

# Wavelengths Columbia River Region

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



Volume 2001:4 - February, 2002

## COLUMBIA RIVER REGION ANNUAL DINNER

This year's annual dinner, held at Willamette Winery, featured a really fine dinner, wine-tasting, installation of the new board, some great door prizes and a presentation by Dr. Daniel Dzurisin of the U.S. Geological Survey. Twenty-seven members attended. Holding the meeting near Salem, it was hoped, would bring in more members from south and central areas.

Dr. Dzurisin spoke on the recently discovered deformation near Three Sisters Peak in the Cascades and the role of Radar Interferometry in monitoring the changing structure. Even when covering the details of the radar technology, the talk was clear, lively, and informative; several members noted that non-specialists found it understandable, not an easy task. The questions brought the topic into the implications for future applications in identifying earth movement zones. We'd like to thank him for a great contribution to the evening.

Margo Blosser took over as this year's president. Vice President will be Chris Aldridge, and newcomer Bob Harmon of the OWRD will serve as secretary/treasurer. Tom Pagh was elected to a second three-year term as the region's National Director.

For more information on the Three Sisters study: <http://vulcan.wr.usgs.gov/Volcanoes/Sisters/WestUplift/framework.html>



Doug Smith, outgoing president, passes the venerable "film canister" gavel to Margo Blosser. Doug will still be involved in several region activities.

## PRESIDENT'S LETTER: MARGO BLOSSER

Thirteen years ago I attended my first Columbia River Region ASPRS function as the recipient of an ASPRS student scholarship. The scholarship included a student membership to ASPRS and a subscription to the PE&RS journal. The PE&RS journal articles proved useful so I continued on as an ASPRS member. As a student ASPRS member I never dreamed that thirteen years later I would become the President of the Columbia River Region, it truly is an honor.

As the Columbia River Region ASPRS President I hope to increase the awareness and knowledge of the professional certification programs available through National ASPRS. Most ASPRS members are aware of the certification programs but many are unsure how to prepare for the examination. In addition to certification, my Presidential duties will include, working with the committee formed to discuss the overlap between Photogrammetry, GIS and Surveying.

The 2002 Columbia River Region Board of Directors is representative of the geospatial community with members from GIS, Photogrammetry and Remote Sensing. The diverse professional experiences of the Board will be continue to be an asset for developing innovative ideas for the region. We are very pleased to have Bob Harmon as the new Columbia River Region, Secretary/Treasurer. Bob is the GIS Coordinator for the Oregon State Water Resources Department and the Chair for the Oregon Hydrography Framework group.

## ***GIS IN ACTION 2002*** ***"GIS - A COMMON DENOMINATOR"***

The GIS in Action conference has been an annual tradition with our region for the past 10 years. This year's conference will be held April 1-3 at the Lloyd Center Double Tree Inn in Portland and will again be jointly sponsored by the Columbia River Region ASPRS and the Oregon/Southwest Chapter of URISA. Register early (before March 15) to save on fees.

This year's conference theme is "GIS: A Common Denominator." Technical workshops will be presented on the first day of the conference, Monday, April 1st. Workshops will include 2 hour, ½ day and full day workshops addressing a wide variety of current technologies in GIS and remote sensing. Plenary sessions, vendor exhibits and educational breakout sessions will open on Tuesday, April 2nd and continue through the close of the conference on Wednesday April 3rd.

