

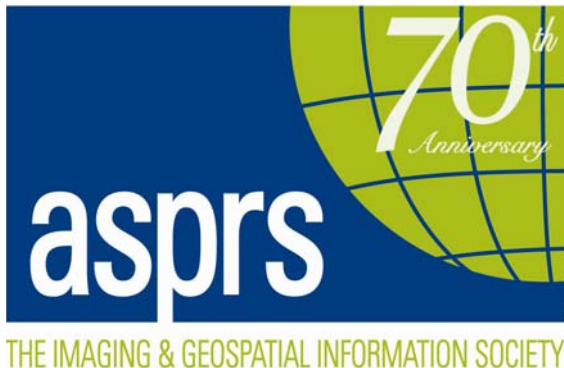
American Society for Photogrammetry and Remote Sensing

The Imaging and Geospatial Information Society
PUGET SOUND REGION

Issue 03-2004

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

FALL 2004



Board of Directors

Joshua Greenberg	(President)
Chris Gardner	(Secretary)
Mark Hird-Rutter	(President Elect)
Paul H Mabry	(Vice President)
Dave Brown	(Treasurer)
Bob Wright	(Past President)
Terry Curtis	(National Director)
Zhenkui Ma	(Newsletter Editor)
Alan Walford	(Webmaster)

Oct. 29, 2004 | Issue No. 3

[PRESIDENT'S MESSAGE](#)

[WELCOME NEW MEMBERS!](#)

[THE NATIONAL PERSPECTIVE](#)

[FALL CIG MEETING AND GOLF TOURNAMENT](#)

[THE SPATIAL REFERENCE CENTER OF WASHINGTON](#)

[EIGHTH ANNUAL ASPRS INFORMATION EXCHANGE A SUCCESS](#)

[ASPRS PRESS RELEASE](#)

[NATIONAL EVENTS](#)

[PROFESSIONAL DIRECTORY](#)

PRESIDENT'S MESSAGE

By: Joshua Greenberg

The leaves are falling; a sign of winter to come and new aerial photography to fly. We have been holding our quarterly regional board meetings and I wanted to keep you up to date on some of the ideas and decisions we have been making.

The first decision is that we will be holding a spring information exchange at BCIT this spring. Keep an eye out for the final date and in the meantime think about something you might be able to present. We are hoping that we might also be able to create the first ASPRS student chapter in our region at BCIT if all goes well.

The board has also come up with some proposed changes to this newsletter. The first change is that we will be allowing our paid advertisers to have a paragraph of space to talk about some of their new products and projects. We hope that this will benefit our members as a means of education and also serve as an additional incentive for firms to advertise and support our newsletter.

Another newsletter change that we would like to start is to create a job market section where organizations can post job and internship opportunities. If any of you have positions that are open please contact me by email and I will make sure that they get posted in our next newsletter.

On a final note I would like to thank Walker and Associates for hosting our September board meeting at their fine facility. They not only allowed us to use their board room but also provided fresh pizzas. It sure made for a pleasant meeting.

I hope you all have a healthy and productive fall and will talk to you again this winter.

WELCOME NEW MEMBERS!

By: Terry Curtis, Puget Sound Region Director

Puget Sound Region would like to extend a warm **WELCOME** to **Mr. Bjorn Erik Norman**, and **Mr. Roger A. Hoffman**, our newest Puget Sound Region members! We all look forward to seeing Bjorn and Roger at an upcoming Puget Sound Region event!

One common thread among the more active Regions is MEMBERS recruiting NEW MEMBERS. I'm sure most of you know a colleague or co-worker who is not a member, but who could benefit from membership. We all need to encourage those folks to join us in ASPRS - the PREMIER Geospatial professional association.

THE NATIONAL PERSPECTIVE

By: Terry Curtis, Puget Sound Region Director

Greetings Puget Sound Region members. Here's a brief update on ASPRS National affairs and the 2004 Fall Conference that took place in Kansas City, Missouri in September.

Kansas City Fall Conference: The Fall ASPRS Conference was smaller than usual, but still a good conference! The theme was "Remote Sensing Foundations for GIS". Workshops and technical sessions were well attended, and all seemed to enjoy the exhibits, social events, and baseball game. The timing of this conference with respect to the ISPRS in Istanbul, and the Spring ASPRS, contributed to the lower than normal attendance.

