



The Rocky Mountain  
Compiler

Issue 1

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

## President's Message

### Time to Map Out Our Future

Our 2018 Rocky Mountain Region (RMR) Board of Directors met recently and discussed our Region's three-year planning horizon. Clearly, we need to understand and communicate our value proposition and refresh our brand. We identified several possible initiatives.

Outreach activities to consider include: Interacting with fellow Societies, such as CO MAPPS, URISA, GISCO, AAG, SPIE, APWA, etc.; reaching out to non-members; communicating our value to past and current members; engaging locally with other entities of ASPRS, such as Divisions and Committees; expanding our base beyond Colorado to Wyoming, New Mexico, Montana, the ASPRS Inter-mountain Region, and also to the ASPRS SW Pacific Region, Canada, and Mexico; broadening our education programs to include universities, colleges, community colleges, vocational/technical schools, USAF Academy, and K-12 schools; supporting and mentoring Student Chapters, early-career professionals, and those in transition; bringing value to .orgs, .mil, and .gov geospatial communities; and recruiting private sector Sustaining Members. Below are a few specific initiatives to consider:

High Noon Series – Conduct seminars and webinars on products, labs, centers. Example presenters could include GeoSearch, OGC, Esri, DigitalGlobe Hexagon, Harris, and Boundless.

GEODE<sub>c</sub> -- Foster a RMR Software Geospatial Developer Cluster under the ASPRS-RMR brand.

Operation Bootstrap -- Seek programmatic Region funding sources via grants, private sector, County and State Government, .orgs, GIS in the Rockies, scholarship sponsors, and local voluntary dues, endowments, etc.

The RAC - Establish a Regional Advisory Council: The RAC will be comprised of Past Presidents, other Societies, local practitioners, and students, to solicit advice and input for improving the Region.

Bylaws 2019 Imperative - Review and Revise the ASPRS-RMR Bylaws by 2019 – see the National Directors Report in this Newsletter.

Protect The Football - Develop a Records Management Protocol for ASPRS-RMR – create a Digital Archive with Process Improvements over time, with open- or low-cost sustainable tools.

Rocky Mountain Round-ups - Meet in person at least once a Quarter. Organize no-cost venues at public libraries or universities for face-to-face informal meetings. Conduct Sustaining Member roundups of Stray members. Sponsor lunches at venues like Centennial Airport. Conduct Roadshows with Invited speakers from government, elected officials, GIO's, etc. Sponsor technical tours. Conduct the Annual meeting this Fall.

Your comments are welcome.  
Jeff Young, ASPRS-RMR President  
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## National Director's Report

### Time for a change

As our National organization has adopted recent changes to the Bylaws, we too, as a Region, will need to revise our Bylaws to reflect the current National BOD composition and functions. Our current Bylaws were last revised in October 2002 and are posted on our website at [www.asprs-rmr.org](http://www.asprs-rmr.org) (see link at bottom of Officers page). Let's reflect on 2002 and why change is justified.

- J [January 9](#) – The [United States Department of Justice](#) announces it will pursue a criminal investigation of [Enron](#).
- J [March 1](#) - [STS-109: Space Shuttle Columbia](#) flies the [Hubble Space Telescope](#) service mission, its last before the disastrous [STS-107](#).
- J [May 10](#) – [FBI](#) agent [Robert Hanssen](#) is sentenced to life imprisonment without the possibility of [parole](#) for selling American secrets to [Moscow](#) for \$1.4 million in cash and diamonds.
- J [June 5](#) – 14-year-old [Elizabeth Smart](#) is kidnapped from her bedroom in [Salt Lake City, Utah](#).
- J [July 21](#) – [Telecommunications](#) giant [WorldCom](#) files for [Chapter 11 bankruptcy protection](#), the largest such filing in US history.
- J [August 12](#) – In [Arlington, Virginia](#), [US Airways](#) declares bankruptcy.
- J [October 9 – 10](#) – [Congress](#) passes the [Iraq Resolution](#) authorizing the [Iraq War](#).<sup>[2]</sup>
- J [October 27](#) – The [Anaheim Angels](#) defeat the [San Francisco Giants](#) in Game 7 of the [2002 World Series](#) to win the title.
- J [November 16](#) – A [Campaign against Climate Change](#) march takes place in [London](#) from [Lincoln's Inn Fields](#), past [Esso](#) offices to the US Embassy.
- J [December 9](#) – [United Airlines](#), the second largest airline in the world, files for bankruptcy.