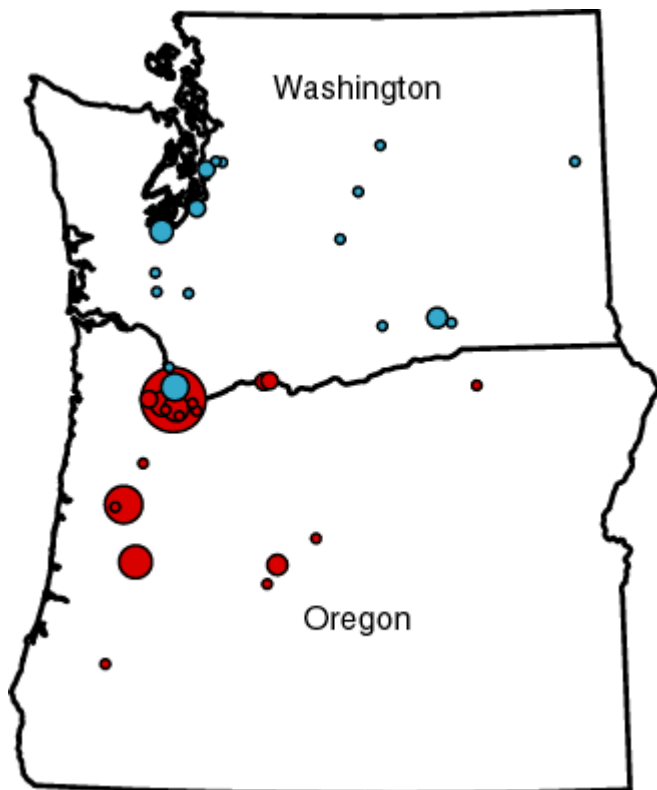
Jack Dangermond, President of ESRI, will present this year's opening keynote address Tuesday morning. Two additional plenary presentations are scheduled during each of the two the lunch breaks. Tuesday's lunch topic will address activities by URISA and the ASPRS regarding certification of mapping sciences professionals and will be presented by Bill Gentes, URISA's Executive Director, and Mike Renslow, co-chair of the ASPRS Certification Committee. During Wednesday's lunch session Jeff Leonard, President of Earth Data International of Maryland, will present his firm's use of airborne sensors to support search, rescue, and recovery efforts in the wake of the September 11th World Trade Center disaster.

Concurrent educational sessions will be held Tuesday and Wednesday and will be divided into two tracks: "Policy and Management" and "Technology and Process." These sessions will address topics such as systems integration, data accuracies, the integration of GIS and IT, registration/licensing issues affecting photogrammetry and GIS professionals, professional practices and contracting issues in GIS data development, current technologies for developing GIS topographic base layers, GIS applications for security of critical infrastructure, GIS in public works applications and education.

The Applications Fair, which was initiated last year, will again be featured as this year's closing session. In conjunction with the Applications Fair, there will be a raffle with some outstanding prizes. A computer was given away as last year's grand prize. This year the prizes are expected to be even better.

Keep checking the conference web-site for updates on the program and information on registration. The conference web site can be accessed through links at our region web page ([www.asprs.org/columbiariver](http://www.asprs.org/columbiariver)) or through the local URISA web site ([www.orurisa.org](http://www.orurisa.org)).

## ***GIS IN ACTION II***



Map of Columbia River Region member locations: the smallest circle shows one member, the large circle at Portland is 37 members.

### ***IS IT SURVEYING OR IS IT GIS?: AN UPDATE ON DISCUSSIONS REGARDING THE OVERLAP BETWEEN PHOTOGRAMMETRY, GIS AND SURVEYING - DOUG SMITH***

During the last legislative session (Spring 2001), the Professional Land Surveyors of Oregon (PLSO) presented a bill (House Bill 3944) to the legislature in order to revise the State statutes that regulate the practice of land surveying in Oregon. A majority of the items in the bill dealt with the technical and administrative aspects of conducting surveys and did not affect any other professional disciplines. One section of the proposed legislation, however, would have redefined the practice of surveying. Under the new definition, many of the tasks performed by GIS and remote sensing specialists could potentially have been interpreted as “surveying” under the new state

statute. Because of the potential impacts on current GIS and remote sensing practices, several local professional organizations opposed the section of the legislation that sought to change the definition of surveying. After testimony was presented at the legislative committee hearings and the issue was discussed with the PLSO, an agreement was reached to remove the “redefinition” section from the proposed legislation.

In response to the issues that were identified by the proposed legislation, a committee has been formed consisting of representatives from the local survey, GIS and remote sensing professional organizations. Those organizations include OGIC, OGISA, URISA, OAC, OACES, PLSO, OSBEELS, ASPRS and ORMAYS. The goal of this committee is to better define potential areas of overlap between the survey, photogrammetry and GIS professions, and, ultimately to identify a proposed course of action to resolve these issues. To date, discussions have centered around attaining a clear definition of the problem, with emphasis on identifying specific GIS and remote sensing practices that could potentially overlap with survey practices currently regulated by state law.

The committee has established a web site to post the meeting notes and results of discussions. That web address is: [http://www.gis.state.or.us/coord/task\\_force.html](http://www.gis.state.or.us/coord/task_force.html). The committee will also present an interactive session at the GIS in Action conference to discuss actions taken so far and to get feedback on the issues at large. As more information is obtained and specific recommendations are formed they will be posted to the web site. We are encouraging our members to participate in this discussion as feedback from our membership will be critical if we are to find an acceptable resolution to this issue.

