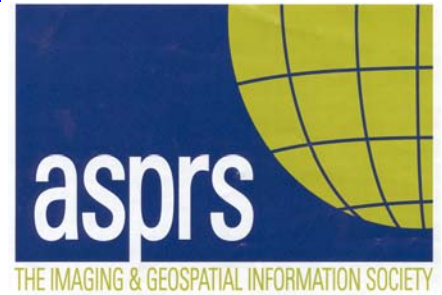

Wavelengths

Columbia River Region



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

Volume 2005:3 — October 2005

President's Letter:

By Anne Hillyer

Greetings fellow Remote Sensors! My term as CRR-ASPRS president is $\frac{3}{4}$ of the way through and it's time for my third President's Letter/Ramble.

Elections

We'll be holding elections for Columbia River Region Vice President in December. If you're interested in running let Bob Harmon or Chris Aldridge know. The Vice President position is the beginning of a three-year cycle, where the person serves as Vice President for one year, President for one year, and Past President for one year. The Columbia River Region VP traditionally organizes the yearly National workshop, the Technical Exchange and the Annual Dinner. The President organizes Board meetings, sets meeting times, places and agenda items, writes the President's letter for the quarterly newsletter, writes and submits the year-end report to ASPRS National, and generally takes responsibility for making decisions and getting things done. The President runs the election for new Board members. The Past President heads the nomination committee. The year after being Past President the person co-chairs the GIS in Action conference committee. The National Director represents the CRR at national meetings and heads the membership committee. The Treasurer oversees the budget, requests for funding, payments and purchases and financial reports. For most of us this requires some good juggling skills to balance all of these responsibilities with the job, family and other commitments. The rewards are many: camaraderie, the opportunity to shape events in your community, keeping current with technology, developing organizational skills, and networking. The CRR pays for registration and travel to the national ASPRS conference for the Vice President, President and National Director.

Informal Gathering Series

I recently sent an e-mail to the general CRR membership (current and former members and friends) asking

for volunteers to help organize a series of informal, free, ASPRS gatherings. The senior photogrammetrist in my office remarked "This would be like the annual meetings that used to be held at the Greenwood Inn in Beaverton." The CRR still holds an annual dinner, but it tends to be a formal event. We've also received feedback that ASPRS caters to owners, managers and academics and provides no opportunities for technicians to be involved. We think that these informal, local meetings could provide such an opportunity. However, we need help. As I mentioned above, the Board members have pretty good juggling skills but we do occasionally drop the ball. We need to widen our circle of active participants.

The concept that the Board has discussed is to hold meetings at a local eating/drinking establishment. We're thinking of holding these informal meetings every three months or so, depending on interest level. They could be held jointly with other professional organizations such as engineering, surveying, geographic or GIS groups, depending upon the presentation topics. Jim Meacham offered to organize a meeting in the Eugene/Corvallis area, but he does have his hands full as Vice President this year. The CRR membership has concentrations in the Portland Metro Area, the Bend area, the southern Willamette Valley and the Tri-Cities areas. Ideally we'd like to have local volunteers organize meetings in each of these areas. The event would be a no-host bar/dinner, with no admission fee. We could have a speaker present some topic of interest to ASPRS. ASPRS would pay for the speaker's food and drink. If you have any ideas or would like to help with this, please contact any of the Board members.

Student Liaison Committee

The CRR Board voted in September to create a new Board position and committee, to be called the Student Liaison Chair and Student Liaison Committee. The Student Liaison Chair will be appointed by vote of the CRR Board and will have a term of 2-3 years. We've appointed Ralph Kiefer to be the initial Student Liaison Chair. The purpose of this position will be to maintain contact with student chapters and handle requests for funding from the student chapters. The Student Liaison Committee will

(Continued from previous page.)

advise the Student Liaison Chair on issues relevant to student chapters. The interim members of the committee will be Ralph Kiefer, Anne Hillyer and Chris Aldridge, although we would like to have academic members or others join the committee.

The CRR's relationship with student members has evolved over the past several years from awarding scholarships to individual students to giving grants to student chapters. The CRR Scholarship Committee has thus not been needed to award scholarships and has been dissolved. The Board decided to create a position for student liaison so that the Treasurer will not have to directly handle grant requests from student chapters. We recognize that we need to be doing a better job at keeping in touch with student chapters and we're hoping that having this Student Liaison Chair and Committee will allow us to better serve our student members.

