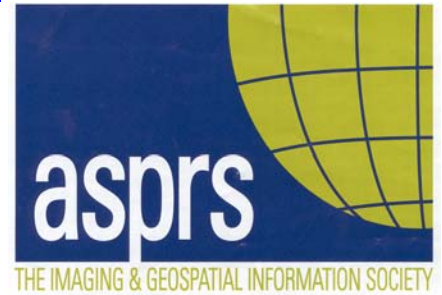

Wavelengths

Columbia River Region



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

Volume 2002:1 — September 2002

GIS in Action 2002 **GIS: A Common Denominator**

by
Cy Smith and Andy Sloop, Conference Co-Chairs

Three hundred people, including 29 students and volunteers, attended the annual GIS In Action Conference April 1-3, 2002 in Portland, OR. The Columbia River Region of the American Society for Photogrammetry and Remote Sensing (ASPRS) and the Oregon/Southwest Washington Chapter of the Urban and Regional Information Systems Association (URISA) have co-sponsored this conference for the last 10 years to provide a forum for sharing regional perspectives on current issues related to Geographic Information Systems (GIS) and remote sensing. The theme for this year's conference was GIS: A Common Denominator. One of the primary conference objectives was to explore the notion that geography is an important common denominator that can be used to integrate information and knowledge across many different boundaries in a way that improves people's lives, protects the public and the environment, and provides efficiencies in the use and management of information technology.

Another important objective of the conference was to develop a sense of community among GIS users in the region. This sense of community will open new doors for sharing knowledge, experience, and information in the resolution of shared problems.

The first day of the conference included 10 training workshops. The second and third days of the conference included Plenary and Breakout sessions, a Vendor Show, an Application Fair, and numerous social events. Twenty-eight organizations participated in the Vendor Show. More than 100 people attended the workshops. The most popular workshops were: "Exploring the Geodatabase," "Web GIS Models," "Getting Started With Internet Mapping," "Migrating to ArcGIS," and "Using Your Aerial

Photos: Orthophoto Creation, Stereo Feature Collection and 3D Visualization."

The Keynote Speaker was Jack Dangermond, President of Environmental Systems Research Institute (ESRI). He talked about the use of geography and location as a means of integrating information to solve problems, the importance of developing a community of GIS users that cuts across jurisdictional and professional boundaries, and the future of GIS and related technologies. Dangermond also sat on a panel in one of the plenary sessions to listen to and discuss ideas about the use of geography and GIS tools as common denominators that bring people together and provide answers to many of our shared problems. The panel also included local GIS and IT luminaries Dick Bolen (Metro DRC), Bob Swank (LCOG), Ken Dueker (PSU), and Mike Freese (State IT Mgmt. Division).

The conference featured several other plenary speakers as well. Ken Dueker, Portland State University professor and longtime URISA member, presented "URISA's Heritage and the Horwood Legacy," outlining the highlights of URISA's history as an organization. Bill Gentes, URISA Executive Director, talked about URISA's plans for implementing a national GIS professional certification program. Mike Renslow, ASPRS Certification co-chair, provided highlights of the current ASPRS Certification Program. Jeff Leonard, President of EarthData International of Maryland, described his company's use of remote sensing technologies to support emergency response efforts immediately following the September 11th World Trade Center attacks. In particular, EarthData provided ongoing, accurate and reliable remote sensing data from multiple sensors to assist in search, rescue and recovery efforts. The conference concluded with demonstrations of innovative GIS applications and a raffle. The raffle Grand Prize was a notebook computer.

Many of the conference sessions were designed to be highly interactive as a means to leverage the unique knowledge and experience of attendees to address vexing problems shared by everyone in the GIS community. There were scribes in many of the sessions to capture the ideas and discussion. Summaries and PowerPoint slides from many of the sessions have been posted to the conference web site (<http://www.orurisa.org/events/gisinact/2002event/conference.htm>), and threaded discussion forums are now available at the web site to continue the discussion and collaboration. The opportunity to share the knowledge and experience of all the conference attendees, not just the presenters, was invaluable.

Interactive sessions included:

- Professional certification and licensing of GIS professionals.
- The convergence of GIS and traditional IT.
- The use of GIS for public safety and protection of critical infrastructure.
- The use of imagery for local and state government functions.
- The role of the higher education system in training GIS professionals.
- The use of new technologies, such as wireless devices, with GIS.

Don't miss GIA 2003 (April 23-25, 2003)!

