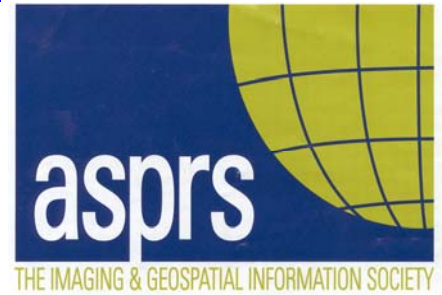


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# Wavelengths

## Columbia River Region



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

**Volume 2006:4 — December 2006**

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### President's Letter

Greetings,

This is my last letter as Columbia River Region President and I would like to reflect on the health of our membership and finances and acknowledge the folks that keep the ASPRS spirit alive and thriving here in the Columbia River Region.

Concerning membership in the Columbia River Region I can happily report an increase of over 6% in regular paid members (114) and a 9% increase in paid student members (36) according to the latest ASPRS Region Report. This is very significant in light that at the National level the ASPRS has experienced a 4% drop in membership. Beyond the normal activities that contributed to a sustained and healthy membership three things come to mind that should be recognized: Student Chapter activities, the Membership Champions, and the annual regional events.

I feel the student chapters are really the future of the organization. Our newest is the University of Oregon. Portland State University and Oregon State University are very active and regularly sponsor speakers and events and the UO is just getting started. I would like to thank all the student members and their faculty advisors for keeping these chapters thriving.

The second area I would like to highlight is the "Membership Champions" in the region. Membership Champions are members that are committed to actively recruiting new members. The Columbia River Region currently has four, Brian Miyake, Bret Hazell, Mike Renslow and yours truly. Brian won the highest membership honor, the "Ford Bartlett Award", at the National Reno meeting last spring for his efforts. I encourage anyone interested in becoming a membership champion to see the ASPRS website under membership for more information.

The third area is the annual events. I would like to thank David Kuhn for chairing this last April's GIS-in-Action (GIA) event and for being so bold as to chair it again this coming year. Last Spring's GIA was a great success in terms of attendance and the quality of program, and also importantly a financial success for the region. Congratulations David! I also want to recognize our regional Vice President, Steve Duncan for organizing the Remote Sensing and GIS national workshop last October and the upcoming ASPRS Technical Information Exchange scheduled for January 19<sup>th</sup>. Steve is also coordinating the Annual ASPRS-CRR Dinner and Business Meeting on February 16th at the Pearson Air Field with guest speaker ASPRS President Kari Craun. These events all keep the society healthy and moving forward.

In addition to membership, we are financially very strong with many thanks to the success of our annual events and the smart fiscal management of our Treasurer/Secretary, Brian Miyake.

Other key folks need to be acknowledged for their commitment to the Columbia River Region this past year. They include Chris Aldridge our National Director, he is the dynamo and all around mover and shaker of the region! Also, Anne Hillyer our past-president and newsletter editor, Ralph Kiefer, Student Liaison Officer, and Jackie Olson, our webmaster.

Our 2007 Vice Presidential election started Dec. 18 and will continue until Jan. 15. E-ballots have been sent to members with emails. We have one candidate, Steve Lennartz of Sanborn Mapping. Our bylaws require us to hold an election even if we have only one candidate.

Thanks for letting me serve your region this past year.

Sincerely,  
Jim Meacham  
ASPRS-CRR President

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## Directors Report for the Fourth Quarter 2006

Seasons Greetings Columbia River Region members! As we come to the close of another year, I want to express my sincere hope that you have had a healthy and prosperous year, and that 2007 is as good or better than 2006. I also want to express my thanks for your continued support of our region and your trust in me as the representative from the region to National.

Our fourth quarter in the Columbia River was a busy one. Kass Green, the current National Vice President, presented "Remote Sensing for Land Use Map Applications and Assessing the Accuracy of GIS Information" in October to a very receptive crowd. I spoke to Ms. Green at the fall board meeting and she expressed her thanks to the audience for their interest and attentiveness. The University of Oregon is now an official chapter of the CRR, and plans are in the works for the Region's annual meeting and installation of new officers, as well as the rescheduled technical exchange between the Puget Sound and Columbia River regions.