The application for student chapter grants requires the student chapter to propose a budget for the academic year. The standard student chapter grant is \$1000.00 per year. Student chapters can use the CRR grant money to cover travel costs to bring in outside speakers for Seminar/Colloquia speakers, send members to conferences, buy software and equipment for the chapter, award scholarships to individual students in the chapter, or any other applicable activity.

Joining a student chapter is a great way to network in the Geospatial community and increase one's chances of finding that dream job.

NW GIS User Group Conference

I attended the Northwest GIS User Group Conference in Sunriver from September 28-30 this year. Jim Meacham, the CRR Vice President, organized a LiDAR seminar taught by Mike Renslow on Sept. 27. I was unable to attend because I was in a seminar on Geoprocessing Scripts using Python in ArcGIS at the time, although I heard that the LiDAR seminar went well. Mike was able to keep people interested even though the room was overheated and highly conducive to sleep. I heard he even coined a new term: "Lidargrammetry."

We're glad that ASPRS was able to sponsor an event at the GIS conference because we feel that, as an organization, ASPRS needs to emphasize its interconnectedness with the various disciplines within the Geospatial sciences. Due to the increasingly digital nature of data these days and of the interoperability of technologies, the fields within the Geospatial industry are converging more and more. Common data formats and standards have been a constant theme at gatherings of Geospatial professionals, in order to facilitate this convergence. One of the results of this evolution is that no one in the Geospatial industry can afford to be ignorant of what others are doing.

Some ASPRS members present at the conference (Chris Aldridge, Celia Cornett, Anne Hillyer, Jim Meacham, and Doug Smith) met and discussed next year's GIS in Action conference, the upcoming CRR elections, the informal event series, and a new logo for CRR. This logo will be used for the 2008 ASPRS National Conference in Portland and other CRR business. Jim Meacham came up with a promising concept for a logo at the meeting. It resembles a Venn diagram that shows how all the Geospatial sub-fields, namely GIS, Remote Sensing, Photogrammetry, Survey and Cartography overlap and converge around ASPRS.

National Directors Report: Third Quarter of 2005 By Chris Aldridge

Throughout this year, the CRR board has been working towards energizing our region and trying to provide more services for our region's membership. A recent communiqué from President Anne Hillyer, requesting suggestions for presentation topics, is one of the steps in that direction. I would like to personally urge every member to consider what topics would be most beneficial to our region's members. Our desire is to provide a regular gathering of our members in a relaxed atmosphere to meet, talk, and have the opportunity to learn something new.

As you all are likely aware, the Board of Directors of ASPRS meets twice a year. The meetings are held in various locations around the country, once in spring and once in the fall. Since we are between meetings, I have *little first hand information* to pass to you. However, there are several things that should be of interest to you.

The state of our national membership level is still one of the society's highest priorities. There was an article by national membership chair Don Lauer in September 2005 issue of PE&RS. I recommend that everyone take a few minutes and read that article. It is our responsibility as current members to promote our organization and to attract new members from the private, public, and particularly from the academic sectors. The students of today are the practitioners of tomorrow.

Earlier this year, the ASPRS announced the establishment of The Robert N. Colwell Memorial Fellowship Award. Friends and colleagues of Dr. Colwell (1918-2005) have helped establish this Award as a memorial to him from donated funds administered by the ASPRS Foundation. The Award consists of a certificate and check, in the amount of \$2,000, and also includes a one-in ASPRS. The Award will be made to a graduate student (Master's or Ph.D. level) currently enrolled or intending to enroll in a college or university in the U.S. or Canada, or a recently graduated (within three years of graduation) post-doctoral researcher, who is pursuing a program of study aimed at starting a professional career where expertise is required in remote sensing or other related geospatial information technologies.

(Continued on next page.)

(Continued from previous page.)

This award is the first non-sponsored/non-pass through award to be established by ASPRS since the recovery/reestablishment of the ASPRS Foundation (the BAE Systems best paper award was actually the first, but was fully sponsored by BAE Systems and thus did not require such close coordination with the Foundation).

