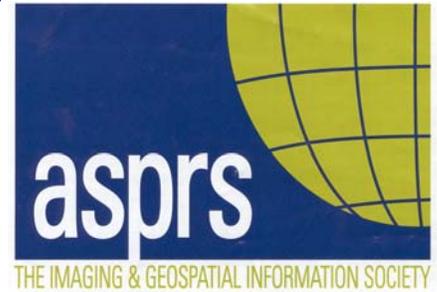


---

# Wavelengths

## Columbia River Region



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

**Volume 2005:1 — March 2005**

---

### **President's Letter: Variations on a Theme** **By Anne Hillyer**

You may find the articles in this newsletter somewhat redundant (photogrammetrists like redundancy—it ensures a solid solution). We are hammering on the theme of ASPRS membership this year. All of the regions have been asked to focus on this issue and identify the value of ASPRS to its members. The Columbia River Region is doing its part, as we have done in the past and will continue to do in the future.

The main policy objective at the ASPRS national level this year is to increase overall Society membership. The problem of declining membership is not unique to our professional organization; it is a phenomenon that many other professional organizations currently face as well. The ASPRS is investing in a marketing firm's survey and study to obtain solid data about the problem in our organization. Some suggested hypotheses for the general decline in professional organizations' memberships are the depressed economy, the trend among employers to not cover the costs of memberships and/or training for their employees, and the competition between professional organizations for members. The demographics of the ASPRS appear to be mostly mid-to-late-career white men. Perhaps ASPRS needs to actively recruit for diversity in order to attract new members?

In the past year, since March 2004, the Columbia River Region gained 25 new members. We have a total of 125 members now. The good news is that in the past year we increased our membership by 25%. The bad news is that we had twelve members fail to renew their memberships in January 2004. So our membership declined by 12% in 2004. We need to find out why people fail to renew and address those issues.

ASPRS membership has been very valuable to me personally. I joined in 1998, while a graduate student, because my advisor, Basil Savitsky, sat our class down and made us answer the question: "If you were to join a professional organization, which one would it

be?" At the time I was only really aware of the AAG (American Association of Geographers) and the ASPRS. I chose the ASPRS because it seemed to me that photogrammetry and remote sensing had more practical applications than the AAG. My advisor strongly encouraged us to join a professional organization as a way to network and improve our chances of finding jobs.

Over the past six years I have come to find even more value in ASPRS membership. I should mention of course, that Basil was right; I found my current job at an ASPRS conference in 1999. But above and beyond the employment value, ASPRS helps me keep current with technological developments in the field, offers training programs and certification in photogrammetry and remote sensing, networking opportunities with other professionals in the field, and the opportunity to take on leadership roles. The latter is especially relevant to me at the moment. I have very much appreciated the experiences of being vice-president and now president of our region. The people I deal with in my various activities for ASPRS are supportive and inspiring. It has been very rewarding to reach out and find out what other people are doing in photogrammetry and remote sensing, what we have in common, and what we can learn from each other. I find that the ASPRS, both regionally and nationally, is an open organization with many intelligent, accomplished, friendly and fun people.

I had the honor of receiving two awards for the CRR at the national ASPRS meeting in Baltimore in March this year. We received the Third Place award for Region Newsletter, thanks especially to Ralph Kiefer's talent and dedication at editing the newsletter. We tied for Third Place Region of the Year with the Central New York Region. All of our members and especially our Board of Directors are to be commended for that.

For the coming year we are planning a LiDAR workshop to be given by Mike Renslow and sponsored by the ASPRS, at the ESRI Northwest Users' group meeting in Sunriver in September. We are also planning for the annual Technical Exchange with the Puget Sound Region, which will take place in the fall.

*(Continued on next page.)*

*(Continued from previous page.)*

I feel very optimistic that the ASPRS will solve the declining membership problem. Many of our best and brightest minds are working on it, and problem solving is one thing we're good at. The CRR has a membership committee in place, with Chris Aldridge as our Membership Director and Chair of the membership committee. I've heard many good ideas from CRR members and members at the national conference (see the article on the Regional Officers' Meeting in this newsletter). This is an exciting challenge that we will meet as a group.

---

## **Columbia River Region Annual Meeting and Dinner 2005**

**By Anne Hillyer**

The 2005 Annual Dinner Meeting was held on January 22 at the Oregon Historical Society Museum in the downtown Portland Park Blocks. Approximately 45 people attended. The guest speaker was Karen Schuckman, president of the national ASPRS.

