one of the eight scholarship winners were present to accept their award checks from our Incoming President **Jaymes Pardue**. Outgoing President **Brian Soliday** talked about the activities and accomplishments around the Region during the past year, including the establishment of new Student and State Chapters. Brian presented awards for outstanding service to the following Board and active members.

- **Allen Cook** was recognized for his work in chairing the 2004 ASPRS Conference Planning Committee in Denver
- **Mark Hess** and **Ken Turnbull** were recognized for their work on the GIS in the Rockies Conference Planning Committee
- **Sheila Pelczarski** was recognized for her efforts in managing the RMR web site
- **Jaymes Pardue** was recognized for membership services
- **Roger Hoffer** and **Jeff Liedtke** were recognized for Excellence in Technical Program Coordination for the 2004 National ASPRS Conference.

Ken Turnbull was also recognized for his efforts in organizing the Rogues Night Out networking social events in Denver, as well as his efforts to match employers with those professionals who are searching for jobs. He has given generously of his time and money to keep local professionals in touch with each other and to encourage active participation in the various professional geospatial organizations. He was presented with "Rogues" gear (hats, coffee mugs, beer glasses, and a banner) designed for a brewery in Oregon by the same name.

Incoming President **Jaymes Pardue** talked about his plans for 2005, especially in the areas of encouraging new membership and continuing the establishment of new Student Chapters. He then introduced the new officers who were sworn in by **Tina Cary**, past National ASPRS President and ASPRS Fellow.



Dinner at the Broker.



Fellow RMR members networking after the wonderful dinner.

Regional Board of Directors Election Results

After a record return of ballots for this year's election your voices have been heard! Please join us in welcoming the new members of the Rocky Mountain Region 2005 Board of Directors. The Board of Directors information is provided on the last page for your reference in an effort to encourage your communication and participation in regional events. We hope to hear from you.



From left to right, Brian Soliday – Past President, Bryan McFadden – Vice President, Jennifer Whitacre – Regional Director Communications and Newsletter, Jan Van Sickle – Regional Director "GIS in the Rockies" Conference, Jaymes Pardue – 2005 President, Mark Hess – Treasurer, Terry Ryan – Secretary, Roland Mangold – Regional Director "GIS in the Rockies" Conference, Jeff Young – Regional Director, Richard Cooke – Regional Director at large.

Congratulations 2004 Scholarship Winners!

This was a record year for scholarship awards for the RMR region in 2004! After a careful review and scoring of all the applications, **the ASPRS-RMR Scholarship Committee awarded \$6,500 in Academic Scholarships for 2004.** Each of the winners received a cash scholarship to advance their studies at their respective educational institution. We are pleased to announce the following winners:

Name	College/University	Award
Erin Peterson	Colorado State	\$1,500
Kirk Sherrill	Colorado State	\$1,000
Darell Freeman	University of Wyoming	\$1,000
Sudhir Shrestha	University of Wyoming	\$1,000
Philip Riggs	Colorado State	\$500
Angela Cockrell	University of Wyoming	\$500
Hannah Griscom	University of Wyoming	\$500
Alice Moy	University of Denver	\$500

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 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 **Bryan McFadden** 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. We had a limited number of applications from undergraduate students this year, so please take the initiative and apply!

Jaymes Pardue (ASPRS-RMR President)
 Note: This year the Scholarship Committee Chairperson is **Bryan McFadden** (bmfadden@spaceimaging.com)
 303-254-2000.

Scholarship applications will be sent out early in the fall semester of 2005.



Student Scholarship winners

ASPRS-RMR Student Rebate Announcement

Students – Free Money!!!! Do I have your attention? In an effort to support our future colleagues at our institutions of higher learning, the Rocky Mountain Region (RMR) of the American Society for Photogrammetry and Remote Sensing (ASPRS) is proud to announce our new student rebate program on yearly membership dues for 2005!

This rebate is intended to encourage students like you to begin your careers in our professional society. Previously this program was instituted to help new student chapters establish membership goals. This program has become so successful that we have decided to make it available to all new potential student members.

Here's how it works. Simply complete a membership application online at <https://www.asprs.org/application/> or request one by mail. Provide your membership fee of \$45 to our National office. Upon notification from our National office that your membership application has been accepted, the RMR region will send you a rebate check of \$20. That's a savings of almost 45%!