This is an important step for the ASPRS, as it marks the return of the ASPRS foundation. President Karen Schuckman recently approved the appointment of three new members to the ASPRS foundations board of trustees. Bryan Logan, Marilyn O'Cuilinn, and Bernard Shaw join Mike Renslow, Roger Crystal, and Tom Lillesand as the six-member board of trustees. Initial funding will come from donations and matching contributions from ASPRS, much like the building fund drive. To date this has been so successful, that the board was asked to, and did approve, an increase to the matching limit by \$50,000.00.

On a less happy note, the ASPRS received a reply from Dr. Mary Cleave at NASA, regarding funding Remote Sensing Model Curriculum effort at Ole Miss. We had hoped for a review of prior decisions and possible additional funding for the program. While not unexpected, the reply certainly is not what we were hoping to hear! In brief, because of NASA's tightly constrained budget, they will not continue funding beyond the \$7 million that has already been committed to the program. This places the funding of continued development of future modules on other sources, yet to be named.

As a final bit of housekeeping, the change to the national bylaws that I mentioned in the last newsletter was passed by the board in August. These changes, while not earth shaking, have made it easier to establish chapters within our organization. This should help us to continue to expand our presence on college campuses around the country, and in harder to reach areas of the larger regions.

I'm looking forward to attending the fall meeting in South Dakota later this month, and I am sure that I will have a wealth of information for you all in our final newsletter.

Report from Portland State University Student Chapter By Celia Cornett, Past President

PSU ASPRS starts the 2005-06 academic year with new student officers: President - Bill Hines, Vice President - Nathan Martin, Secretary - Annalisa Romano, Treasurer - Tyler Vick and Web Master - Ben Amstutz. Geoffrey Duh continues in the position as group advisor and Interim Director of GIS Programs.

The Fall Colloquia occur Fridays from 3pm - 4pm, in Cramer Hall - Room 413, in the Geography Department, at Portland State University. Refreshments are provided - All Are Welcome!

October: 7th: Steve King, Hydrologist, NOAA-NW River Forecasting Center Operational River Forecasting: "An Introduction to the NOAA-NWS Northwest River Forecast Center"

October: 21st: Geoffrey Duh PhD, Assistant Professor, Geography Dept, and Interim Director of GIS Programs, Portland State University: "Careers in GIS and Remote Sensing"

November: 9th: Dan Brown PhD, Associate Professor, [School of Natural Resources and Environment](#) and Director [Environmental Spatial Analysis Laboratory, University of Michigan](#): "Land-Cover Change in the Exurbs: A View from Michigan"

November: 10th: The ASPRS Technical Info Exchange, Vancouver, Washington replaces our fourth offering for fall term.

Future Events

Winter Term: (1.) Career Panel, "Marketing GIS/Remote Sensing Skills"; Anne Hillyer, Photogrammetrist & Current President ASPRS Columbia River Region, Bonneville Power Administration, Title TBA

Others to be announced

Spring Term: (1.) Ralph W. Kiefer "50 Years of Remote Sensing and GIS: A Personal Journey"

Others to be announced

If you have a presentation you would like to share at our colloquia please contact Nathan Martin at nmart@pdx.edu, or Geoffrey Duh at jduh@pdx.edu

(Continued on the next page)

(Continued from the previous page.)

Other News: The geography department's technical lab sports 25 new computers with faster processors and huge hard drives designed to handle the 30 Gig or so of data for remote sensing images. This is a wonderful addition to the department and those of us processing huge satellite image files!

General contact information: asprs@pdx.edu, and [Http://www.psuasprs.groups.pdx.edu/](http://www.psuasprs.groups.pdx.edu/)

Report from Oregon State University Student Chapter By Michael Wing, Faculty Advisor

The OSU ASPRS Student Chapter will have its initial meeting of the year on October 25, 2005. New officers will be selected at this meeting and activities for the new school year will be planned.

ASPRS club activities for the previous year concluded on June 1 with a seminar by Mike Renslow of Spencer B. Gross, Inc, who gave a talk titled "Emerging Technologies in Photogrammetry and Remote Sensing." This was a very fast paced and excellent discussion of current measurement technology that identified potential research opportunities.