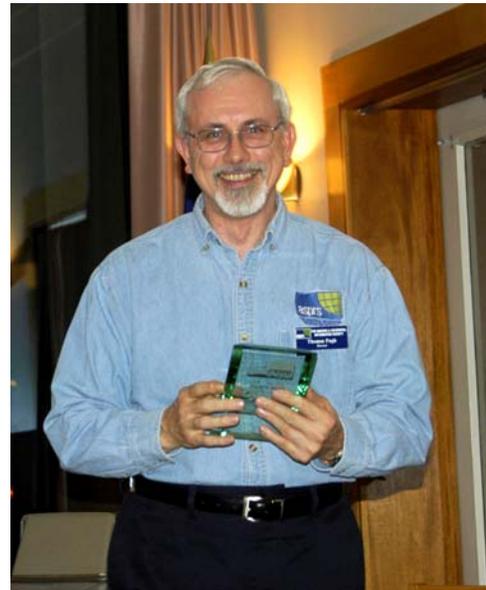


*ASPRS Fellows Roger Crystal, Ralph Kiefer, and Mike Renslow.*

After drinks, hors d'oeuvres and dinner, a short business meeting was held. Bob Harmon, CRR president, gave a speech summarizing the previous year's activities. Then the symbolic gavel (aerial film can mounted on a stick) was handed to Anne Hillyer, as the officers officially advanced to the next position in the cycle. At this time Bob Harmon became past president, Anne Hillyer became president and Jim Meacham became vice president. The position of treasurer has a three-year term and did not change this year. Brian Miyake entered his final year as treasurer. Chris Aldridge officially took the position of National Director, also a three-year term.



*Outgoing ASPRS CRR President Bob Harmon passes the gavel to incoming President Anne Hillyer.*



*Outgoing National Director Tom Pagh receives recognition for his many years of fine service.*

Karen Schuckman gave a presentation, which started with a very interesting exercise designed to get people acquainted with each other. In the exercise we went around the room with each person stating what their childhood ambitions were, what they do now and how they came to be associated with the ASPRS. The exercise revealed a surprisingly diverse group of people in terms of interests. There seemed to be two recurring themes, one of people who had always had an interest in science and technology, and another of people who initially had an interest in the arts and later came to work in the Geomatics field. Karen mentioned that she has observed these two themes at many gatherings of ASPRS members.

*(Continued on next page.)*

(Continued from previous page.)

Karen's presentation continued with a demonstration of a GIS project she had built to spatially analyze the ASPRS national membership. It showed the region boundaries and distribution of members by region.



*ASPRS National President Karen Schuckman.*



*Incoming ASPRS-CRR Vice-President Jim Meacham.*



*National Director Chris Aldridge*

After the presentation there was raffle. Among the raffle prizes were: gift certificates to REI and Powell's Books, a CD and hard copy version of the Atlas of Oregon (donated by Jim Meacham), the DEM User's Manual (donated by Spencer B. Gross, Inc.), and a ten-pound bar of chocolate (donated by David Smith and Associates). Finally, there was a guided tour of the Oregon Historical Society's Museum.

---

## **National Director's Report By Chris Aldridge**

The Board of Directors meeting was held on Friday, March 11, 2005 at the Baltimore Waterfront Marriott Hotel, in conjunction with the ASPRS 2005 Annual Conference. The meeting convened at 7:30 am and adjourned at 4:30 pm, with one break for lunch.

Jim Plasker presented the financial report for the society. We continue to enjoy a comfortable financial cushion with the society's total assets over \$2 million. This includes all cash, investments, fixtures, and building. In short, within eight years, the society has recovered from the brink of financial ruin and turned around to have reserves of nearly \$1 million.

Headquarters Status: Headquarters is currently in excellent condition. Staff morale is high, the physical location remains in good condition and all systems and support equipment appear to be in good shape. The Webmaster has essentially completed the streamlining of the main web site and is currently finalizing the system for serving of the journal content digitally to the membership.

The fourth phase of the 10-year Remote Sensing Industry Forecast was initiated in July of 2004. The ASPRS in cooperation with the USGS has begun a survey tailored to examine the current and future markets for Landsat or Landsat like data. A report summarizing the first three phases of the work on the Forecast was published in the January 2004.

The ASPRS continues its involvement in the Colonial States Board of Land Surveyor Registration in writing exam questions for a photogrammetry exam and coordinating with NCEES.

Membership continues to be a focus of the entire organization. McKinley Marketing, Inc., has been hired to provide the ASPRS with valuable information to help guide us in our endeavors to improve membership. Several meetings were held by McKinley during this conference to solicit information from members and non-members as to how the ASPRS is perceived and what value is attached to membership. The board voted to accept a motion that a portion of the region rebate will be tied to the requirement that the

*(Continued on next page.)*

(Continued from previous page.)

region provide the name of a membership officer to headquarters. Many of the committee meetings held in Baltimore, particularly the Regional Officers meeting, touched on membership and discussed methods of improving recruitment methods through promotions. (Please see Anne Hillyer's report on the Regional Officers Meeting, also on this page.) On a good note, membership actually did increase in 2004, by 14 members. Publication continues to be a strong point for the society. The society recently acquired the rights to publish the *Glossary of the Mapping Sciences*. ASPRS will self-publish this manual as well as the *Manual of Photogrammetry, 5<sup>th</sup> Edition*. Sales of the Manual are now at 505 copies, or \$43,908, putting us well on the way to recouping the publishing costs of this book.

