



THE IMAGING & GEOSPATIAL INFORMATION SOCIETY

~The Rocky Mountain Compiler~

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President's Message

First of all, I wish to express our sincere best wishes to **Jeff Liedtke**, outgoing President, in his new position at ESRI in California. We greatly miss having him here in the Rocky Mountain Region steering a successful course for ASPRS with numerous Region activities, scholarship programs, technical tours, great conferences and his help to make the Rocky Mountain Region (RMR) one of the best within ASPRS. Thank you **Jeff Liedtke**!

Second of all, I would like to thank the members of the Board of Directors (BOD) of the RMR for placing their faith in me and appointing me the interim President of the RMR BOD. I feel that I have a huge role to fill after Jeff's resignation and move to California.

One thing is certain; my goal is to continue the efforts and programs that Jeff put forth at the beginning of the year. We have had some very successful events so far under Jeff's leadership. The Career Night at the Tivoli, co-sponsored with GITA, URISA and GIS Colorado, was a huge success. Extra chairs needed to be brought in for the "overflow" crowd of students and professionals looking for advice from experts in the fields of mapping, remote sensing and photogrammetry. Jeff also organized and/or pushed forward technical tours of Digital Globe and NOAA. The tour at Digital Globe included Mission Control, Mission Planning and

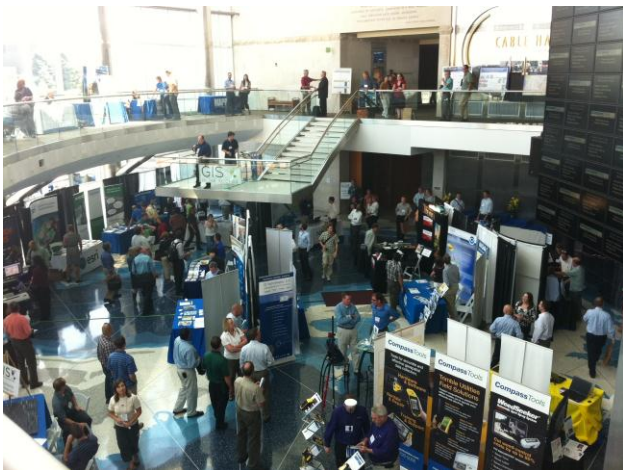
Orthoimage Production. The tour at NOAA included Space Weather Prediction, the National Weather Service, National Geophysical Data Center and Science on a Sphere with demonstrations using the sphere to show the effects of the Tsunami generated by the Japan earthquake and also ocean temperature monitoring, highlighting El Niño and La Niña, both in a time-lapse motion that made it very interesting to observe the global nature of these events.

This year's GIS in the Rockies conference was held at the Cable Center at the University of Denver campus area of south Denver. The exhibit hall is dramatic and within a two-story atrium area, bringing exhibitors close to each other and allowing for an excellent concentration of exhibits (rather than being spread out in various halls). The ASPRS-RMR hosted a track of very interesting presentations under the theme, "Recent Advances in Remote Sensing and Photogrammetry and Allied Geospatial Sciences and Technologies." The 12 presentations

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were very informative and covered such topics as image analysis, push-broom line scanners, mobile LIDAR mapping, aerial LIDAR mapping, GIS ortho change detection and historical image orthorectification. Former Rocky Mountain Region board member **Dr. Jan Van Sickle** gave a presentation on lidar use in oil and gas applications and was the keynote speaker for the conference. Thank you **Dr. Jan Van Sickle!** I would also like to extend a huge thank you to ASPRS-RMR Board members **Niki Noon** and **Ralph Vomasse** for their many hours of volunteer time to help make this event a big success.



GIS in the Rockies exhibits at the Cable Center.

Upcoming events include the National ASPRS Fall Conference. This conference will be the 18th William T. Pecora Memorial Remote Sensing Symposium. The conference series was started by USGS and NASA to promote the exchange of ideas centered on remote sensing and the Landsat program. The conference continues to hold a strong satellite remote sensing track but also fosters technical programs around aerial remote sensing and has meetings that are open to all participants in other areas, such as new advances in LIDAR, and Mobile and Terrestrial Mapping. This conference will be November 14 to 18th in Herndon, Virginia.

Meanwhile, closer to home, we hope to plan an event for all to participate on or around the Esri GIS Day. Stay tuned to the Rocky Mountain Region website for news on the GIS Day event.