Note from Mike Emch, former PSU Student Chapter Advisor

CRR ASPRS Board Members,

Hope all is well in Portland. I'm enjoying my experience at Columbia University and New York as well. I've just about finished the first of my two-year research fellowship. The plan was that I was going to come back to Portland State after the fellowship ended, but I just took a job at UNC-Chapel Hill that begins when my fellowship is over. So I won't be coming back to the post of ASPRS-CRR PSU advisor. I really enjoyed my time in Portland and hopefully the southeastern ASPRS Chapter is half as good as CRR.

Best,

Mike Emch
(June 2005)

Full Text of *Photogrammetric Engineering and Remote Sensing (PE&RS)* Journal Now Available Online

ASPRS has implemented electronic access to peer-reviewed articles published in *Photogrammetric Engineering and Remote Sensing (PE&RS)*, thereby complementing the existing online text for non-peer-reviewed articles. This action completes the goal of making the full text of each journal issue available online and provides timely information to address the needs of the academic community and the members located overseas who often experience delays in the delivery of their printed copy. Online access of *PE&RS* was one of the most requested benefits in the recently completed ASPRS Membership Survey.

In addition to the abstract text, which has been routinely available electronically for a number of years, ASPRS members may now access the full text of all peer-reviewed articles that appear in *PE&RS* as soon as the issue is printed and prior to the actual mailing. By logging in to the ASPRS web site with their membership ID and password, any ASPRS member in good standing may read and download up to three peer-reviewed articles in a single log in session.

Full text for all peer-reviewed articles from January 2003 to date is currently available on the ASPRS website. It is expected that older seminal articles will also be posted in scanned form, with searchable abstracts, by later in 2006. "Having these articles available online has been a goal for several years. ASPRS now has the capability to post these articles for ASPRS member use," said Kimberly Tilley, *PE&RS* Executive Editor. "This is a major benefit to all of our membership. The articles will remain on the 'Members Only' section of the website for at least one year, then selected articles will be posted on the main portion of the website for public access."

A key benefit of ASPRS membership is timely access to peer-reviewed journal articles discussing the most recent advancements in the science. ASPRS is committed to providing resources to its members in a manner that helps them solve their most pressing challenges through the application of technical information to their everyday work environment. By putting these published materials on line, available first to ASPRS members only, ASPRS is bringing those materials right to the desktop. In addition, ASPRS academic members benefit from access to the latest information, knowledge, and resources being published in the field. More information is available at www.asprs.org.



THE IMAGING & GEOSPATIAL INFORMATION SOCIETY

Puget Sound and Columbia River Regions

Technical Information Exchange Meeting Announcement And Call for Participation

The Puget Sound and Columbia River Regions of ASPRS are hosting their 9th Annual Joint Technical Information Exchange, **Thursday, November 10th**. This event is an informal opportunity for people who are interested in the topics of photogrammetry, remote sensing, GIS, and supporting technologies to learn more about what's going on in our own region in resource management, government, academia, and business. The information exchange is a day-long event in which regional practitioners may present a 10 to 15 minute talk on one of their recent projects. This is also an opportunity to learn new techniques, and meet other professionals in the mapping sciences. You don't have to present to attend.

Date: Thursday, November 10, 2005

Time: 9:00-3:00 (Setup time available for presenters: 8:30-9:00 a.m.)

Place: Vancouver Water Resource Education Center
4600 SE Columbia Way
Vancouver, Washington
(360) 696-8478

Registration/Presenter Abstract Deadline EXTENDED: October 25, 2005

Registration Fee:

Full Registration (includes lunch and abstracts)

ASPRS members: \$25

Non-members: \$35

Student Registration (includes abstracts, but not lunch. Add \$10 if lunch desired)

Student ASPRS members: free

Student non-members: \$10

Website: http://www.photogrammetry.org/ASPRS-PSR/10Nov2005_Tech_Exch.pdf
(Location, directions and registration forms download site)

Presenters:

Presenters are required to submit the **title** and a **200-word abstract** of their presentation and a short **biographical sketch** by email to either contact person below. (*Word (.doc) or .txt formats preferred.*) No commercial presentations or endorsements are allowed. ASPRS membership is encouraged but not required. A computer projector will be provided.

Puget Sound Region Contact:

Paul Mabry

I-Land Survey, Inc.

