

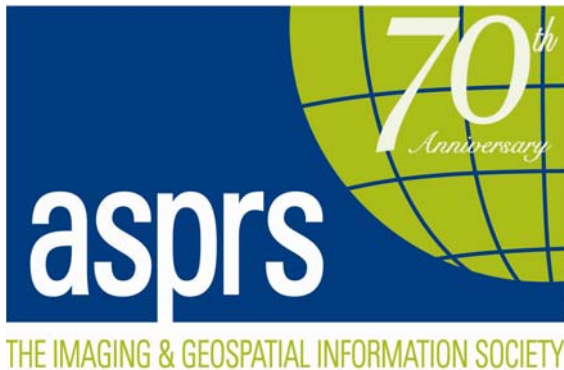
# American Society for Photogrammetry and Remote Sensing

The Imaging and Geospatial Information Society  
**PUGET SOUND REGION**

Issue 04-2005

<http://www.photogrammetry.com/ASPRS-PSR>

WINTER 2005



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## **PRESIDENT'S MESSAGE**

***By: Joshua Greenberg***

It is hard to believe that this will be my last president's message. In February we will be welcoming Mark Hird-Rutter from BCIT as our president and I know that his enthusiasm and creative ideas are going to make for an interesting year on the board. As always at this time of year we have some board positions opening up. This year we have 3 positions that are open or up for re-election. The positions are Vice-president, secretary and director. If you have any interest in one of these positions, contact me or another board member and we can fill you in on the responsibilities and time commitment. I can say that I honestly have enjoyed my time so far on the board. I have been able to meet a number of fellow remote sensing users throughout the area and learned a lot about what is going on outside my own little world at my office. I highly recommend thinking about volunteering for one of these positions. The voting will be coming up soon and will be done by email.

I hope you all have a safe and happy holiday season.

## ASPRS-PSR BOARD ELECTION

*BY Mark Hird-Rutter*

The ASPRS Puget Sound Chapter is currently preparing for new elections for the upcoming year. The elections will take place in **February 1, 2006**. At this point we are asking for nominations for the position of Vice President, National Director, and Secretary. The nominations due date is **January 10, 2006**. Please forward any nominations to Mark Hird-Rutter by email ([Mark\\_Hird-Rutter@bcit.ca](mailto:Mark_Hird-Rutter@bcit.ca)) along with a brief Bio.

### **Current Slate of Nominees:**

**Secretary:** [Steven Phillips](#), Weyerhaeuser Corp.

**Vice Pres:** [Bill Lakeland](#), Selkirk Remote Sensing

**National Director:** [Terry Curtis](#), WA Dept of Natural Resources

## THE NATIONAL PERSPECTIVE

*By: Terry Curtis, Puget Sound Region Director*

Greetings Puget Sound Region members! Here's a brief update on ASPRS National affairs.

**Fall Conference:** The ASPRS Fall Conference and Pecora 16 were held October 24-27 in Sioux Falls, South Dakota turned out well. Attendance at the conference and Workshops met prior projections, and all seemed to enjoy the slower pace of life in South Dakota..... although the terrain was way too "flat" for me.

**Financial Status:** ASPRS continues to enjoy a favorable financial position. We were in a deficit budget year, but indications are that much of the deficit will offset by larger-than-planned revenues. The Board passed next years Budget, and again this is a planned deficit, although this is due to planned investment in ASPRS Publications (Manual of Remote Sensing, Manual of GIS, etc), which will bring in far offsetting revenues over time. Being conservative on Income projections, and liberal on Expense projections continues to provide us with these unexpected "surpluses", and this one in particular may push us above this year's planned "deficit budget".

**ASPRS Foundation:** The ASPRS Foundation is doing very well! Our goal to beef-up the funding for the Foundation such that all current awards are fully endowed, and begin establishing some new awards is progressing nicely. National's "matching program" for matching contributions to the Foundation has been a huge success, and the Board voted to continue the "matching" campaign. THANKS TO ALL who have contributed, including Individuals, Regions, and member Firms!!

In the spirit of giving, and in providing educational support to upcoming students and professionals, please consider donating a tax-deductible contribution to this more-than-worthy cause!

**Publications:** Work on the Manual of Remote Sensing is progressing well, as well as the Manual of GIS. We hope to have a huge impact on the profession when the comprehensive Manual of GIS is published hopefully in late 2006 or early 2007. This is shaping up to be a stellar publication!! Don't forget to get your copy of the new 5<sup>th</sup> Edition of the premiere reference on Photogrammetry! Cost is \$125 for Non-members, \$94 for ASPRS Members, and \$50 for students, and can be purchased on-line from the "ASPRS Store.