6th Annual Information Exchange Meeting

The Sixth Annual Puget Sound and Columbia River Region Information Exchange Meeting has been postponed until Tuesday, October 15, 2002, from 9:00 am until 4:30 pm. The meeting will be held at the Vancouver Water Resource Education Center, 4600 SE Columbia Way, Vancouver, WA. (360) 696-8478. The cost is \$25 usd (full registration includes lunch and notebook), and \$10 usd (includes only notebook) for students.

Please consider making a presentation at this meeting.

For further information, including driving directions to the meeting: <http://www.photogrammetry.com/ASPRS-PSR/exchangesept02.htm>

Meeting Description: The Puget Sound and Columbia River Regions of ASPRS are hosting their 6th Annual Joint Information Exchange Meeting on October 15, 2002. This event is an informal opportunity for people who are interested in the topics of photogrammetry, remote sensing, and

GIS to learn more about what's going on in our own regions in resource management, government, academia, and business. The information exchange is a day-long event in which local practitioners may present a 10-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 to 30 due to the single-day schedule, so get your requests in early to insure your slot.

WHO: ASPRS membership is not required. Anyone who wishes to share information about an interesting or unusual project in the areas of photogrammetry and remote sensing is 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, remote sensing, and GIS. No commercial presentations or endorsements are allowed. Of course, non-presenters and students are certainly welcome to come and learn more about what's going on around our extended region. We particularly want to encourage non-members to come find out more about ASPRS. As an encouragement, attendees who wish to join ASPRS the day of the session will have the registration fee waived. In addition, any person or company can sponsor a student by covering the \$10 registration fee, so please consider sending students to this session to learn more about our industry and society.

Contacts

Please submit your presentation overview and organizational description by email or fax to either contact person below. HTML, .doc or .txt formats preferred.

Puget Sound Region Contact:

Kristin Gerhart
Tyrnstone Systems
Phone: (206) 855-8968
Email: k_Gerhart@tyrnstone.com
FAX: (206) 8551-8895

Columbia River Region Contact:

Chris Aldridge
Spencer B. Gross
Phone: (503) 646-1733
Email: chris@sbgMaps.com
FAX: (503) 626-4818

Note From The Editor

With this issue, I have taken over the editorship of the newsletter. Many thanks to Jackie Olson for the fine newsletters she published during her stint as newsletter editor. Jackie continues to serve our Region as Webmaster of the Columbia River Region website: <http://www.asprs.org/ColumbiaRiver>.

I plan to publish three more newsletters in the next 3-4 months (ASPRS National expects four per year). Jackie set the standard for good looking newsletters, I hope the format of my newsletters will improve as I become more familiar with new software.

At the present, about one-half of our readers receive the newsletter electronically and one-half receive a paper copy. The electronic version is posted on the Region website. An announcement is sent by e-mail to these readers that the newsletter has been posted on the website. Readers can view the newsletter online, print it out, or save it to their local computer hard drive. In this format, the newsletter can be viewed in full color.

Readers who receive their newsletters in print form by U.S. mail receive complete copies of the newsletter, but in black and white. The Region pays printing and postage costs for these copies. I would like to urge all of you with Internet access to switch over to receiving copies electronically. To accomplish this, please send a brief note to: rwkiefer@aol.com.

Ralph W. Kiefer, ASPRS Fellow

CALENDAR: 2002 - 2003

OCTOBER 2002

October 2-6: APCG: Annual Conference 2002, CSU-San Bernardino, San Bernardino, CA.
<http://csbs.csusb.edu/apcg/>

October 8-10: 15th Annual GIS in the Rockies Conference, "GIS from Start to Finish", Plaza at the Mart, Denver, CO.
<http://www.GISintheRockies.org>

October 15: 6th Annual Information Exchange Meeting, ASPRS Puget Sound and Columbia River Regions. (See page 2 of this newsletter for further information) <http://www.photogrammetry.com/ASPRS-PSR/exchangesept02.htm>

October 16: GSOC Wednesday Seminars, "New Thoughts on Modern Subduction Zones in the Pacific NW", Richard Bartels, Past President. At 8:00p, Rm. S17, Cramer Hall, PSU, Portland, OR.
<http://www.gsoc.org/semsched.html>

October 26-30: URISA 2002 40th Annual Conference and Exposition, "Looking Back, Moving Forward", Hyatt Regency Chicago on the Riverwalk, Chicago, IL.
<http://www.urisa.org/annual.htm>

