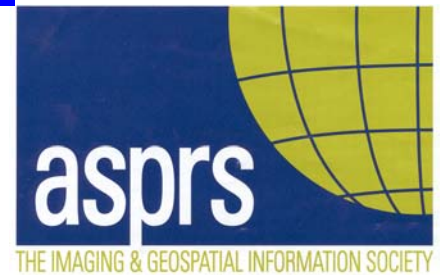

Wavelengths

Columbia River Region



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

Volume 2009:4 — December 2009

A word from Chris Aldridge, Director, Columbia River Region

Happy Holidays Columbia River Region!! 2009 is rapidly drawing to a close and reflecting on the year, we have accomplished quite a bit this year. We co-hosted GIS in Action to a successful and profitable end, helped to organize the Vexcel Camera technical session presented by Bergman Photographic Services, and co-sponsored the technical exchange with Puget Sound. Our student chapters continue to thrive and produce excellent programs and sessions as well as to help support our region in general. We can take pride in having an active and involved region to call our own.

An unavoidable personal situation occurred the day before my scheduled departure for San Antonio, and as a result, I missed that conference completely.

I can report on some of the board activity, although I will withhold a more complete report until I have the final board notes from San Antonio.

Fall is traditionally the budget meeting for ASPRS. This year the budget was unanimously passed, including an increase in the membership costs. This is always a very emotional issue, and I weighed in on it via email to Jim Plasker, prior to the ExCOM meeting and the Board Meeting. The Board decided that regular membership cost will increase to \$135.00 per year, a mere \$15.00 increase. Associate membership will increase by \$10.00 and student membership by \$5.00.

Plain and simple, membership in the ASPRS is still one of the least expensive professional societies to belong to, and provides an enormous bang for the buck.

Our society provides guidance to Federal and State government agencies, sits on a significant number of advisory groups to the President, NASA, NOAA, USGS, NSGIC, FGDC, International committees and the list goes on. You can take pride that you belong to the number one region (for three years) of the most active and influential professional society in the geospatial sciences and industry.

Once again, I wish you Happy Holidays and good an prosperous New year.

Here is to maintaining our Region of the Year standing within the society for 2010!





Columbia River Region of ASPRS
Is Searching for
The next **Vice President**

We will be installing our new Vice President
at our Annual Business meeting
and Chapter Banquet
after the New Year

We need to have several interested people submit their names for nomination.

The only qualification is membership in the
Columbia River Region of the ASPRS

This is a challenging and very rewarding position that will be graduated to the President's chair the following year.

Several of us who have served in this position had little previous involvement in the Regional Chapter but had an interest in promoting our science and providing opportunities to other professionals and students in our field. So the only thing holding you back is.....?

Please consider submitting your application with a brief history of your related professional and extra curricular activities.

Application Deadline: January 15, 2010

Send your submittal to:
Steve Lennartz, Past President ASPRS CRR
slennartz@sanborn.com

A Message from Erik Strandhagen, President, Columbia River Region

It is the final month of 2009 as I write this column, which causes me to reflect on the successful CRR ASPRS events that occurred this year. During the winter, CRR hosted the Annual Dinner at the EcoTrust Building that featured speaker Historian Chet Orloff, Director Emeritus of the Oregon Historical Society. In spring, CRR and URISA jointly hosted the 17th annual GIS in Action conference. During the summer, CRR co-hosted with Bergman Photographic Services the Vexcel Digital Camera Technical session. Finally, this fall, the Puget Sound and CRR ASPRS Regions co-hosted the 13th Annual Technical Exchange. CRR membership made these 2009 events thrive with your attendance and participation.

The most recent CRR event was the 13th Annual Joint Technical Exchange held October 2nd at the Vancouver Water Resource Education Center in Vancouver, Washington. There were approximately 60 attendees, which set a new record for attendance at this event. There were thirteen excellent papers presented that covered a variety of geospatial topics. The record attendance and strong content were due to the hard work of CRR Vice President Erik Brewster and Puget Sound Vice President Dr. L. Monika Moskal.

(continued on page 3)

Roger R. “Sky” Chamard



Sky receiving ASPRS Honorary Award from Mike Renslow

Roger R. "Sky" Chamard passed away December 18, 2009 in Eugene, Oregon. He was 85 years old.