The Southwest Region of the ASPRS, which had been declared inactive, was revitalized. Several members have stepped forward to occupy the vacant officer positions, and a new director has been appointed. Several bylaws were amended, and can be viewed on the website. The bylaws affected are"

- (1) Article III Section 7 – Student Member
- (2) Article VI Section 2 – Establishing Chapters
- (3) Article IX, Section 24 – Data Preservation and Archiving

Future meetings will be held as follows:

Fall 2005 – Pecora Conference, Sioux Falls, SD  
(October 23-27)

2006 Annual – Reno Nevada (April 30- May 4)

2006 Fall – San Antonio, November 5-9

2007 Annual – Tampa

2007 Fall – Canadian Venue (?)

2008 Annual – Portland, OR

2009 Annual – Baltimore

In summary, the Baltimore meeting was successful technically and financially for the society. We move forward as a healthy and vital organization, despite our recent decline in membership.

---

## **ASPRS Regional Officers' Meeting March 7, 2005, Baltimore, MD By Anne Hillyer**

The Regional Officers' meeting takes place annually at the national ASPRS conference in the spring. All of the regional officers are invited and it is generally used as a time to let regional officers know what the national agenda is and for the national board members to find out what is going on in the regions. This year the topic of membership took up approximately 80% of the meeting. Kari Craun, the national vice president, had sent out an agenda before the meeting and requested that all of the regions be prepared to talk about what they have been doing to recruit new members and retain existing members. Anne Hillyer and Chris Aldridge attended from the Columbia River Region.

The meeting opened with a background and policy statement by Don Lauer (national Past President and Chair of the Membership Working Group). He shared the fact that ASPRS membership declined by 33% in the eleven years between 1992 and 2003. If this trend continues, ASPRS may not survive. He suggested that one reason for this decline in membership is that young people do not find value in membership. There is also competition from other professional organizations. Currently membership decline is a common trend among all professional organizations.

The Membership Working Group was formed in May 2004. This group came up with 64 different recommended actions to address the declining membership problem. The ASPRS Executive Committee selected six of these actions for priority implementation. These six actions are:

- (1) Contract a market research firm to survey current and potential members on why they joined or would join ASPRS. The results and recommendations of this study will be available by summer 2005.
- (2) Establish a Membership Officer in each region.
- (3) Change the national by-laws to allow graduate students "working towards a degree" to be Student Members.
- (4) Identify current ASPRS members who are willing to act as "champions" by recommending membership to potential members. Engage these "champions" in recruitment activities.
- (5) Have regions subsidize student membership dues.
- (6) Implement a new registration policy whereby all non-member registrants at the national conference automatically receive a one-year complimentary membership to the Society.

After Don Lauer's introduction, a representative from each region described what their region has been doing to attract new members and/or retain existing members. Common themes among the regions were:

- (a) Focus on student chapters
- (b) Subsidize student members
- (c) Identify Membership Officer

Many of the regions also had specific ideas, as follows:

- (a) Alaska Region: Issue an open invitation to regularly scheduled (weekly/monthly?) technical presentations to all, including students; students who come and give a technical presentation get a free membership and a free lunch.
- (b) Rocky Mountain Region: Print postcards that are available to officers and regions to drop off at businesses and other locations with information about the Society

(Continued on next page.)

(Continued from previous page.)

(c) Intermountain Region: Looking at K-12 educators as possible members

(d) St. Louis and North Atlantic Regions: Follow up (e-mail and/or phone calls) with lapsed members

(e) Puget Sound Region: Provide US address (PO Box) for Canadian members.

(f) Potomac Region: Offered complimentary membership to nonmembers this year, discounting memberships to all members

Two other agenda items were discussed—the GIS project displaying spatial distribution of ASPRS members, and the sharing of e-mail lists among regions.

Overall this meeting was encouraging. Many applicable ideas were shared. The Columbia River Region falls somewhere in the middle of the range from inactive to very active in terms of member recruitment. The Southwest Region (Southern California, Arizona and New Mexico) has 250 or more members but has been inactive for the past several years. It was just assigned a Region Membership Officer at the Baltimore conference. The Rocky Mountain and Potomac regions are very active—they both have high concentrations of government and private firms in the photogrammetry and remote sensing fields.