### ***SCHOLARSHIPS FOR 2002 STUDENT MEMBERSHIPS***

Scholarship applications will be available soon. The Columbia River Region will sponsor two scholarships, one for a graduate student, and one at under-

## LIST OF BOARD OFFICERS

graduate level in 2002. The scholarship award includes a cash award of \$1,000.00, an ASPRS student member renewal for 2003, and a complimentary registration for GIS in Action 2003. The application forms and other information will be presented at the web site (or may be requested by mail). An announcement will be made when the application period opens.

The scholarships are part of an ongoing effort to bring new members into the organization. If there are students in your workplace, encourage them to apply for the awards. Student memberships (through student chapters) are being subsidized so that the cost is \$10 a year (saving \$30). Contact any board member for details.

The national organization also offers scholarships and awards. Check their web site: <http://www.asprs.org/membership.html>

### ***SPONSORS HAVE A NEW VENUE***

Sponsors to the newsletter have a new benefit with the addition of the Region's webpages. Where the newsletters will still publish the business card of the sponsor, they will also be added to a separate page on the website. The card will now also serve as a link to the sponsor's webpage. The cost is \$125 per year, for four newsletter issues and the website listing. Contact Chris Aldridge at [chris@sbgmaps.com](mailto:chris@sbgmaps.com) or c/o Spencer B. Gross, Inc., 13545 NW Science Park Dr., Portland, OR 97229, to update your sponsorship or start a new one.

### ***MISSING MEMBERS***

Recent E-mail and postal mail returns have highlighted a number of incorrect or missing addresses. We'd like to keep our connections as correct as possible. If you have moved or changed mail in the last year, or know of a member who has, please check the information you provided to ASPRS Member Information Services. We receive our mailing list from their lists. We know some members do not have internet access, so if you need paper copies of newsletters, announcements, etc., send a note to the editor with a mailing address.

NATIONAL DIRECTOR - Thomas L. Pagh, CP  
Spencer B. Gross, Inc.  
13545 NW Science Park Dr  
Portland, OR 97229  
[tom@sbgmaps.com](mailto:tom@sbgmaps.com)

PRESIDENT: REGION - Margo Blosser  
SGI  
423 E. 3rd  
Hood River, OR 97031  
[mblosser@gorge.net](mailto:mblosser@gorge.net)

VICE-PRESIDENT: REGION - Chris Aldridge  
Spencer B. Gross, Inc.  
13545 NW Science Park Dr  
Portland, OR 97229  
[chris@sbgmaps.com](mailto:chris@sbgmaps.com)

SECRETARY/TREASURER - Bob Harmon  
Oregon Water Resources Department  
158 12th St. NE  
Salem, OR 97310-4172

PRESIDENT: PAST - Doug Smith  
David C. Smith & Associates  
1734 SE Tacoma  
Portland, OR 97202  
[dsapdx@easystreet.com](mailto:dsapdx@easystreet.com)

EDITOR: NEWSLETTER - Jackie Olson  
USGS-WRD  
10615 SE Cherry Blossom Dr  
Portland, OR 97216  
[jcolson@usgs.gov](mailto:jcolson@usgs.gov)

EDITOR: REMOTE SENSING - Ralph Kiefer  
15119 Oyer Dr  
Oregon City, OR 97045  
[rwkiefer@aol.com](mailto:rwkiefer@aol.com)  
[rwkiefer@facstaff.wisc.edu](mailto:rwkiefer@facstaff.wisc.edu)

ADVISOR: STUDENT CHAPTER - Michael Wing  
Oregon State University  
Forest Engineering Department  
Peavy Hall 215, OSU  
Corvallis, OR 97333  
Phone: (541) 737-4009  
Fax: (541) 737-4316  
[michael.wing@orst.edu](mailto:michael.wing@orst.edu)

ADVISOR: STUDENT CHAPTER - Art Benefiel  
Central Oregon Community  
Associate Professor  
Ecosystem Technologies  
21121 Bayou  
Bend, OR 97702  
Phone: (541) 383-7703  
Fax: (541) 383-7509  
[a.benefiel@cocc.edu](mailto:a.benefiel@cocc.edu)