Finally, I just want to let you all know that there is always room for members to get involved with planning and to submit ideas for ASPRS Rocky Mountain Region activities. If you would like to submit ideas for technical sessions, webinars, events and activities or volunteer your time, please don't hesitate to contact me. I can be reached at mstanton@pixxures.com or by cell phone, 303-941-

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3852. I am open to all forms of feedback and welcome all suggestions.

I also wish to express here a profound gratitude to **Jeff Young** and his very engaging level of commitment to the Rocky Mountain Region and ASPRS in his role as our Region's National Director. Jeff Young has the respect and admiration of not only our Region Board but also the ASPRS National Board, the Executive Board and the Administrative Staff. Your ideas, wishes and feedback can be brought to us here in the Rocky Mountain Region and will also have a voice and strong representation throughout the ASPRS through Jeff's involvement at the local and national levels. Jeff can be reached anytime at jyoung@lizardtech.com.

Wishing you all success in your Remote Sensing and GIS endeavors!

Mark Stanton
President, ASPRS-RMR

National Director's Report

ISPRS---Bringing Value to Our World

I recently attended an ISPRS symposium on Advances in Geospatial Technologies for Health in Santa Fe and was truly impressed with the quality and breadth of the participants; this was indeed a big science program. Formally this was a meeting of ISPRS Commission VIII, Working Group 2, Remote Sensing Applications and Policy: Health. The Mission of the Commission is as follows (see <http://isprs-wg8-2.unm.edu/>):

As a new working group in Commission VIII, we are focused on applications of remote sensing and other Earth observing technologies to understand how the natural environment contributes to environmental (asthma, cholera, meningitis, malaria, yellow fever) and infectious/zoonotic (AIDS, TB, influenza, gastroenteritis, plague) diseases. One of the areas of interest is identifying Earth observing data that are used to improve models and to enhance surveillance systems, decision support tools, and early warning systems. The working group also aims to reach out to colleagues not only in the scientific community, but also in the health and well-being communities of practice to begin a dialog and share information between these two communities. This mission is supported by the working group's terms of reference and a variety of ISPRS and other related venues and opportunities.

We are very well represented on the Commission in our region by **Amelia M. Budge**, who serves as Chair and **Stanley A. Morain**, who serves as Secretary. Both are part of the Earth Data Analysis Center at the University of New Mexico which has been a spawning ground of some great research over the years (see <http://edac.unm.edu>). I suggest you invest some time in tracking the progress of the Working Group and the results of its efforts. The members are bringing value to our world in the area of applying advanced geospatial technology for improving health globally.

I look forward to seeing many of you at the Pecora 18 in Herndon, Virginia this November 14 to 17.

Regards,

Jeffrey M. Young

National Director, ASPRS-RMR

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Region 2012 Scholarship Announcement

In its continuing efforts to support and build awareness for the Remote Sensing and GIS sciences, the Rocky Mountain Region of ASPRS is proud to announce its academic scholarships for 2012. The ASPRS-RMR offers scholarships to deserving undergraduate and graduate students every year. There will be at least one scholarship awarded (assuming sufficient applications are received) in the amount of **\$500 (undergraduate) or \$1,000 (graduate) each**. The scholarships are intended for students throughout the Rocky Mountain Region (Colorado, Montana, New Mexico, and Wyoming) who demonstrate excellence while pursuing careers in the fields of Photogrammetry, Remote Sensing, and Geographic Information Systems (GIS) or related disciplines. Both undergraduate and graduate students of any third-level educational institution within the four-state region who are pursuing careers in these disciplines are encouraged to apply.

Application deadline is December 2, 2011 (must be **received at the PO Box** or submitted electronically by this date).

Download the application from
<http://www.asprs-rmr.org>.

Student membership in ASPRS is not required to apply, but if selected, membership is required at time of scholarship award. Awards will be presented at the ASPRS-RMR Annual Dinner Meeting in January 2012. We've consistently offered thousands of dollars in annual scholarships and this year will be no

different! Preference will be given to those studies that apply sound scientific principles to practical applications and/or to those presenting their work at an ASPRS-sponsored conference. Awards at both the undergraduate and the graduate levels are based on academic merit; that is, the application form does not request any personal financial data. For more information, please contact **Ramesh Sivanpillai**, ASPRS-RMR Vice-President, at 307.766.2721 or at sivan@uwo.edu (preferred).