Financial Status: The Society continues to remain very HEALTHY in terms of financial status. Outstanding fiscal planning and management continues to keep ASPRS in a favorable position. Conservative on Income projections and liberal on Expense projections continue to provide us with unexpected "surpluses" at the end of the year. Operating RESERVES are building up to help sustain the Society in the event of any catastrophic economic events. ASPRS now has a solid investment policy to help insure financial stability and growth.

ASPRS Foundation is BACK!: Jim Plasker and the national officers were successful in re-establishing the ASPRS Foundation, a non-profit sub organization dedicated to establishing and managing Scholarships and Awards in the geographic sciences. This is a legacy organization of ASP that for a time

was moved externally and became the International Geographic Information Foundation (IGIF). The IGIF recently dissolved, and ASPRS officers have worked diligently to bring this back home to ASPRS. Our goal now is to beef-up the funding for the Foundation such that all current awards are fully endowed, and begin establishing some new awards. Watch for a “Contribution Box” on your next dues renewal, where you can choose to participate in ASPRS educational endeavors!

New Manual of Photogrammetry: The new Fifth edition of the Manual of Photogrammetry is now available, and can be purchased on-line at the ASPRS Store. Cost is \$125 for Non-members, \$94 for ASPRS Members, and \$50 for students. ASPRS has already sold enough manuals to cover over 1/4 of the cost of publication, with a large part of that revenue coming from sales at ISPRS in Istanbul. Don’t delay, get your copy NOW!

Declining MEMBERSHIP: ASPRS continues to experience a decline in membership. The Executive Committee and the Board spent several hours discussing this issue, and brainstorming ideas that could help reverse the trend. One major point that was addressed is the need for ALL 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 was another effort we need to pursue. Past President Don Lauer, who is extremely passionate about ASPRS, is chairing a Membership Working Group who has come up with several recommendations for officers, Regions, and members to consider. Expect contact from the Region and National officers regarding how you can help promote membership, and strengthen our Society. The Region Board has agreed to a plan of subsidizing student memberships in the Puget Sound Region, and will be providing more information soon!

FALL CIG MEETING AND GOLF TOURNAMENT

By Mark Hird-Rutter

The BC Chapter of the CIG (Canadian Institute of Geomatics) held its fall meeting and annual golf tournament September 25th. I had the pleasure of attending the breakfast meeting and the dinner. Other duties kept me away from the golf.

Lloyd Hume of Eagle Mapping organized the meeting. Lloyd was the MC at the breakfast meeting. The topics revolved around the current status of the CIG and the ever present need for organizations such as the CIG to recruit new members.

I was asked to give a talk about BCIT. I started by sending the best wishes of the Puget Sound Chapter of the ASPRS. Many of the CIG members are also ASPRS members. I then gave a brief overview of the curriculum at BCIT and the type of students that we attract. We discussed the need for new people in our profession and I asked for assistance from the mapping community in the ongoing curriculum design for the mapping courses.

Another topic of discussion is the alignment of various common tasks that the ASPRS and CIG might consider. These might be a common information exchange for instance with both organizations sponsoring and attracting members to meet together and discuss our common business.

As I said I could not make the golf tournament although I heard it was a great success. The weather cooperated and much fun was had by all! This must have been true because by the time I got to dinner there was a litany of laughter and rather good but slightly off color golf jokes. Dinner was barbequed stake and baked potatoes, salads and lot of fun. I would estimate about 60 people attended, and had fun, a great testimony to Lloyd's efforts in organizing this event.

THE SPATIAL REFERENCE CENTER OF WASHINGTON

By: Paul, Mabry

The Spatial Reference Center of Washington (SRCW) is dedicated to the planning, implementation, and maintenance of an accurate state-of-the-art network of GPS control stations necessary to meet the demands of government and private businesses for a reliable spatial reference system in the state of Washington.