We welcome your active involvement in the society, at whatever level you feel comfortable. Please feel free to contact me if you have an interest or any additional questions.

Bryan McFadden
 Vice President – Membership
 303-254-2000
bmfadden@spaceimaging.com

ASPRS Rio Grande Chapter News

Rio Grande Chapter Spring Meeting, March 25

The RGC Chapter is happy to announce its Spring Meeting, which will be hosted by Center for Rapid Environmental Assessment & Terrain Evaluation (CREATE) at the University of New Mexico (UNM). CREATE, funded in February 2003 under an FY03 Federal Appropriation to NASA, is headquartered on the campus of UNM. The Center acquires real-time remotely sensed data from environmental satellites and integrates this data within CREATE's analytic and computational facilities. CREATE provides rapid assessment of changing environmental conditions specifically in the State of New Mexico and generally across a region ranging from central Mexico on the south to southern Canada on the north and from the Mississippi River on the east to the Pacific Ocean on the west. The meeting will be held on March 25; details will be forthcoming.

See <http://www.unm.edu/~create/index.htm> for more information on CREATE.

RMR Student Chapter News

RGC-sponsored student chapters at New Mexico State University (NMSU) and University of New Mexico (UNM)

The NMSU ASPRS Student Chapter is being revived and will meet along with the Geography Department's Geography Club. The first meeting took place in January, and several activities are being planned. Faculty sponsor is **Dr. Christopher Brown**, and the ASPRS-RGC representative is **Janet Greenlee**. Progress is being made on defining objectives, recruiting members, and researching how other student chapters are organized and what their activities are.

At UNM, **Theresa Watson**, **Amy Hoepfner**, and **Heather Richards** are investigating student enrollment and involvement in ASPRS, and the formation of a Geography Club is being encouraged.

The Rio Grande Chapter voted to continue to offer a \$10 rebate for all new student members. This is in addition to the \$20 rebate that ASPRS-RMR is providing.

Snowy Range ASPRS-RMR Student Chapter

The initiation and establishment of the ASPRS student chapter at the University of Wyoming (UWYO) on November 19, 2004, received great enthusiasm and support from the students and the faculty members.

The Snowy Range Chapter has made plans to organize several activities to get more UWYO students involved and aware of the research opportunities in the GIS and Remote Sensing field. Plans include organizing talks from guest speakers in support of ASPRS-RMR, Wyoming Geographic Information Science Center (WyGISC) and faculty members of UWYO; a campus-wide treasure hunt; a competition of remote sensing as an art; a field trip to Jelm Mountain observatory; and a cross-country ski trip. Also, we will be launching our website in March 2005, which will be an asset for communication and information flow.

The new student officers are:

Sudhir Raj Shrestha (President): Graduate student
Darrel Freeman (Vice-president): Graduate student
Tracy Baldyga (Secretary): Graduate student
Angela R. Cockrell (Treasurer): Graduate student
Collen Boodleman (Outreach coordinator): Undergraduate student

The first ASPRS guest speaker series began on February 24, 2005. **Dr. Ramesh Sivanpillai**, research scientist from WyGISC, gave the talk. He spoke about the opportunities for Remote Sensing Research and discussed possible alternatives to Landsat. Participation was much higher than expected.

It would not be possible to run this society without support of our faculty advisors, ASPRS student officers and ASPRS-RMR. We all are excited and hopeful that this new chapter in our university will play a key role in contributing towards GIS Science and Remote Sensing.

Sudhir Raj Shrestha

President

Snowy Range ASPRS-RMR student chapter of University of Wyoming



ASPRS guest speaker Dr. Ramesh Sivanpillai



Establishment of ASPRS student chapter at the University of Wyoming

Colorado State University Chapter News

The GIS Club at Colorado State University was rekindled in the fall semester 2004 after two years of dormancy since the retirement of its long-term faculty advisor **Roger Hoffer**. The club's new faculty advisor is **Melinda Laituri**. There were two introductory meetings to make the club's existence known to the campus and to elect club officers. The president is **Cinda Murdock**, who is getting her Master's degree in Watershed Science specializing in Geographic Information Systems. The vice-president is **Mike Vincent**, who is getting his Bachelor's degree in Zoology. The treasurer is **Ryan Pruett**, who is getting his Bachelor's degree in Forestry. Both Mike and Ryan are minoring in Spatial Information Management Systems.