The Society held the Fall meeting in San Antonio, Texas during the week of November 5 to 11. This was a joint meeting with the Management Association of Private Photogrammetric Surveyors (MAPPS). The meeting was very well attended with 800 registered attendees, underscoring the appeal of San Antonio as a meeting spot. Overall the hotel and facilities made for a very nice venue for the conference. The exhibit hall was sold out and saw a great deal of traffic. I managed to speak with most of the vendors, and they were pleased with the attendance. The conference theme was "Measuring the Earth" and the program followed the theme very well. The technical sessions were very heavy on new and old technologies for developing contours, DEM, and DTM, and feature extraction from a variety of sources.

The Board of Directors met on Tuesday, November 7 following the Executive Committee meeting on Sunday November 6. The society is financially very sound with assets nearing 3 million. The board approved a budget for 2007 showing a deficit, but we have done this the last three years running and the society has come out ahead each time. The ASPRS Foundation is doing a tremendous job of managing all of the annual awards. Three of our awards are now fully endowed and a surplus is being generated adequate to increase each of those awards. Headquarters continues to thrive in a sound building, with good equipment and good morale.

The external affairs of our society continue to be directed heavily towards providing guidance for federal policy and other nationally important issues. The NCEES licensure continues to advance, with Virginia now joining the states with open grandfathering. The Licensure Committee is continuing to work towards an exam that will be used by all of the states.

Our own Doug Smith, the Assistant Division Director for the Professional Practice Division is engaged in revising the "Guidelines for Photogrammetric Services." The original document is at least a decade old and technological changes to this industry have rendered it obsolete. This is a BIG task and I applaud Doug for undertaking this challenge.

The future of earth imaging from LandsAT and other spaceborne platforms continues to be an area of uncertainty. For now the outlook is good, with the Bush administration backing programs to continue to provide earth imagery for public availability.

Membership continues to be a topic of discussion and concern. Our national membership numbers dropped 4% in 2006. The membership committee is continuing to explore the reasons and search for solutions to this problem. The focus of the society has changed from recruiting professionals to supporting more student chapters and recruitment. The newly formed Student Advisory council held it's first official meeting at this conference. The focus of this group will be on establishing better communication between the professionals of today with the professionals of tomorrow and the retention of student members after graduation. There have been a number of ideas floated to increase student participation including a "Co-op" fund to assist with travel, marketing certification and pre-certification and adding student members to standing committees.

In closing, we remain a financially healthy society of dwindling population. I believe that it is the responsibility of each of us to advance the society wherever possible. This can take place in your office, at a meeting, or at a local conference of geospatial professionals. Take the time to talk to a member of our profession and let them know what we can offer them. PSU is great example of what can be accomplished by a small group of motivated people. Their bi-monthly colloquia are attended by students and practitioners alike and extremely well received.

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### New Oregon Licensed Photogrammetrists

Roger E. Crystal  
Lindsey Gaylen

Raquel A. Charrois

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## Report from PSU Student Chapter

By Tyler Vick, President

The Portland State University ASPRS Chapter hosted a successful fall quarter colloquium series that ended with Jim Meacham from the University of Oregon presenting on writing the Atlas of Yellowstone. Upcoming winter speakers will include: Robert Kennedy from the Laboratory for Applications of Remote Sensing in Ecology (LARSE); Matt Stevenson, a Planner and GIS Analyst from CommEn Space; and Amy Lobben from the University of Oregon. For a colloquium schedule, topics and presentation times, please visit the ASPRS PSU Chapter's website at <http://www.psuasprs.groups.pdx.edu/calendar/calendar.html>.

Other upcoming events include: a January 26<sup>th</sup> field trip to the Vancouver USGS headquarters for a presentation on Mount St. Helens; and on February 2<sup>nd</sup>, the PSU Chapter will be holding its annual job market forum-panel presentation and discussion, featuring local professionals in the fields of GIS, Photogrammetry, Remote Sensing, and Cartography. Discipline outlooks and opportunities, resume building, and general advice will be discussed at the job forum. A PSU career center representative will also be present to review student resumes.

The PSU Chapter has committed itself to increasing Program Outreach activities at PSU. Future outreach activities will include: installing internal mechanisms for effectively tracking student membership information, including potential current geography and GIS certificate students; new email listings and information meetings for incoming GIS Certificate students; departmental outreach to geology, urban planning, environmental science, and engineering; and increased communication with departmental professors on promoting ASPRS membership.

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## Welcome CRR New Members!