The Puget Sound Board of ASPRS had a meeting with Spencer Reeder, Director of SRCW, during the past to learn what benefits the SRCW could provide to the photogrammetry and GIS community. Many of the goals of SRCW will directly benefit Puget Sound ASPRS members, especially those who need precise GPS measurements and locations. One of the first goals of the SRCW is to analyze the entire state and determine inconsistencies in vertical and horizontal datum. They will then prepare a plan to add GPS control stations as funding becomes available. The end goal is to have a statewide network of GPS stations that are available real-time over the internet.

Over the past month or so, SRCW has received their federal funding and have started up in earnest. They are still looking for more public and private agency involvement. Our board voted to support the efforts of the SRCW and provide future input on issues affecting photogrammetry and GIS community without becoming an official council member. I would also encourage you to keep abreast of what is happening by visiting their website at: <http://www.surveycontrol.state.wa.us/SRCW/about.html>

Our members may also consider joining the Spatial Reference Council. An application and details are available online at the SRCW website. Of course, I would welcome any feedback from you on your ideas to take to the SRCW.

EIGHTH ANNUAL ASPRS INFORMATION EXCHANGE A SUCCESS

By: Joshua Greenberg

I would like to thank all of you who participated in the Technical Exchange in Vancouver WA this past month. We had a great turn out and a fantastic series of talks. We had 46 people show up representing government agencies, universities, and private firms. I have included the list of talks and presenters for those of you who were unable to attend. I would like to thank Anne Hillyer from the Columbia River Region and Paul Mabry from our Puget Sound Region for their work in organizing this event. For those of you that missed this event consider joining us at our spring 2005 information exchange that we expect to host at BCIT in Vancouver, Canada. I am convinced that the informal nature and wide area draw of these exchanges provides a unique opportunity to see what other people are working on in the area.

Speakers and Topics

Eric Lawrence, GIS Analyst, Bonneville Power Administration: *Image Web Services*

Kerry Williams, PLS, Senior Photogrammetrist, ODOT: QC for Photogrammetric Products

Bill Lakeland, Selkirk Remote Sensing Ltd: *Medium Format Digital Aerial Camera – Development and Use*

Carol Murdock, Clackamas County, Water Environment Services: *LiDAR Mapping for Storm Water Master Planning*

Elizabeth Marshall, Marshall GIS, Olympia, WA: *Cost-effective Use of R. S. for Inventory Assessment and Monitoring*

James Meacham & Nick Kohler, InfoGraphics Lab, Univ. of Oregon: *Using RS, GIS, and GPS in the Study of Prehistory in the Mongolian Altai Mtns.*

Mark Hird-Rutter, Instructor, British Columbia Institute of Technology: *Overview of programs related GIS, and Photogrammetric Professions*

Ralph Haugerud, Geologist, U.S. Geological Survey: *Puget Sound LiDAR Consortium surveys in the lower Columbia Region*

Kevin Martin, City of Portland, Bureau of Planning: *Overview of Recent R.S. Projects in the City of Portland*

ASPRS PRESS RELEASE

For Immediate Release

Contact: Anna Marie Kinerney, Meetings/Marketing Manager

301-493-0290 ext.106;

akinerney@asprs.org

August 19, 2004



ASPRS Releases Guidelines on Vertical Accuracy Reporting Requirements for LiDAR-Derived Elevation Data

Adoption of the “ASPRS LiDAR Guidelines – Vertical Accuracy Reporting for LiDAR Data V1.0” was approved by the American Society for Photogrammetry and Remote Sensing (ASPRS) Board of Directors in May 2004. This is the first in a series of guidelines to be published by ASPRS covering the emerging technology of LiDAR and its use in the mapping sciences. Created by the ASPRS LiDAR Committee’s Working Group on LiDAR guidelines and standards, the guidelines have undergone a public review process and represent the best practices and reporting methods endorsed by ASPRS when working with LiDAR-derived elevation data.

ASPRS recommends that all mapping professionals adhere to and follow these guidelines when generating or contracting for mapping products derived from LiDAR data. As part of the LiDAR Committee’s Working Group efforts, the ASPRS guidelines were harmonized with the relevant sections of the Guidelines for Digital Elevation Data (Version 1.0) released by the National Digital Elevation Program (NDEP).