Nominations for Board Elections

ASPRS-RMR is currently accepting nominations for the upcoming Board Member Elections. The following positions will be open for the 2012 – 2013 term: President (one year); Vice President (one year); Secretary (one year); Treasurer (one year); National Director (3 years); Regional Director – GIS in the Rockies) (2 years); Regional Director – General (2 years); Regional Director – Communications/Newsletter (2 years). Volunteers are also needed to help with newsletter production and website maintenance.

Volunteering is an excellent way to contribute to the expansion of the geospatial community throughout the Rockies. Board membership allows individuals to lead the convergence of ideas and technologies, connect with peers, communicate with our membership, and contribute to these kinds of collaborations. We will publish the nominations and announce the election in the Winter issue of the Rocky Mountain Region *Compiler*.

If you are interested in running for a position, would like to nominate one of your peers, can help with the newsletter or website, or if you have questions about being a Board Member, please contact any of the [Regional Officers listed on the website](#).

Pecora 18: November 14–17, 2011

(see <http://pecora.asprs.org/> and http://asprs.org/pecora18/conference_overview.php)

The Pecora Symposium series was established by the USGS and NASA in the 1970s as a forum: 1) to foster the exchange of scientific information and results derived from applications of remotely sensed data to a broad range of land-based resources; and 2) to provide a forum for discussing ideas, policies, and strategies concerning land remote sensing. Nearly forty years ago, the launch of Earth Resources Technology Satellite-1 (now known as Landsat 1) fulfilled **William Pecora's** vision for civilian space-based observations of the Earth.

Pecora 18 celebrates his vision with the theme "Forty Years of Earth Observations: Understanding a Changing World." The symposium focuses on how 40 years of Landsat and other Earth observation missions have influenced our understanding of the changing Earth, and contributed to improving information needed for managing our natural resources. Special emphasis will be given to the current state of the Landsat program such as the free data revolution and the upcoming launch of the Landsat Data Continuity Mission. Lessons from the past and present serve as the foundation for looking toward the next generation of operational land remote sensing.

Student Rebate Offer

ASPRS Rocky Mountain Region will reimburse \$20 of the \$45 cost of student membership, so your net cost is only \$25 for all the benefits of membership in the Society!

Download Student Membership Rebate Form at <http://www.asprs-rmr.org/news.html>. Here's the best part: this offer from the Region is good for every year you are a full-time student!

GIS in the Rockies Report

The 24th annual GIS in the Rockies conference was held at a new venue this year, The Cable Center at the University of Denver. The venue is conveniently located with Interstate 25 and a light rail station nearby, and a parking lot right next to the building. Events included workshops, keynote speaker **Jan Van Sickle**, student breakfast, technical presentations, posters, booths for organizations and companies, job fair, evening social, and tours.



GIS in the Rockies exhibits at the Cable Center.

The ASPRS technical presentations were interesting and well attended. This track offers a great

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opportunity for companies, organizations and students to showcase their remote sensing projects.

ASPRS RMR had a table in the upper level. Society information, copies of the Summer *Compiler* newsletter and PE&RS journal, and membership forms were available. Several ASPRS members volunteered to staff the table and speak to current and future members.

Welcome New Members

Joslyn Brough
Elizabeth Eres
Sanford Johnston, Jr.
Rebecca Richman

Eric Buehler
Amy FitzGerrell
Keith Krause
Michael Scanlan

News from Headquarters

ASPRS Annual Conference 2012

The [ASPRS Annual Conference](#) will be held in Sacramento, California, March 19-23, 2012.

Recent Press Releases

[LAS 1.4 Draft Specification Released by ASPRS](#)

[Draft Guidelines for the Procurement of Commercial Geospatial Products Released for Comment](#)

[ASPRS Encourages Adoption of the National Land Imaging Program](#)

Wyoming Chapter – Student Outreach

The Wyoming Chapter hosted a presentation by ASPRS-RMR Vice-President, **Ramesh Sivanpillai**, to Remote Sensing students at the University of Wyoming. He outlined the benefits of being an ASPRS member. ASPRS-RMR reimburses \$20 to student members to encourage their involvement with the society.



UW students learning about the benefits of ASPRS membership