The following members have joined (or rejoined) ASPRS since September, 2006:

Mr. Jann Halstead, Hood River, OR  
Ms. Marianne McClure, Portland, OR  
Mr. Quin Ourada, Corvallis, OR  
Ms. Gretchen Stolte, Eugene, OR

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## Report from OSU Student Chapter

By Michael Wing, Student Chapter Advisor

The OSU ASPRS Student Chapter had an organizational meeting during Fall term 2006 at which Michelle Kinzel was selected as Chapter President for the 2006/2007 academic year. Michelle brings great enthusiasm to this position and has already recruited additional Chapter members. Several club activities have been identified and include a GPS-mapping project that will produce mapping products for a local resource provider.

ASPRS-member Russ Faux of Watershed Sciences was invited to discuss LIDAR Acquisition and Applications as part of a Chapter event in October. Approximately 60 people attended this informative talk.

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## Report from the U of O Student Chapter

By Jacob Blair, President

The University of Oregon Student Chapter is still in the process of setting itself up and creating programs. We hope to assist in bringing a speaker to our geography department's spring tea seminar series, as well as assisting our members in travel to various conferences. We've also been working on bringing in new members to supplement our growth (and perpetuation). It's been a slow process, but we're seeing some positive responses.

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## New Student Blog

A Provisional Certification Program/Student Newsletter/Student Chapters/Student Blog are now available on the ASPRS National web site at <http://www.asprs.org>.



CRR Board members, seated l. to r.: Jacob Blair, Nancy Tubbs, Jackie Olson, Amy Lobben, Steve Duncan, Brian Miyake, Chris Aldridge, Roger Crystal. Standing, l to r: Anne Hillyer, Ralph Kiefer, Michael Wing, Joe Poracsky, Jim Meacham and Geoffrey Duh

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# COLUMBIA RIVER & PUGET SOUND REGIONS

## INFORMATION EXCHANGE MEETING ANNOUNCEMENT

**Date:** Friday, January 19<sup>th</sup>, 2007

**Time:** 9:00-4:00 (Setup time available for presenters: 8:00-9:00 a.m.)

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

**Registration / Abstract Deadline:** January 12, 2007

<b>Registration Fee:</b>	<b>Members</b>	\$25	<b>Non-members</b>	\$35	
	Includes box lunch and copy of abstracts				
	<b>ASPRS Student Member:</b>	Free	Lunch \$ 10	=	\$10.00
	<b>Non-member Students*</b>	\$10	Lunch \$10	=	\$20.00
	(Includes copy of abstracts)				
	<i>*Fee refunded if students register for ASPRS membership at session.</i>				

### **WHAT: Technical presentations by Professionals, Educators and Researchers.**

The Puget Sound and Columbia River Regions of ASPRS are hosting their 10th Annual Joint Information Exchange **January 19th**. This event is an informal opportunity for people who are interested in the topics of photogrammetry and remote sensing 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 local practitioners may present a 15-25 minute talk on one of their current or recent projects. This is also an opportunity to learn new techniques, meet new contacts, and refresh old ones. Projectors (overhead, conventional, and multi-media) will be available, but presenters must be concise with their presentations and keep them under 10 minutes to allow for questions and timely proceedings.

Speaker slots will be limited due to the single-day schedule, so get your requests in early to insure your slot.

In addition to the visual presentations, each speaker will submit a 1-page description of the project and a 1-page profile of their organization (forms are on pages 4 and 5). The 1-page write-ups must be submitted by registration deadline so they can be compiled into a notebook for distribution at the meeting. Lunch and the notebook will be included in the registration fee.

### **WHO: ASPRS Members and Non Members interested in expanding their knowledge.**

Anyone interested in learning more about photogrammetry, remote sensing and related fields or who wish to share information about interesting or unusual projects in these areas are welcome. We also encourage presentations on the increasing integration of these technologies with GIS applications. So please, extend this invitation to your colleagues who work in the areas of photogrammetry and remote sensing. No commercial presentations or endorsements are allowed.

Of course, non-presenters and students are encouraged to attend and learn more about innovative technologies being utilized in our region. We particularly want to encourage non-members to come find out more about ASPRS. As an encouragement, Student attendees who wish to join ASPRS the day of the session will have the **registration fee refunded**. In addition, any person or company can sponsor a student by covering the \$10 registration fee, so please consider sending them to this session to learn more about our industry and society.

**WHERE:** The meeting will be held at the  
**Vancouver Water Resources Education Center:**  
4600 S.E. Columbia Way, Vancouver, WA. 360.696.8478

The complete registration form and more information are posted on the Columbia River Region website:

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

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## Call for Papers and Invitation to Attend

The Annual Meeting of the Oregon Academy of Science will be held Saturday, February 24, 2007 at Western Oregon University in Monmouth. Each year in the Geography Section there are at least half-dozen papers with a major focus on areas of potential interest to ASPRS members – GIS, remote sensing and cartography. ASPRS members are invited to make presentations or to just attend. Details on registration and Abstract submission are available at [www.oas.pdx.edu](http://www.oas.pdx.edu).