Sky Chamard was selected as an Honorary Member of ASPRS – The Imaging & Geospatial Information Society in 1998. He has served the Society as Regional officer in two Regions and Regional Director and spent twelve years as a member of the National Executive Committee. He was appointed in 1981 to the Evaluation for Certification Committee and as Chair since 1985.

He received ASPRS Presidential Citations for his many years of contributions to the board and Executive Committee in 1999 and for the establishment and development of the ASPRS Evaluation for Certification Committee in 1998. He also received a Certificate of Appreciation for Meritorious Service for his contributions to the XVIII ISPRS Congress in Vienna, Austria in 1997. He also received the Ford Bartlett Award in 1993 along with Presidential Citations in 1970, 78, 82, 88, and 89.

Sky Chamard received his Bachelors degree from Oregon State University in 1959 and his Masters on Operations Research from George Washington University in 1966. Sky spent thirty plus years in the U.S. Forest Service as a Forester and Engineer. In 1953 he recognized photogrammetry and remote sensing as laborsaving technologies for transportation and forestry planning, and has since been a strong proponent of the technology. After serving in various positions of increasing responsibilities he was assigned to establish the Forest Service's Geometronics Service Center in Salt Lake City, Utah, and as its Director. After his retirement from the Forest Service he served as a consultant for several private firms.

Sky has been a mentor to many and his contributions to ASPRS and the profession has been invaluable.

(Continued from Page 2:)

I want to especially thank all the CRR members who consistently contribute to our organization and attend our local events, as well as the CRR Executive Board for their committed efforts to keep our region strong. I never cease to be amazed with the dedicated membership and talented group of geospatial professional in our region. Many members volunteered their time to actively participate and support the successful outcome of our 2009 events.

This year CRR Regional Director Chris Aldridge was the conference chair for GIS in Action and organized the Summer Technical Session in addition to his many other National ASPRS duties. Our Treasurer, Brian Miyake provided outstanding financial management and support for CRR activities this year. CRR Vice President Erik Brewster organized the 13th Annual Joint Technical Exchange and he is currently planning the 2010 Annual Dinner. CRR past President Steve Lennartz has provided support, insight and experience in the planning of these events. Student Chapter Liaison Committee Ralph Kiefer and Stephen Duncan have continued a great job working with the student chapters. Webmaster Jamie Ludwig led the huge effort to launch a new CRR website this year and was newsletter editor for most of the year. I am proud to announce Past President Roger Crystal is the new CRR Newsletter Editor. I believe the collective efforts of the CRR Board have once again put us as a strong candidate for ASPRS Region of the Year.

This is my last column as CRR President and I truly feel honored to serve in an ASPRS Region with such a fantastic group of geospatial professionals. Thank you CRR for the opportunity to contribute to our continued success and for the rewarding experience as CRR President.

Remember that the CRR Annual Dinner is in **early 2010** and that GIS in Action 2010 is going to be held April 14th & 15th at Portland State University.

**The next time you are online surf over to
the new CRR website:**

<http://www.asprs.org/ColumbiaRiver/index.html>).

Make sure you check out the calendar for upcoming events in the region and look for more content in the future



Tech Exchange hosted by CRR and Puget Sound ASPRS

Report from Portland State University Student Chapter

By Brian Block, President

On October 2nd, the PSU chapter took on the Columbia River & Puget Sound regions' annual technical exchange at the Vancouver Water Resources Education Center. This was a great space to hold a conference overlooking the Columbia River and nearly 50 acres of wetlands. Nadia Jones and Erin Smith presented on a product they developed with the Oregon DEQ called OR-IRIS (Oregon Incident Response Information System). It's a portable ArcReader based application that allows responders to see not only where an incident occurs, but also what resources, hazards, or concerns are nearby.

We celebrated GIS Day on November 18th with students displaying posters on various topics involving the geospatial technologies. Currently in the works, but too late for GIS Day are new promotional materials for the chapter. Nadia is using her skills as a graphic artist to create sticker designs that should be popular for students to apply to mugs and laptops. This will help raise our group's exposure on campus.



Nadia Jones and Erin Smith



Sarah Thompson, a recipient of last year's chapter scholarship gave a presentation on the impacts of cattle grazing to stream water quality on November 6th. GIS Analysis played a key role in discovering terrain characteristics attractive to cattle. Her scholarship award Was used for travel expenses to do some ground truthing in the study area of Eastern Oregon.