The club's first speaker was **Joe Berry**. He gave an interesting talk on "Optimal Routing and Corridor Analysis: Infusing Stakeholder Input within a Collaborative Environment." Our second speaker was **Ron Brush** who gave a talk to a standing-room-only audience on "How to Get a Job in GIS."

Cinda Murdock
President

USGS Optical Science Lab Needs Assistance

The United States Geological Survey (USGS) Optical Science Laboratory (OSL) has been providing calibration services for the airborne film mapping industry since 1973 and is considered to be the only certified analog film camera calibration resource in the United States. This work is critical to the national survey and must be continued by the USGS into the foreseeable future.

The photographic multi-collimator calibration process relies on emulsion-coated glass calibration plates. Currently, the USGS is struggling to obtain replacement glass plates, or a replacement film-based product, to be used in the calibration process.

The USGS is seeking sources from which to procure glass plates with the proper emulsion coating, especially with respect to emergency suppliers of emulsion-coated glass plates, or a facility that could recoat our current glass inventory. Related process ideas and recommendations are welcome.

The following URL provides additional information related to this process and the need for photogrammetric calibration plate replacement:
<http://calval.cr.usgs.gov/GlassPlates.doc>

Please contact the USGS representative below if you have any support information that you feel may be helpful:

Gregory L. Stensaas

Remote Sensing Systems Characterization Manager
USGS EROS Data Center, Mundt Federal Building
47914 252nd Street
Sioux Falls, SD 57198
stensaas@usgs.gov
(605) 594-2569 (voice)
(605) 594-6906 (fax)

Welcome New Members

*Mrs. Angela Cockrell
*Mr. Jim Cook
Mr. Stephen J. Fenton
*Mr. Darrell Freeman
*Mr. Mark Leach
*Ms. Alice Moy
Mrs. Victoria Provenza
*Mr. Phillip D. Riggs
Dr. Kurt Roettiger

*Student Member

Job Postings!!!

The job opportunities out there are really picking up! If you haven't checked out the Job Listings page on our RMR web site lately, what are you waiting for? We currently have 12 great jobs posted. There are many new opportunities out there!!

Check out the Rocky Mountain Region Jobs Listings at www.asprs-rmr.org/jobs.html.

ASPRS – Rocky Mountain Region: 2005 Officers

President	Jaymes Pardue VARGIS LLC	Work: 303-384-1925 Fax: 303-384-1926 jgpardue@vargis.com
Vice-President	Bryan McFadden Space Imaging Thornton, CO	Work: 303-254-2192 Fax: 303-254-2029 bryan.mcfadden@spaceimaging.com
Secretary	Terry Ryan LizardTech	Work: (303) 903-3604 Fax: (303) 703-3632 tryan@lizardtech.com
Treasurer	Mark Hess Ocean Imaging Inc Littleton, CO	Work: (303) 948-5272 Fax: (303) 948-5272 mhess@oceani.com
National Director	Allen Cook Northrop Grumman Mission Systems Lakewood, CO	Work: 720-744-7328 allen.cook@ngc.com
Regional Director (GIS in the Rockies)	Jan Van Sickle Van Sickle LLC Denver, CO	Work: (303) 915-4669 Fax: (303) 254-2213 hoagy@ix.netcom.com
Regional Director (GIS in the Rockies)	Roland Mangold Spatial Resources, LLC Littleton, CO	Work: 303-721-9042 roland.mangold@comcast.net
Regional Director (Communications/Newsletter)	Jennifer Whitacre Spectrum Mapping Denver, CO 80202	Work: 303-298-9847/ 315 Fax: 303-292-9279 jwhitacre@specmap.com
Regional Director (General) Director	Jeff Young Leica Geosystems GIS & Mapping Division Englewood, CO	Work: 303-799-9453 / 16 Fax: 303-799-4809 Jeff_young@gis.leica-geosystems.com
Regional (At Large)	Richard W. Cooke Research Systems, Inc Boulder, CO	Work: 303-413-3964 Fax: (303) 786-9909 rwcooke@rsinc.com
Past President	Brian Soliday LizardTech Erie, CO	Work: 303-250-5537 Fax: 303-485-0100 bsoliday@lizardtech.com
Communications Coordinator/Webmaster (not on the board)	Sheila Pelczarski Denver Water (MC 414) Denver, CO 80204	Work: 303-628-6511 Fax: 303-628-6852 sgp@denverwater.org