Participation is possible as both an Oral Paper (about 15 minutes length) and a Poster Paper. Presentations at this one-day meeting generally run from about 8 AM to 3 PM, depending on the number of papers submitted. Presenters include graduate students, college faculty, private industry consultants, and government agency personnel. The Geography Section draws about 35+ attendees and is traditionally one of the larger of the 12 disciplines at the Academy meeting.

A PDF flyer with details on the meeting is available at [www.geog.pdx.edu/events.html](http://www.geog.pdx.edu/events.html). Please feel free to download the flyer and circulate it among your colleagues who might be interested. The deadline for submitting Abstracts is Friday, January 12, 2007. A copy of the Geography Section Program will be available after January 15 at the above Geography web site.

If you have questions or want further information, contact either of the Geography Section Co-Chairs, Jeff Baldwin, Willamette University, [jbaldwin@willamette.edu](mailto:jbaldwin@willamette.edu) or Joe Poracsky, Portland State University, [poracskyj@pdx.edu](mailto:poracskyj@pdx.edu), 503/725-3158.

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## Oregon Remote Sensing Workshop and Training Session 2007

Sponsored by Oregon State University Libraries, Oregon Department of Administrative Services, NASA, and NSGIC

Description: one day free Oregon Remote Sensing Workshop followed by a half-day training session on basic image processing. Small fee to participate in training session.

Date/Place: Workshop to be held from 8:00 to 4:30 pm on Wednesday, February 14, 2007 at the LaSells Stewart Center, Oregon State University, Corvallis, Oregon. Half-day training session on February 15, 2007.

The goal of the Oregon Remote Sensing Workshop 2007 is to get more people at local, state, regional, and

tribal levels using remote sensing imagery and sharing access to acquired imagery in the State of Oregon.

Workshop objectives:

1. Educate potential users in remote sensing applications
2. Understand the remote sensing users and needs in Oregon
3. Facilitate imagery contributions to Oregon's new Imagery Portal

Target audience: Users of imagery and image products in Oregon

Training Session Instructor(s): Dr. Anne Nolin (Oregon State University, College of Geosciences Professor) will teach a half day training session on basic image processing in conjunction with the Oregon Remote Sensing Workshop. Anne currently teaches Remote Sensing of the Environment (GEO 444/544) that covers physical principles of remote sensing, remote sensing applications, and image analysis. She also teaches Digital Image Processing (GEO 466/566) that covers basic and intermediate image processing techniques.

Website: <http://oregonstate.edu/conferences/remotesensing2007/>

### Oregon Remote Sensing Workshop Agenda

- 8:30 Welcome and Workshop Overview
- 8:45 Remote Sensing Primer and Refresher
- 9:30 Overview of NASA's Data Products and Activities in the 12 National Application Areas
- 10:30 Remote Sensing Applications and Products  
*Experiences shared and products derived from the use of different types of high and low resolution sensors for a variety of natural resource application areas.*
- 12:00 Lunch and Networking  
*Exhibit Space and Poster Session will be available for viewing in lunch room. Lunch will be available for purchase with registration.*
- 1:15 Panel on Collaborative Imagery Applications and Use at State and Local Levels  
*Discussion of issues, benefits of collaborations, needs, recommendations*
- 2:15 Overview of Oregon Imagery Portal
- 3:00 "Lightning Talks"  
*Quick identification of available user applications, services, user needs for image product and services*
- 4:15 Closing Remarks
-

ANNOUNCING  
THE COLUMBIA RIVER REGION  
AMERICAN SOCIETY FOR PHOTOGRAMMETRY  
AND REMOTE SENSING

**2007 ANNUAL DINNER AND MEETING**

Featuring:

Guest Speaker:

**Kari Craun, ASPRS National President**

Who will address:

**The Future of Photogrammetry and Remote Sensing  
how diversity enhances our craft**

**on**

Friday, February 16, 2007

at the

**Pearson Air Museum Main Hanger**



On the

Ft. Vancouver Historic Reserve  
1115 East 5<sup>th</sup> Street  
Vancouver, WA 98661

From 6:30 pm to 11:00 pm

JOIN YOUR FELLOW REMOTE SENSORS FOR OUR ANNUAL  
CELEBRATION AND INSTALLATION OF OFFICERS!