Dr. Richard Lycan from the Population Research Center presented "Older Moms Deliver: More Births to Older Moms, Gentrification, and School Enrollment Trends" to our group on November 20th. Dr. Lycan, previously of the geography department developed some fascinating map animations showing the impact of demographic changes both spatially and temporally. His research isolated characteristics that can be used to anticipate future trends in school enrolments.

We held a joint end of term gathering with the Geography Department and Friends of Geography to promote geospatial awareness. All participants contributed food and beverages with a turnout that exceeded all expectations. Bethany Pratt found an old undated globe in the department and thought it would make for an interesting puzzle. She analyzed changes to place names particularly in Africa and the Middle East to determine the approximate date. This was a challenging test for everyone's geographic acumen.

BREAKING NEWS

NORAD READY TO TRACK SANTA'S FLIGHT



It's that time of the year again and the North American Aerospace Defense Command is getting ready to track Santa! The NORAD Tracks Santa Web site, www.noradsanta.org, is now live and features fun holiday games and activities that change daily. The Web site is available in seven languages: English, French, German, Italian, Japanese, Spanish, and Chinese. On Dec. 24, the website will stream videos, captured by NORAD "Santa Cams," from numerous cities along Santa's journey.

This year, children and the young-at-heart are able to track Santa through Facebook, Twitter, YouTube, Flickr, and TroopTube.mil. To follow us on any of these Web sites, type in @noradsanta into the search engine and start your tracking.

New this year, OnStar is partnering with NORAD to provide OnStar subscribers with live Santa updates as they travel in their vehicles on Christmas Eve. Subscribers simply push the blue OnStar button to get status reports on Santa's whereabouts.

Also new and beginning at 12:00 a.m. MST on Dec. 24, visitors to the website can watch Santa as he prepares his sleigh, checks his list, and goes through all his preparations to ensure he has a successful journey.

As soon as Santa takes off from the North Pole, children can also track him with up-to-the-minute Google Maps and Google Earth reports.

Santa trackers will begin answering phones and replying to email at 4:00 a.m. MST (6:00 a.m. EST) on Christmas Eve. Children of all ages can call the NTS toll free number 1-877-Hi-NORAD (1-877-446-6723) or send an email to noradtrackssanta@gmail.com.



Welcome New CRR Members!

The members listed below have either joined (or rejoined) the CRR since Sept. 2009.

Ms. Kaileen Amish

Medford

The Columbia River Region Executed Committee reviewed the requests for funding from each of the ASPRS Columbia River Region Student Chapters. The requests were as follows:



**Oregon State University ASPRS Student Chapter
Proposed Budget Academic Year 2009-10**

Travel to conferences: Student chapter members travel to geospatial-oriented conferences every year including ASPRS National Conventions and GIS in Action. Funds are requested to support student participation in professional conferences. A maximum of \$500 will be allocated to support conference participation with preference given to students who give conference presentations or participate in activities that provide benefits that can be shared with other chapter members, such as professional certification preparation training.

Speaker and event support: The OSU chapter will continue to host speakers at select chapter meetings. Funds are requested to provide refreshments to be served during speaker presentations and other chapter events.

Research support: A modest budget amount is requested to support student research projects that have the potential to increase the visibility of the ASPRS student chapter and that support ASPRS interests. Previously, student support projects have been selected through a proposal evaluation and ranking. A similar format will be used to allocate awards during the upcoming school year.

Outreach events: The OSU chapter intends to sponsor outreach events that will promote ASPRS visibility on campus. The OSU chapter has sponsored GIS day events, geospatial activities at local schools, and other outreach activities during past years. Opportunities for supporting future activities will be evaluated based on their perceived value and community impact.

Travel to conferences	500
Speaker and meeting support	200
Research support	200
Outreach	100
Total for 2009-10 year	\$1,000

Prepared by OSU ASPRS officers and chapter advisor

President: Jacob Hendrickson, hendrjac@onid.orst.edu
Secretary: Robert Peckyno, peckynor@geo.oregonstate.edu
Treasurer: Maria Stefanovich, stefanma@onid.orst.edu
Chapter advisor: Michael Wing, michael.wing@oregonstate.edu



University of Oregon ASPRS Student Chapter
Proposed Budget Academic Year 2009-2010:

Speakers: UO-ASPRS will contribute \$100 to funds to bring a speaker to campus for the Geography Tea Speaker series. We are currently looking for speakers to bring to Eugene for this purpose.