**Membership:** Always a high-priority issue at both the National and Regional levels. ASPRS has been implementing recommendations from the consultant survey, and we actually saw a slight INCREASE in membership in the past year!! One point that was addressed is the need for our current members to be "Champions" of the organization, promoting APSRS programs, benefits, and membership. If we ALL can just do a little to help promote the Society and the profession, and perhaps even just find ONE new member each we can have a huge impact! Attracting more students is another effort we need to pursue. National continues to "tweak" the Bylaws to make it easier for students to join, and for Student Chapters to be formed. The Puget Sound Region is still exploring the possibility of forming a student chapter at BCIT

**Future Conferences:** Following are the planned dates and venues for upcoming Annual and Fall Conferences. Make your plans now.... and don't forget to build-in that vacation with the family!

Spring 2006 – Reno (April 30-May 4) make your plans now for this one!

Fall 2006 – San Antonio (Nov 6 – 10)

Spring 2007 – Tampa (May 7 – 11)

Fall 2007 – an MOU is in place with the Canadian Remote Sensing Society to co-sponsor this meeting in Ottawa for our first National conference on Canadian soil!

Spring 2008- Portland Oregon, in our neighboring Columbia River Region

## **LIGHTS-OUT FOR MID-RESOLUTION SATELLITE IMAGERY??**

***By: Terry Curtis***

Bad news for Remote Sensors that rely on continuous medium resolution satellite imagery..... it appears that Landsat 5 may be nearing its end of life. This coupled with the un-correctable data problems that Landsat 7 is experiencing, could mean that our worst fears of mid-resolution "lights out" are drawing near. The following is an excerpt from a USGS Press Release dated Nov 30, 2005

"On November 26, 2005, the back-up solar array drive on Landsat 5 began exhibiting unusual behavior. The solar array drive maintains the proper pointing angle between the solar array and the sun. The rotation of the solar array drive became sporadic and the solar array was not able to provide the power needed to charge the batteries. Maintaining power to the batteries is critical to sustain proper operation of the spacecraft. The primary solar array drive failed under similar circumstances last January. As a result of this current situation, imaging operations will

be suspended for at least the next two weeks or until attempts to solve the problem has been resolved.

Landsat 5, launched in March 1984, has performed far beyond its three-year design lifetime and has continued to collect global land surface coverage. Over 125,000 images, from the Chernobyl disaster to Hurricane Katrina, have proven invaluable for identifying the impact of natural and human-induced changes. Landsat 5 and Landsat 7 together provide full global coverage of the Earth's surface every eight days. "

## **9<sup>TH</sup> ANNUAL TECHNICAL INFORMATION EXCHANGE – VANCOUVER, WA**

***By: Joshua Greenberg***

Those of you who were able to attend the Technical exchange this year know that we had a great speaker line up and covered some diverse topics. Thank you to all the speakers and presenters and a special thanks to Paul Mabry (PSR Vice President) and Jim Meacham (CRR Vice President) for organizing and hosting the exchange. The next Information exchange in our region will be in the spring up in the Vancouver area. We will keep you posted as plans develop.

### **Presentations:**

***David Graves, PSU***, An Assessment of the Impacts of Climate Change on the Upper Clackamas River Basin with a Distributed Hydrologic Model.

***Will Jensen, LCOG***, Spatially enabling Microsoft Access using free ESRI ArcReader software: Mapping West Nile Virus in Lane County.

***Mike Renslow, Spencer B. Gross, Inc.***, Metric Digital Cameras and the Impact on Photogrammetry.

***Erik B. Steiner, UO InfoGraphics Lab*** , Combining Satellite Imagery with Historic Cartography: The 1748 Nolli Map of Rome.

***Eric Stone III, BPA/Ciber and Jessica Adkins, OSU***, Columbia River Avian Predation Project Photogrammetry.

***Mark Hird-Rutter, C.P., British Columbia Institute of Technology***, Development and use of the BCIT digital camera calibration array.

***David R. Young, US EPA, Patrick J., and Clinton, Indus Corp, and David T. Specht, US EPA***, Using False-Color Near-Infrared Film for Aerial Mapping of Intertidal Eelgrass in Pacific Northwest Estuaries.

***David Brown, C.P.***, Applications for 2nd Generation Ortho-photography.

***J Rolly Kinney, Kinney Engineering Inc.***, Close-Range Photogrammetry Applications in Accident Reconstruction.

**Joseph Poracsky, PSU, David Banis, CSAR**, Street Trees in Portland's Urban Forest Canopy.

**Joshua Greenberg, Skagit County GIS**, Image processing to load Imagery into ESRI's SDE: Case study from Skagit County.