GIFT SHOP OPEN FROM 6:30 – 8:00  
DRINKS AND HORS D'OEUVRES AT 7:00  
BUFFET DINNER AT 8:00

BUSINESS/SPEAKERS AT 9:00

DOOR PRIZES AT 10:00

ACCESS TO ALL EXHIBITS FOR THE ENTIRE EVENING

***Suggested hotel accommodations will be provided***

Tickets: \$20.00/individual, \$35.00/couple, \$10.00/student

For reservations, contact Anne Hillyer by phone: 360-619-6413 or e-mail: [scduncan@bpa.gov](mailto:scduncan@bpa.gov)

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## Dean Merchant Approved as ASPRS Honorary Member

Dean Merchant will be the next Honorary Member of the American Society for Photogrammetry and Remote Sensing (ASPRS). His nomination was approved by the ASPRS Board of Directors at their recent meeting in San Antonio, Texas. The highest award an ASPRS member can receive, there are only 25 living Honorary Members of the Society at any given time. Candidates are chosen by a Nominating Committee made up of the past five recipients of the award and chaired by the most recent recipients. Robert H. Brock, Jr. and Roy R. Mullen served as this year's co-chairs.

Initiated in 1937, this life-time award is given in recognition of individuals who have rendered distinguished service to ASPRS and/or who have attained distinction in advancing the science and use of the geospatial information sciences. It is awarded for professional excellence and for at least 20 years of service to ASPRS. Merchant, who has been a member of ASPRS since January 1956, will receive the award in 2007.

Dean Merchant was born in Independence, Iowa in 1928. He entered the Navy Aviation V-5 program after completing high school in 1946. Following his discharge in 1949, he entered the University of Illinois where he completed a BSc in Civil Engineering in 1951. Joining the USAF after graduation, he served in the Air Research and Development Command as a Geodetic Survey Officer involved with the establishment of primary control for the missile range off Cape Canaveral. In 1953 Merchant joined the Air Force Reserve, serving in the Systems Command, and achieved the rank of Colonel in 1975.

Merchant worked as a design engineer at Howard, Needles, Tammen, & Bergendoff in Kansas City before entering graduate school at The Ohio State University (OSU) in 1953. After receiving a MSc in Photogrammetry in 1955, he joined the Aero Service Corporation where he traveled to establish ground control for aerial topographic mapping. In 1956, he joined Fairchild Camera & Instrument Corp. in Long Island, New York. He worked there as a photogrammetric engineer until 1960 when he briefly served as Town Engineer for the city of Smithtown before joining the faculty of Syracuse University as an Assistant Professor. Merchant continued his doctorate studies in the Department of Geodetic Science at OSU and received his PhD in 1967. Later, he attended the Air War College (1976-77) and before retiring from the military in 1981, was MA to the Commander of the Rome Air Development Center. He later became a professor in the Geodetic

Science and Surveying Department at OSU and retired as Professor Emeritus in 1988.

Merchant's professional activities and honors include: President of Great Lakes Region, ASP (1971-72); President Ohio Chapter, ASP (1972-73); Chairman of Cartographic Surveying Committee, ASCE (1972-73); Vice-Chairman, ISPRS Working Group on Image Geometry (1973-80); Chairman, National Cadastral Surveys Committee, ASP (1973-75); Chairman of Nominations Committee for National Officers, ASP (1975); Chairman, Committee on Cartographic Surveying, ASCE (1977-79); Honorary Membership, Sociedade Brasileira De Cartografia (1979); National Director, Photogrammetric Applications Division, ASP (1980-81); Member of Executive Committee, National Board of Directors, ASP (1980-81); Chairman, National Specifications and Standards Committee, ASPRS (1981-90); Chairman, GPS Applications to Photogrammetry, ASPRS (1988-1992); Fellow Award, ASPRS (1997); Editor, ASPRS Eastern Great Lakes Region newsletter (2003 to present). He received the Talbot Abrams' Grand Award from ASP in 1974 and the John I. Davidson First Place Award for Practical Papers from ASPRS in 1994.

Since retiring in 1988 from OSU, Merchant remains active as a Professional Engineer and Surveyor, and has established Topo Photo, Inc. He has continued development and testing activities in connection with aerial camera calibration, including flying cameras in his Cessna 150.

Founded in 1934, ASPRS is an international professional organization of 6,000 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.