Phone: (253) 678-2229

Email: PMabry@i-landsurvey.com

Columbia River Region Contact:

Jim Meacham

Department of Geography

University of Oregon

Phone: (541) 346-5788

Email: jmeacham@uoregon.edu

**ASPRS Puget Sound and Columbia River Regions
2005 Technical Information Exchange**

Location:

Vancouver Water Resources Education Center
4600 S.E. Columbia Way
Vancouver, WA
(360) 696-8478

Parking: Ample FREE parking available at the meeting site

Directions:

From I-5 north- or south-bound:

- Take the Camas Highway Hwy 14 exit. Within ¼ mile, take Hwy Exit #1.
- Turn right, (south) at foot of off-ramp. Travel under the railroad berm.
- At the traffic light, turn left (east) onto Columbia Way.

From I-205 north- or south-bound:

- Take the Vancouver Hwy 14 exit. Travel approx. 4 miles to Columbia House Blvd, Exit #1.
- Proceed parallel to the freeway (west) to the freeway underpass intersection.
- Turn left (south) onto Columbia Shores. Travel under the railroad berm.
- At the traffic signal, turn left (east) onto Columbia Way.

From Downtown Vancouver:

- Travel toward the river on Columbia Blvd. Proceed under the I-5 bridge and continue on.
- Travel through the Columbia Shores traffic intersection. Continue past the Dead End sign.
- Turn left (north) at traffic circle and follow the Drive. Parking is available to left and right.

Lodging:

Homewood Suites by Hilton

701 SE Columbia Shores Boulevard, Vancouver, WA 98661
Tel: 360-750-1100 Fax: 360-750-4899
(Government Rate available)

REGISTRATION FORM
***** REGISTRATION REQUESTED BY October 25th, 2005*****

Make checks payable to "ASPRS Columbia River Region" and mail together with this form to:

James E. Meacham
 Department of Geography
 1251 University of Oregon
 Eugene, Oregon 97403-1251
 voice: 541 346-5788 fax: 541 346-2067
 email: jmeacham.uoregon.edu

Name: _____

Company: _____

Address: _____

Zip/Postal Code: _____

Phone: _____

Student? _____

FAX: _____

if yes add Lunch? _____

Email: _____

Registration Fee:

ASPRS members: \$25

Non-members: \$35

Full Registration (includes lunch and abstracts)

Student ASPRS members: FREE

Student non-members: \$10.00

(includes abstracts, but not lunch. Add \$10 if lunch desired)

Payment Method

Check

Credit Card (Visa, Master card or American Express)

If paying by Credit Card:

Card Type: (Circle one) Visa Master Card American Express

Cardholder's name: _____

Card Number _____

Expiration Date _____

Cardholder's signature: _____

CALENDAR: Fall 2005
Contributed by Jackie Olson

This is a selected group of local and regional events; for more listings and other organizations check the links at:
<http://www.asprs.org/columbiariver/calendar.html>

October 19-22: Association of Pacific Coast Geographers, Annual Meeting 2005
Arizona State University and Maricopa Community Colleges, Phoenix, Arizona
<http://geography.asu.edu/apcg/>

October 20-25: ACSM/NSPS Fall Meeting
Arlington, VA
<http://www.acsm.net/conference.html>

October 23-27: PECORA 16 - "Global Priorities in Land Remote Sensing," Sioux Falls Convention Center
Sioux Falls, SD
<http://www.asprs.org/pecora16/index.html>

October 24-25: Pacific Northwest GITA Chapter Annual Fall Conference. Enzian Inn, Leavenworth, WA
<http://www.gita.org/chapters/pacific/pacific.html>

November 7-10: American Water Resources Association and Washington State Chapter, 41st Annual AWRA Conference Red Lion Hotel, Seattle, WA
<http://www.awra.org/meetings/Seattle2005/>

November 17: GIS Day 2005 - "Migration: The Human Journey". Promote geographic literacy in schools, communities, and organizations, with a focus on the education of children. Local events and Geography Awareness Week
<http://www.gisday.com/>

December 5-9: 2005 AGU Fall Meeting. New Late Breaking Session on Katrina. This meeting will cover topics in all areas of Earth and space sciences.
Moscone Center West, San Francisco, CA
<http://www.agu.org/meetings/fm05/>

Advance Notice:

April 21-26, 2006: ACSM Spring Conference
Caribe Royale Resort, Orlando, FL
<http://www.acsm.net/conference.html>

May 1-5, 2006: ASPRS Annual Conference
Reno, NV
<http://www.asprs.org/meetings/calendar.html>

The Calendar will be updated with each issue.
Please send contributions to: jcolson@usgs.gov

ASPRS-CRR BOARD OFFICERS

NATIONAL DIRECTOR — Chris Aldridge
Spencer B. Gross, Inc.
13545 NW Science Park Dr
Portland, OR 97229
chris@sbqmaps.com

PRESIDENT: REGION — Anne Hillyer
Ciber/BPA
P.O. Box 61409
Vancouver, WA 98666-1409
akhillyer@bpa.gov

VICE-PRESIDENT: REGION — Jim Meacham
Department of Geography
1251 University of Oregon
Eugene, OR 97403-1251
jmeacham@uoregon.edu

SECRETARY-TREASURER — Brian Miyake
ValueCAD
2548 SE Ankeny St.
Portland, OR 97214-1727
brianm@valuecad.com

PRESIDENT: PAST — Bob Harmon
Oregon Water Resources Department
725 Summer St. NE, Suite A
Salem, OR 97301-1271
robert.c.harmon@wrds.state.or.us

NEWSLETTER EDITOR — Ralph Kiefer
15119 Oyer Dr
Oregon City, OR 97045
rwkiefer@aol.com

ACTING STUDENT LIAISON CHAIR — Ralph Kiefer
15119 Oyer Dr
Oregon City, OR 97045
rwkiefer@aol.com

WEBMASTER — Jackie Olson
USGS-WRD
10615 SE Cherry Blossom Dr
Portland, OR 97216
jcolson@usgs.gov

ADVISOR: STUDENT CHAPTER — Michael Wing
Oregon State University
Peavy Hall 215, OSU
Corvallis, OR 97333
michael.wing@orst.edu

ADVISOR: STUDENT CHAPTER — Geoffrey Duh
Portland State University
P.O. Box 751
Portland, OR 97207-0751
duh@pdx.edu

Thanks to Our Sponsors



Bergman Photographic Services, Inc.

Larry Bergman

7816 SE 13th Avenue (503) 239-6010
Portland, Oregon 97202 FAX: (503) 239-4637



Duncan Crowl
Territory Sales Executive

GIS & Mapping
93 Via Athena
Aliso Viejo • California 92656 • USA
949-586-9115 Fax 303-799-4809
duncan.crowl@gis.leica-geosystems.com
www.gis.leica-geosystems.com




David C. Smith & Associates, Inc.

PROFESSIONAL PHOTOGRAMMETRISTS AND
DIGITAL MAPPING SPECIALISTS



1734 S. E. Tacoma
Portland, Oregon 97202

DAVE SMITH, P.L.S., CP
President

Bus. (503) 232-5285
Fax. (503) 230-9052
Res. (503) 774-1769



Spencer B. Gross, Inc.
A Full Service Photogrammetry Firm


13545 NW Science Park Drive High-Accuracy Mapping
Portland, OR 97229 LIDAR
p(503) 646-1733 f(503) 626-4818 Scanning
e: info@sbgmaps.com Aerotriangulation
www.sbgmaps.com Digital Orthophotos
Aerial Photography Library



TITAN
National Security Solutions

David Ramirez
Department Director
Geospatial Services Division

The Titan Corporation
2010 Preisker Lane, Suite F
Santa Maria, CA 93454
Office: (805) 739-1860
Fax: (805) 739-1864
Cell: (805) 878-0364
Email: dramirez@titan.com
www.titan.com



Sal Kadri

- AutoCAD, MicroStation - Drafting, As-Built
- Scanning, CAD Conversion, Digitizing
- CAD, GIS, AM/FM, EDMS

2548 S.E. Ankeny St.
Portland, OR 97214 Ph. (503) 233-8796
email: sal@valuecad.com Fax (503) 731-9087



VALLEY AIR PHOTOS

CATHY GRAVILLE
Owner / Operator

P.O. BOX 1118
CALDWELL, IDAHO 83606-1118
TEL: 208 454-1344
FAX: 208 454-1345 www.VAPaerials.net