(Source: [Wikipedia.org/wiki/2002\\_in\\_the\\_United\\_States](http://Wikipedia.org/wiki/2002_in_the_United_States))  
Yes, indeed, it is time for a change.

Terry Ryan (Jeffrey M. Young, Co-author)  
ASPRS-RMR National Director  
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## ILMF-ASPRS Conference Report

Holding a joint ILMF and ASPRS Conference in Denver turned out to be a benefit for both organizations, as it drew more than 1,500 professionals from the US and 34 other countries, far surpassing attendance at both the previous conferences held separately. In fact, attendance increased by over 50%. The joint conferences, held 5-7 February, 2018 at the Hyatt Regency Denver, gave attendees access to more geospatial technology and solutions, technical education, and networking opportunities than ever before. Attendees and vendors represented a wide range of applications for LiDAR, photogrammetry, and Unmanned Aerial / Autonomous Systems (UAS/Drones), including design and construction, surveying and mapping, civil infrastructure, mining and reclamation, precision agriculture, coastal and bathymetric mapping, and utilities.

Each conference maintained its own unique characteristics, with a combined exhibit hall. ILMF featured three keynote speeches, two plenary sessions, and dozens of technical application-specific presentations. Keynotes were given by Dr. Jeff Sloan of the US Geological Survey, "Findings from DOI/USGS: Will Data from UAS Sensors Overtake Manned and Satellite Sensors?;" by Dr. Michael Lefsky of Colorado State University, "Reconstructing Historic Land Use and Forest Structure Using Aerial Photos and Structure From Motion Analysis;" and by Dr. Eric Larour of NASA's Jet Propulsion Laboratory, "A New Tool from NASA for Coastal Planners: Anticipating Sea Level Rise." The first plenary panel discussed the current state of LiDAR acquisition systems, and how the relative benefits of next-generation Geiger Mode and Single Photon sensors compare with traditional Linear Scanning Systems. The second plenary panel covered practical LiDAR sensor issues and workarounds from sensor owners and operators.

The combined exhibit hall was filled to capacity with over 90 vendors. Products and services on display represented the entire spectrum of the geospatial industry, including surveying and mapping equipment/sensors, airborne data acquisition, unmanned aerial systems, and mapping software. Within the exhibit hall, the University Pavilion featured representatives from Universities specializing in drone research sharing their latest research, meeting with industry professionals eager to learn of the newest innovations, and finding

potential collaborators. Combined social events for all attendees were held on-site and also at the Wynkoop Brewing Company.

The ASPRS Annual Conference included workshops, business meetings, award ceremonies, and numerous technical sessions. The Closing Keynote was delivered by Scott B. Luthcke, a Geophysicist at NASA's Goddard Space Flight Center, on the topic of Space Laser Altimeters. Another highlight of the conference was the "GeoLeague Challenge," a Jeopardy-style game show where teams of students, professionals, and professors competed for prizes by testing their knowledge on a diverse range of topics in Remote Sensing, LiDAR, GIS, GPS, and Geography.

The Joint ILMF and ASPRS Conferences were so successful that the organizing committees decided to do it again in 2019!

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## Denver 2019 Call for Abstracts

[CALL FOR ABSTRACTS NOW OPEN!](#)



ASPRS Annual Conference and International Lidar Mapping Forum | Denver, CO

The ASPRS 2019 Annual Conference will again be co-located in Denver, Colorado with the 19th Annual International LiDAR Mapping Forum (ILMF). We are seeking presentation abstracts based on ASPRS core disciplines in the collection, management, exploitation, and analysis of geospatial sources, data, and information.

Topics sought include innovative approaches to acquisition of geospatial data, practical applications of these data, data management and processing, and decision-making based on these data at the local, state, and federal levels. We are especially interested in contributions focused on the future of

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imaging and geospatial information technologies that provide a glimpse of developments on the horizon. Individuals from government agencies, private firms, and universities are all encouraged to submit abstracts on these topics.

ASPRS is interested in proposals for

- Oral presentations
- 5-minute [Ignite-Style Talks](#)
- 2-hour and 4-hour pre-conference Workshops
- Posters

Presentation topics may include commercial operations involving asset management, infrastructure inspection and maintenance for utilities, process and power, coastal zone mapping and surveying, emergency/disaster response, land and natural resource management, 3D urban modeling, construction verification, and site documentation. To submit your abstract, see [asprs.org](#) for details. Abstracts must be submitted electronically.