CRR Nat'l Director Chris Aldridge at the September 2006 Board Meeting

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## COLUMBIA RIVER REGION EVENTS

Contributed by Jackie Olson

January 19, 2007: ASPRS Technical Exchange, jointly sponsored by CRR and Puget Sound Regions. Vancouver Water Resource Education Center Vancouver, WA. See page 4 of this newsletter for details. Contact: Stephen Duncan, Phone: (360) 619-6413, FAX: (503)233-8792; E-mail: [scduncan@bpa.gov](mailto:scduncan@bpa.gov)  
<http://www.asprs.org/ColumbiaRiver/>

February 16, 2007: ASPRS Columbia River Region Annual Dinner Meeting, Pearson Air Park At the Reserve, Vancouver WA. See page 6 of this newsletter.  
<http://www.asprs.org/ColumbiaRiver/>

### JANUARY

January 8 - March 19, 2007: 2007 Geomatics Workshops, OSU Civil, Construction, and Environmental Engineering: Land Surveying Review Course, Oregon Land Survey Workshop, Least Squares Adjustment, Geodesy, State Plane Coordinates, & OPUS, and US Public Land Survey, Oregon Water Rights Workshop, Corvallis, OR.  
[https://secure.engr.oregonstate.edu/ccee/survey\\_reg\\_07.html](https://secure.engr.oregonstate.edu/ccee/survey_reg_07.html)

January 9 - March 13, 2007: 2007 Winter Seminar Series, OSU Dept. of Geosciences: Geovisualization: A Window to Earth Surface, Structure and System, Tuesdays, 4:00 pm in Gilfillan Auditorium, Corvallis, OR.  
[http://www.geo.oregonstate.edu/events/SeminarSeries/Seminar\\_Current.htm](http://www.geo.oregonstate.edu/events/SeminarSeries/Seminar_Current.htm)

January 12, 2007: "It's Not Nice to Fool Mother Nature: Man-Made Structures and Jokuhlaups at White River Glacier, Mount Hood, Oregon." Ken Cameron, DEQ, speaker. 8 P.M. Room S17, Cramer Hall, Portland State University, Portland, OR.  
<http://www.gsoc.org/frisched.html>

January 15, 2007: Deadline for the American Congress on Surveying and Mapping, Cartography and Geographic Information Society (ACSM/CaGIS) 34th Annual Map Design Competition  
<http://www.acsm.net/mapcontest.html>

### FEBRUARY

February 14-15, 2007: Oregon Remote Sensing Workshop and Training Session, 8:00-4:30, LaSells Stewart Conference Center, Oregon State University, Corvallis, OR.  
<http://oregonstate.edu/conferences/remotesensing2007/>  
See page 5 of this newsletter for details.

February 24, 2007: Oregon Academy of Science 2007 Annual Meeting, Western Oregon University, Monmouth, OR.  
See page 5 of this newsletter for complete announcement.

<http://www.oas.pdx.edu/>

February 28, 2007 - March 3, 2007: 2007 Annual Conference - Land Surveyors' Association of Washington, "Licensed to Survey", Tacoma, WA.  
<http://www.lsaw.org/>

### MARCH

March 4-7, 2007: Integrating GIS & CAMA Conference, by URISA and the International Association of Assessing Officers. Las Vegas, NV. <http://www.urisa.org/conferences/cama/program>

March 4-7, 2007: GITA Annual Conference 30, San Antonio, TX.  
<http://www.gita.org/events/events.html>

March 9-12, 2007: 2007 Annual Conference and Technology Exhibition, American Congress on Surveying and Mapping, Illinois Professional Land Surveyor Association (IPLSA) and Missouri Society of Professional Surveyors (MSPS), St. Louis, MO.  
<http://www.acsm.net/conference.html>

### APRIL

April 17-18, 2007: 2007 GIS in Action Conference sponsored by URISA and CRR-ASPRS, Vancouver WA.  
<http://www.orurisa.org/events/gisinact/2007event/index.html>

April 17-21, 2007: Annual Meeting of the Association of American Geographers, San Francisco, CA. <http://www.aag.org/annualmeetings>

April 15-18, 2007: Geospatial Integration for Public Safety Conference (GIPSC) (formerly GIS in Addressing: Street Smart & Address Savvy), New Orleans, LA.  
[http://www.urisa.org/conferences\\_workshops](http://www.urisa.org/conferences_workshops)

### MAY

May 7-11, 2007: ASPRS Annual Conference Marriott Tampa Waterside Hotel and Marina, Tampa, FL.  
<http://www.asprs.org/tampa2007>

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