**Reed Hunter, ESRI-Northwest**, GIS Development of the City of Seattle Public Utilities Isopluvial Application.

## **ASPRS/CIS GOLF TOURNAMENT**

**By: Joshua Greenberg**

Another successful golf tournament was held this year in LaConner organized by Lloyd Hume of Eagle Mapping. There was a good turnout and the weather also cooperated. The winners this year with a score of 62 were; Peter Burns, Chris Bulmer, Dave Nielsen, Richard Taylor. Second place with a score of 64 went to; George Carter, Dena Carter, Warren Bernard, Heather Malloy. Thanks to all the people who helped organize, donated items, and attended this annual event. If you missed it look for it again next summer...this time in the Harrison Hotsprings area.



**First Place team accepting the ASPRS/CIG golf trophy from Lloyd.**

## SPRING ASPRS INFORMATION EXCHANGE

*BY Mark Hird-Rutter*

Presentation deadline for registration is February 25, 2006, the cost include lunch:

General	\$30 CAN
ASPRS Member	\$25 CAN
Student	\$15 CAN

## MAPPING IN BRITISH COLUMBIA, ISSUES AND CHALLENGES

*BY Mark Hird-Rutter*

Meeting

Wednesday November 15<sup>th</sup>

Holiday Inn

Metrotown Centre 4405 Central Blvd,  
Burnaby, BC, Canada

Last Wednesday I had the privilege of being involved on a panel discussion at this meeting in Burnaby. The CIG for those not familiar with it is a technical association. I took this brief description from their web page.

“Founded in 1882, the Canadian Institute of Geomatics has evolved to be a non-profit scientific and technical association and represents the largest and most influential geospatial knowledge network in Canada. Over 50% of its members are senior managers and researchers in government, private sector, academic and NGO organizations.”

The panel consisted of Norm Smith, moderator, **Paul Quackenbush** BMGS, **Mike Thompson**, Eagle Mapping, **Mark Hird-Rutter**, BCIT, and **Peter Huebner**, Spectrum.

The questions rose at the panel discussion where as follows:

1. A question about wages, education, and capacity of industry to absorb the trainees.
2. A question about certification. CIG, ASPRS, PMI. Does your organization support it? Do you think it helps you in your day to day business?
3. A question about keeping up with technology changes LiDAR, Digital Camera, Satellite data. What effect do these changes have on some of the historical specifications?
4. A question about competitiveness of BC companies; Canada - US – Offshore
5. Do you think the level of public sector work is sufficient in Canada and does it support the evolution of the industry?
6. Do you accessing international work. In addition, if not why not?
7. A question about data licensing and copyright and third party access to data.
8. Data Management issue, large project capacity & security issue.

We had a very lively discussion on these topics and as you can imagine there were many differing points of view with passionate responses from both the panel and the audience. I'm always amazed at the depth of feeling that people in our industry have for: Who should be able to certify? How can we attract new people? How do you compete with offshore? How do we stay current with technology?

As in many such discussions we all were aware of similarities in the problems that we face but we really did not create any concrete solution.

On the positive side the food was very good and it was nice to meet with good friends with common issues.

The CIG is planning more meetings throughout the year with the hope of setting a country wide conversion in Vancouver in 4 years.

Anyone wanting to find out more about the CIG can see their website at:

<http://www.cig-acsg.ca/page.asp>

## CALENDAR OF EVENTS

March 8, 2006

### **ASPRS-PSR Spring InfoExchange**

Town Square D, BCIT Burnaby Campus

3700 Willingdon Ave

Burnaby, BC V5G 3H2

[Mark\\_Hird-Rutter@bcit.ca](mailto:Mark_Hird-Rutter@bcit.ca)

May 1, 2006

### **Prospecting for Geospatial Information Integration**

#### **ASPRS**

Reno, Nevada

<http://www.asprs.org/>

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**Jeffrey A. Kenner**  
Marketing Representative  
(206) 244-2300

12652 Interurban Ave. S.      Voice-mail: (206) 617-9162  
Seattle, WA 98168      FAX: (206) 244-2333  
E-Mail: [jkenner@walkermap.com](mailto:jkenner@walkermap.com)      Mobile: (206) 617-9162



**marshall**

Terry Bartlett  
*Director of Sales & Marketing*

[tbartlett@marshallgis.com](mailto:tbartlett@marshallgis.com)  
1603 Cooper Point Rd NW  
Olympia, WA 98502-8325  
p: 360-352-1279  
f: 360-357-9903  
[www.marshallgis.com](http://www.marshallgis.com)




Paul H Mabry, PLS  
Professional Surveyor, Member

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1709 South Sheridan Ave  
Tacoma, WA 98405

Phone: 253-678-2229  
Fax: 253-627-5170  
Email: [pmabry@i-landsurvey.com](mailto:pmabry@i-landsurvey.com)

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