## SPONSORS



**Bergman Photographic Services, Inc.**

Larry Bergman

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



**RICHARD GRAVILLE**

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



**TITAN SYSTEMS CORPORATION**  
AVERSTAR GROUP

**ROGER E. CRYSTAL**  
GIS Site Manager

4099 SE International Way, Suite 206  
Portland, OR 97222-8953 Tel: (503) 794-1344 x116  
Email: roger.crystal@titan.com Fax: (503) 794-1350



**EAGLE**  
GPS Survey Corporation

**AL HERTEL**

13545 N.W. Science Park Drive  
Portland, Oregon 97229  
(503) 643-1073



**Tom Pagh**  
Project Manager  
Certified Photogrammetrist

**Spencer B. Gross, Inc.**  
Photogrammetric Engineering

13545 N.W. Science Park Drive Portland, Oregon 97229  
503-646-1733 Fax 503-626-4818  
e-mail: info@sbgmaps.com home page: www.sbgmaps.com

## SPONSORS



**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



**Carl Zeiss, Inc.**  
61 Inverness Drive East  
Suite 102  
Englewood CO 80112

**Kent L. Park**  
Western Region Sales Manager  
Photogrammetry Division

(303) 799-6838  
(303) 799-8159 Fax  
(303) 637-6924 Voice Mail  
kpark@czi.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) 232-5288  
Fax: (503) 230-9052  
Res. (503) 774-1709

The shape of information



**3Di, LLC**  
3400 Wes. 11th Ave.  
Eugene, OR 97402  
541.343.8877  
(fax) 541.343.8879  
bhzell@3dilc.com  
www.3dilc.com

**Bret J. Hazell**  
Regional Director, West Region  
Mapping Services

# CALENDAR 2002

SELECTED SCHEDULED EVENTS - Contributions welcome.

\*\*\*\*\*

## FEBRUARY

20-23: Annual Conference - The Next 50 Years. Skamania Lodge, Stevenson, WA <http://www.isaw.org/2002conf.htm>

26: Willamette Valley GIS Users Group Quarterly Meeting, Albany, OR <http://www.orurisa.org/wgisug/events.html>

\*\*\*\*\*

## MARCH

17- 20: 2002 GITA Annual Conference, Tampa Convention Center, Tampa, Florida USA GITA's Annual Conference and Exhibition. [http://www.gita.org/events/conferences/gita\\_annual/02\\_25/02\\_25\\_open.html](http://www.gita.org/events/conferences/gita_annual/02_25/02_25_open.html)

19: GPS User Group Workshop - One day workshop on Cooperative RTK Networks on March 19th in Vancouver, WA. Of interest to anyone using GPS, especially users of RTK. <http://home.netcom.com/~syab/index.htm>.

19-23: Association of American Geographers, 2002 Annual Meeting, Los Angeles, California, <http://www.aag.org/>

30: Portland Area GIS User Group Meeting- Agenda: (See latest PAGIS News) at TRI-MET, 710 NE Holladay Street, Portland, 9:00AM. Contact: Bibiana Kamler ([kamlerb@tri-met.org](mailto:kamlerb@tri-met.org))

\*\*\*\*\*

## APRIL

20-25: ASPRS Annual Conference; co-hosts: American Congress on Surveying and Mapping (ACSM) and International Federation of Surveyors (FIG); Wash, DC. <http://www.fig2002.com>

27: Portland Area GIS User Group Meeting. Host: US Army Corps of Engineers. Presentation: How the USACE uses GIS for accessing real-time data while regulating dams throughout the Pacific Northwest. Portland Federal Bldg. 9:00 - 11:30AM. Contact: Karen Nelson ([karen.nelson@usace.army.mil](mailto:karen.nelson@usace.army.mil))

\*\*\*\*\*

## MAY

24: Annual Northeast Oregon GIS Conference - The 6th Annual Northeast Oregon GIS Conference will be held at the Convention Center in Pendleton, Oregon. <http://www2.eou.edu/rsi/gisconference/>

\*\*\*\*\*

## EARLY NOTICE

September 25 - 27: NW ESRI Users Conference 2002- Sunriver, Oregon. <http://matrix.deschutes.org/nwconf/index.cfm>

October 2-6 - Association of Pacific Coast Geographers Annual Meeting 2002, San Bernardino, CA <http://www.csus.edu/apcg/meetings.htm>

November 8-15: The 15th William T. Pecora Memorial Remote Sensing Symposium/Land Satellite Information IV Conference and ISPRS Commission I (Platforms and Sensors) Symposium, Denver, Colorado. <http://www.asprs.org/Pecora-ISPRS-2002>.