NOVEMBER 2002

November 8-15: The 15th William T. Pecora Memorial Remote Sensing Symposium/Land Satellite Information IV Conference and the ISPRS Commission I (Platforms and Sensors) Symposium, Integrating Remote Sensing at the Global, Regional and Local Scale. Adam's Mark Hotel, Denver, CO.
<http://www.asprs.org/Pecora-ISPRS-2002>

MARCH 2003

March 2-5, 2003: 26th Annual GITA Conference Wide Open Spatial Frontiers: Adding Value to Your Business Henry B. Gonzalez Convention Center San Antonio, TX.
<http://www.gita.org/events/annual/26/intro.html>

March 3-5, 2003: California/Hawaii/Nevada/Guam ESRI Regional User Group Annual Conference, Renaissance Ilikai Waikiki Hotel, Honolulu, HI.
<http://www.cahinv.org>

March 4-8, 2003: 99th AAG Annual Meeting, Hyatt Regency Hotel, New Orleans, LA.
<http://www.aag.org/>

March 16-19, 2003: GeoTec: The Global Conference and Exhibition on Geospatial Technology, Tools and Solutions, Vancouver Convention and Exhibition Centre, Vancouver, BC.
<http://www.geoplace.com>

March 29-April 2: 2003: 2003 ACSM Annual Conference with APLS and AGIC. Phoenix Civic Plaza, Phoenix, AZ.
<http://www.acsm.net/acsmconf.html>

APRIL 2003

April 23-25: GIS in Action 2003, DoubleTree Hotel, Lloyd Center, Portland, OR.

MAY 2003

May 3-9, 2003: ASPRS Annual Conference, Technology: Converging at the top of the world. William A. Egan Civic and Convention Center, Anchorage, AK.
<http://www.asprs.org/alaska2003/index.html>

The Calendar will be updated with each issue. Please send contributions to: rwkiefer@aol.com.

ASPRS-CRR BOARD OFFICERS

NATIONAL DIRECTOR — Tom Pagh
Spencer B. Gross, Inc.
13545 NW Science Park Dr
Portland, OR 97229
tom@sbgMaps.com

PRESIDENT: REGION — Margo Blosser
Gorge GIS
423 E. 3rd
Hood River, OR 97031
mblosser@gorge.net

VICE-PRESIDENT: REGION — Chris Aldridge
Spencer B. Gross, Inc.
13545 NW Science Park Dr
Portland, OR 97229
chris@sbgMaps.com

SECRETARY-TREASURER — Bob Harmon
Oregon Water Resources Department
158 12th St. NE
Salem, OR 97310-4172
robert.c.harmon@wrđ.state.OR.US

PRESIDENT: PAST — Doug Smith
David C. Smith & Associates
1734 SE Tacoma Street
Portland, OR 97202
dsapdx@easystreet.com

NEWSLETTER EDITOR — Ralph Kiefer
15119 Oyer Dr
Oregon City, OR 97045
rwkief@ AOL.COM

SCHOLARSHIP CHAIR — Nancy Tubbs
USGS
14420 NE Alton Court
Portland, OR 97230
ntubbs@usgs.gov

WEBMASTER — Jackie Olson
USGS-WRD10615 SE Cherry Blossom Dr
Portland, OR 97216
jcolson@usgs.gov

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

ADVISOR: STUDENT CHAPTER — Art Benefiel
Central Oregon Community College
21121 Bayou
Bend, OR 97702
a.benefiel@coccc.edu

According to recently-approved Columbia River Region Bylaws, the President, Vice-President, Past President, and National Director are Elective Officers. The Executive Committee consists of the President, Vice-President, Secretary-Treasurer, Immediate Past President, and National Director, and carries on the business and financial affairs of the Region.

Thanks to Our Sponsors



BPS Bergman
Photographic
Services, Inc.

Larry Bergman

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




Thomas L. Pagh, CP
Project Manager

Spencer B. Gross, Inc.
PHOTOGRAMMETRIC ENGINEERING
13545 N.W. Science Park Drive Portland, Oregon 97229
503/646-1733 FAX 503/626-4818

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) 774-1789



TITAN SYSTEMS CORPORATION
AVERSTAR GROUP

ROGER E. CRYSTAL
GIS Site Manager

4099 SE International Way, Suite 206
Portland, OR 97222-8853
Email: roger.crystal@titan.com


Tel: (503) 794-1344 x116
Fax: (503) 794-1350



VALLEY AIR
PHOTOS

RICHARD GRAVILLE

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



ValueCAD Sal Kadri

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

2548 S.E. Ankeny St.
Portland, OR 97214
email: sal@valuecad.com

Ph. (503) 233-8796
Fax (503) 731-9087