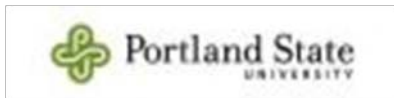
(Continued on Page 7)

Outreach: As a part of Geography Awareness Week and GIS Day in 2009, UO-ASPRS will contribute \$100 towards supplies for activities planned by the Geography Department. The main portion of these funds covered materials used during the activities of four classes of primary and middle school children who visited and learned about GIS technologies and the importance of maps. Additionally, throughout the academic year, UO-ASPRS will use an additional \$100 to support departmental outreach activities with college students and the community that encourage knowledge of the GISciences.

Conference Travel: Each year students attend conferences such as the Association of American Geographers, GIS-in-Action and ASPRS meetings. Funds will be used to compensate members who present at a conference. Up to \$500 will be distributed according to how many members present and by need.

Research Funding: A student competition will be held for any graduate student who is a member of ASPRS and who demonstrates need for funding for their graduate research. Award will be based on demonstrated need and will not exceed \$200.

Visiting Speakers	\$100
Student Outreach	\$200
Conference Travel/ Accommodation	\$500
Awards/Research Funding	\$200
TOTAL	\$1,000



PSU ASPRS 2006-2007 Budget Proposal

Copies and Office Supplies- \$0.00

Expenses incurred printing colloquium flyers, logo banners for events, or special projects.

Software- \$200.00

Remote Sensing and Analysis software purchases. Many new software programs have been released that could benefit graduate student projects or thesis work. Board members will agree on purchases and qualified users on a case by case basis.

Colloquium Expenses- \$200.00

Costs associated with by-weekly meetings and speaker series which include: colloquium speakers' parking expenses and in some cases partial lodging costs; catering- food, drinks and complementary utensils; Door Prizes-usually topical literature; gifts and/or thank you cards for speakers.

GIS in Action Scholarships- \$100.00

Increased interest in PSU ASPRS and GIS anticipates greater attendance for the spring conference.

(Continued on Page 8)

Conference Attendance- \$400.00

PSU ASPRS student members have recently presented at AAG, APCG, and Oregon Academy of Science. Increasing the budget line for research assistance and attendance sponsorship will facilitate greater participation by students in presenting posters and papers.

Field Trips- \$200.00

So far, field trips have been planned for Cascade Volcano Observatory in Washington State, Bergman's Photographic in Portland and Raven Maps in Medford Oregon. Transportation is the major expense.

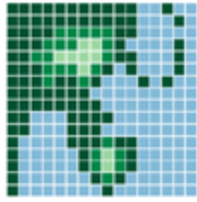
Annual Meeting- \$100.00

Last years annual meeting attracted many members and gave ASPRS exposure to other student groups at PSU unaware of ASPRS' goals and mission. Timing this event with another, such as a career fair or speaker series, would extract the most benefit.

Prudent Reserve- \$0.00

The prudent reserve provides future opportunities for ASPRS student members in the event of unexpected budget changes and a buffer at the beginning of the next school year.

After discussion, the ASPRS-CRR Executive Board approved the budgets submitted by the three student chapters.



GIS in Action

2010

**April 14 & 15, 2010 – Portland State University
Call for Presentations**

GIS in Action is moving back to downtown Portland and we would like to hear about what you are doing with GIS, Geomatics and all other applications of Spatial Science. Please submit an abstract along with a brief biography by December 2009 to: greg.newkirk@ci.vancouver.wa.us.

Suggested Topics for Presenting – If your topic isn't listed below, your abstract is still welcome. We are interested in everyone's ideas.