The Guidelines cover the recommended methods for measuring and reporting the vertical accuracy of elevation data recorded by airborne LiDAR mapping instruments. Essentially, they outline necessary steps to analyze the vertical accuracy of elevation data generated using airborne light detection and ranging or laser radar (LiDAR) technology. In addition, the Guidelines cover determining what level of accuracy can be associated with a mapping product, such as a contour map, that is generated from a given LiDAR data set (or conversely, what level of accuracy is required in the LiDAR data to support a given contour interval map). Finally, they also include recommendations for the proper planning and implementation of appropriate ground checkpoints to support a LiDAR data set, including how to handle different land cover classes across a project site.

“A strategic goal of ASPRS is to proactively develop standards and guidelines for emerging technologies,” said Russell G. Congalton, ASPRS president. “The ASPRS guidelines and reports were developed through input from private companies; public comment; federal, state, and local agencies; as well as individual experts. ASPRS has been diligent in including the Federal Geographic Data Committee process into our work, and included the science of surveying and sound mapping principals. ASPRS is committed to 'standards', which require consensus and a long time to complete the process. By maintaining a leadership role in the development of these LiDAR guidelines, ASPRS is fulfilling its obligations to its members and all imaging and geospatial information professionals.”

ASPRS strongly encourages all LiDAR stakeholders to incorporate these guidelines into their LiDAR mapping projects. A copy of the guidelines can be downloaded from the LiDAR Committee section at www.asprs.org (under the Photogrammetric Applications Division) or requested from LiDAR_committee@asprs.org . Other LiDAR guidelines currently under development by ASPRS for release in 2004 and 2005 include “Horizontal Accuracy Reporting,” “Sensor Calibration,” and “Laser Eye Safety.”

Founded in 1934, ASPRS is an international professional organization of 7,000 geospatial data professionals. ASPRS is devoted to advancing knowledge and improving understanding of the mapping sciences to promote responsible application of photogrammetry, remote sensing, geographic information systems and supporting technologies.

NATIONAL EVENTS

November 8-10, 2004

Sponsored by ASPRS Member Agencies

U.S. Geological Survey National Center

The High Spatial Resolution Commercial Imagery Workshop

Reston, Virginia

<http://www.usm.edu/cice/ce/jacie/index.html>.

NEWSLETTER ADVERTISING RATES (ALL PRICES IN US DOLLARS)

ASPRS Puget Sound Region

BUSINESS CARD ADVERTISING:

4 Issues per Year

\$100.00 per Year

Please send 4 Business Cards with order, or

Provide a scanned image (300dpi) via email

DISPLAY ADVERTISING:

(provide copy in MSWord format)

full page

half page

\$100 per ISSUE \$60 per ISSUE


PROFESSIONAL DIRECTORY



EAGLE
GPS Survey Corporation

ALBERT F. HERTEL, P.L.S.
Secretary Treasurer

6110 S.W. Lombard Ave.
Beaverton, OR 97008-4736
(503) 643-1073



SELKIRK REMOTE SENSING LTD.
4400 Agar Drive, Suite 201
Richmond, British Columbia
Canada V7B 1A3

*Suppliers of aerial photography
to photogrammetric, engineering
and resource management users.*

Parker G. Williams, President (604) 276-8111



WALKER AND ASSOCIATES
Photogrammetric & GIS Services

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 Mobile: (206) 617-9162



DAVID A. BROWN
Regional Manager

Tel: (425) 747-1070
Cell: (425) 503-6027
dbrown@triathloninc.com

15600 NE 8th St.
Suite B1, PMB 912
Bellevue, WA USA 98008
Toll Free: 1-800-211-3388
www.triathloninc.com

HUITT-ZOLLARS

HUITT-ZOLLARS, INC. • 302 South 9th St. • Suite 101 • Tacoma, WA 98402-3699

PAUL H. MABRY pmabry@huitt-zollars.com
253.627.9131 phone
253.627.4730 fax
huitt-zollars.com

"your choice for creative land survey solutions"



marshall

Terry Bartlett
Director of Sales & Marketing

tbartlett@marshallgis.com
1603 Cooper Point Rd NW
Olympia, WA 98502-8325
p: 360-352-1279
f: 360-357-9903
www.marshallgis.com

**Your Card
Here !!!**