Timeline:

- Abstracts due by July 16 (Monday)
  - Authors to be notified by August 31 (Friday)
  - Preliminary Program by September 17 (Monday)
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## ASPRS on LinkedIn

Be sure to check out the active ASPRS Group on [LinkedIn](#)! There you can find discussion topics, the latest geospatial news, and more!

Recent topics:

- Using LiDAR to Identify Building Roofs in Rio de Janeiro that are Suitable for Intensive Greening
  - SAR Microsats Funded
  - 3DEP LiDAR for USGS switching from raw LAS to compressed LAZ Format
  - Learn About Geodesy
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## GeoBytes

In addition to the ASPRS Webinars, our organization also offers free online seminars presented by ASPRS and sponsored by the ASPRS GIS Division, in cooperation with AAGS and CaGIS.

Attention those seeking ASPRS Certification: ASPRS Online Seminars are a great way to gain Professional Development Hours! [Click here to learn more](#)

## GISITR Call for Abstracts

31st Annual "GIS in the Rockies" Conference  
September 19 & 20, 2018  
Denver, Colorado  
(Workshops will be held on September 18)

Join us September 19 & 20, 2018 in Denver, Colorado for the 31st annual GIS IN THE ROCKIES Conference! GIS in the Rockies returns to the [Hilton Denver Inverness](#), offering outstanding professional workshops and presentations, a Career Development Academy, exhibitors, networking opportunities, social events, and much more.

We invite you to share your professional geospatial knowledge and experience at a conference workshop or technical session. All submissions are welcome -- commercial, open source, and academic presentations. Presenters will receive discounted registration! Abstract submission applies to both speakers and poster presenters. The abstract submission deadline is July 20, 2018!

Take advantage of the DISCOUNTED RATE for speakers and poster presenters!

\$100 one-day fee

(60% off regular one-day registration fee!), or

\$200 full conference fee

(53% off regular full-conference registration fee!)

NOTE: Please DO NOT register for the conference until AFTER you have received your presentation and/or poster abstract acceptance.

Be sure to join us September 19 & 20 for the 31st Annual GIS in the Rockies Conference -- the Rocky Mountain West's premier geospatial information and technology conference.

(Pre-Conference Workshops 9/18)

(Post-Conference Tours 9/21)

[Submit Abstracts Here](#)

Submit abstracts online no later than July 20.

Questions about GIS in the Rockies? Email

[chair@gisinthetrockies.org](mailto:chair@gisinthetrockies.org)

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## Student Rebate Offer

Rocky Mountain Region will reimburse half the \$50 cost of student membership, so your net cost is only \$25 for all the benefits of ASPRS membership! Join [ASPRS](#), then download the [Student Rebate Form](#) (on the Student Chapters page). This offer is good for every year you are a full-time student!

## 2018 ASPRS UAS Symposium at Commercial UAV Expo

October 4, 2018

8:00 am – 12:15 pm (morning session /part 1)

1:15 pm – 5:00 pm (afternoon session / part 2)

The Westgate Resort, Las Vegas, NV

Attendees of the Commercial UAV Expo October 1-3 are invited to join an additional in-depth technical symposium on October 4, sponsored by ASPRS. Registration at Commercial UAV Expo is required; the ASPRS UAS Symposium is an optional add-on event.

[Click here to register](#)

[Click here for event flyer](#)

[Conference Website](#)

Attendees of the ASPRS UAS Symposium can register for the morning session (part 1) only, or for the entire day. Cost: Morning (part 1) Only: \$175 / Full Day: \$250

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## Welcome New Members!!

Andrew Archer  
Jessica Aimee Castro  
Stephen Frazee  
Claire M. Hay, Ph.D.  
Larry Holtgreive  
Kathleen E. Johnson  
Michael Lefsky, Ph.D.  
Steven McCormack, PLS  
Edward J. Norero, Jr.  
Robert William Osadetz  
Michael Christopher Schneider  
Victoria Scholl  
Jerzy C. Stojda  
Isidore Uwalaka  
Suzanne R. Weiss

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Stay tuned for upcoming Technical Tours and Social Events! Check out new professional opportunities and upcoming events on the Rocky Mountain Region [Website](#) ...

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