Environmental Modeling
Oceanography and GIS
Resource Management and GIS
Disaster Planning and Post-Disaster Recovery
Ecology and GIS
Public Health and GIS
Disease Spread and Tracking
Crowd Sourcing
Cartography & Visualization (AI, Flash, Map Publisher, Multimedia)
3-D GIS
Mashups and Web Applications
Advancements in Open Source

Integrating Open Source and Proprietary Software
Census 2010
Business Applications of GIS
Public Accessibility vs. Public Threat
Mobile Technologies
Mobile GIS, GPS and Digital Cameras
Navigation Technologies
Cadastral GIS & COGO
Surveying and GIS
Public Land Survey System
Low Distortion Projection Coordinate Systems
Imagery Acquisition
Lidargrammetry

ASPRS NATIONAL NEWS

Region of the Month – Congratulations to **Florida Region, the winner for October 2009** with eighteen new members. Special recognition will be given in the December 2009 issue of PE&RS.

Member Champions - From January 1 through October 31, 2009, we have **71 Member Champions** who have recruited **186** new members (**In 2008**, we had 61 Member Champions who recruited 157 new members; **in 2007**, we had 44 Member Champions who recruited 104 new members; **In 2006**, we had 47 Members Champions with a total of 151 new members. **In 2005**, we had 57 Member Champions with a total of 132 new members). The list of Member Champions as of September 30, 2009 is now posted on the intranet at <http://intranet.asprs.org>. This list will also be available in the **December 2009 issue of PE&RS**.

Member Champions Incentive - This information is also available on our web site at <http://www.asprs.org/membership/> Member Champions will receive a **10% discount off their next year's dues payment for every member recruited, plus \$5 in ASPRS Buck\$**. In order to process this reward, Member Champions need to be sure their name is listed on the membership application of the new members they have signed up. By signing up 10 individuals for ASPRS membership, you are eligible to receive **the Ford Bartlett Membership Award** and one year of free membership for yourself and **\$50 in ASPRS Buck\$**.

The Photogrammetric Applications Division (PAD) of the American Society for Photogrammetry and Remote Sensing (ASPRS) will be standing up a **new committee on Mobile Mapping**. While the PAD is currently the sponsor division for the lidar committee (which develops best practices specifications for airborne lidar collection and the ubiquitous LAS specification), we feel that Mobile Mapping is sufficiently different from airborne lidar as to warrant a separate committee. The overall goal of the new Mobile Mapping committee will be to:

- Provide a networking forum for companies and individuals involved in any aspect of Mobile Mapping
- Develop best practices for Mobile Mapping System data collection and processing
- Develop RFP templates to provide clients with a starting point for acquiring Mobile Mapping data and managing projects
- Promote Mobile Mapping to the potential client base
- Provide input to the LAS Specification group to ensure that the LAS format meets the needs of the Mobile Mapping community

The Airborne Lidar Committee has been one of the most active committees of the ASPRS. We believe, due to the explosive growth of Mobile Mapping, that this new committee will be equally popular, useful and successful.

We intend to host the inaugural meeting at the spring 2010 ASPRS Annual Conference in San Diego, California. At this meeting we will set a roadmap for the committee as well as elect a chair and vice chair.

The only requirement for participation in this committee is that you become (if you are not already) a member of ASPRS (<https://www.asprs.org/application/>).

Please let us know your interest in participating in this new committee by sending an email to Lewis Graham (lgraham@geocue.com). Please note that members are welcome to participate in both the Lidar Committee and the Mobile Mapping Committee.

ASPRS Meetings & Workshops

April 2010

ASPRS Annual Conference
Town and Country Hotel, San Diego, California
April 26-30
<http://www.asprs.org/SanDiego2010/>

November, 2010

ASPRS 2010 Fall Conference
Doubletree Hotel at Entrance to Universal Orlando
Orlando, Florida
November 15-18

May 2011

ASPRS 2011 Annual Conference
Midwest Airlines Center/Hyatt Hotel
Milwaukee, Wisconsin
May 1 - 5, 2011

November 2011

ASPRS 2011 Fall Pecora Conference
Hilton Hotel at Washington Dulles Airport
Herndon, Virginia
November 14-17

March 2012

ASPRS 2012 Annual Conference
Sacramento Convention Center (TBD),
Sacramento, California
March 19-23, 2012

March 2013

ASPRS 2013 Annual Conference
Baltimore Marriott Waterfront Hotel
Baltimore, Maryland

MAPPS Winter Conference

January 24-28, 2010

**The Westin Maui
Maui, Hawaii**

[Hotel Reservations](#)

[Registration, Hotel & Conference Information](#)

Thanks to Our Sponsors



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