---

## **Report from Portland State University Student Chapter By Celia Cornett, President, PSU Student Chapter**

The PSU Student Chapter will sponsor the following Spring Colloquia:

April 15: Harold Opitz, Hydrologist-In-Charge & Steve King, Hydrologist—NOAA NW River Forecasting Center, Portland “Operational River Forecasting: An Introduction to the NOAA-NWS Northwest River Forecast Center.”

April 29: Mike Mertens, EcoTrust GIS Manager, and Senior GIS Analyst Portland, OR, “Mapping Forest Composition and Structure Using Remote Sensing and GIS.”

May 13: Chris Aldridge, Spencer B Gross Inc., Vice President / General Manager and ASPRS CRR National Director, “Photogrammetry 101 - part 3 of 3 – Map and Imagery Scale.”

May 29: Students visit Bergman Photographic Hangers (construction permitting).

If you have research or topics of interest to the community and would like to present at the PSU ASPRS Colloquia, please contact us at ASPRS@pdx.edu to arrange a date and time.

PSU ASPRS members, geography graduate students, and faculty presented research at the Oregon Academy of Sciences at the OSU campus on February 26, 2005. The topics and research methods varied, but reflect the rich diversity of our student and faculty members.

Hassan Basagic: *Quantifying Twentieth Century Glacier Change in the Sierra Nevada.*

Heejun Chang & Mike Boeder: *Multivariate Analysis of Water Quality in the Tualatin River Basin.*

Celia Cornett & Don Brown: *An Open Space Decision Model Inside Portland's Urban Growth Boundary.*

Jiunn-Der Geoffrey Duh: *Simulated Annealing for Generating Raster Categorical Maps.*

Christina Friedle: *Natural Resource and Land-Use in the Rio Platano Biosphere Reserve.*

David Graves: *Assessing the Impacts of Climate Change on the Upper Clackamas River Basin of Oregon with a Distributed Hydrologic Model.*

Keith Jackson: *The Flow and Mass Wastage of Eliot Glacier, Mount Hood, Oregon.*

Jennifer M. Karp: *Nurse Plant and Object Recognition Facilitation in Post-Blowdown Lodgepole Pine (*Pinus contorta*) Regeneration of the High Pumice Plateau, Central Oregon, U.S.A.*

David Kuhn: *Development and Assessment of Multiple Fire Simulations for Forest Park, Portland, Oregon.*

David Banis and Tracy Harrison: *The Spatial and Temporal Diffusion of Jazz in The United States From 1920-1960—A GIS Model.*

Students will be graduating this spring with MS degrees and GIS Graduate Certificates that include advanced analysis and geospatial skills. Many are looking for work, so if you are looking for employees please contact Joe Poracsky (poracskyj@pdx.edu, 503-725-3158) for referrals to a skilled and willing workforce. In addition, Joe offers consulting through students at the Geography Department's Center for Spatial Analysis and Research (CSAR) that focus on cartography, GIS, remote sensing, and education.

(Continued on next page.)

(Continued from previous page.)

For information on the GIS Certificate program, please contact Geoffrey Duh (jduh@pdx.edu).

In keeping with PSU ASPRS goals of facilitating education and community involvement, the chapter established a student fund for scholarships to GIS-in-Action, travel costs, and printing expenses for conference presentations.

Many thanks to John Hogl at Bergman Photographic, Chris Aldridge and Mike Renslow at Spencer B. Gross Inc, Matt Dietemeyer at Clark County, and Nancy Tubbs at USGS who have generously contributed images and data to the student chapter. Thank you and the entire Columbia River Region Board for your enthusiastic support.

We are revising our web site and it should be up in mid-April. <http://www.psuasprs.groups.pdx.edu>.

---

## ASPRS Outstanding Service Award

### 2005 Recipients:

**Chris McGlone**, for his outstanding effort as editor-in-chief of the ASPRS Manual of Photogrammetry, Fifth Edition.

**Roy Mullen**, for his donation of many hours of outstanding effort as technical editor of the ASPRS Manual of Photogrammetry, Fifth Edition.

**Mike Renslow**, for his untiring dedication to ASPRS and his service as Treasurer from 1999–2005.

**Jan Gervin (posthumously)**, for her many years of untiring devotion to ASPRS, including service to the Potomac Region, Divisions, and ASPRS national conferences.

Purpose: Established in 1991, the Outstanding Service Award is given to Society members in recognition of outstanding and unusual efforts in helping ASPRS develop and carry out its program over a sustained period. Recipients have performed outstanding service at the chapter, regional, or national level. Awardees' service includes any activities that have helped the Society achieve its goals and objectives.

Donor: ASPRS

The Outstanding Service Award consists of a bronze plaque.

---

## ASPRS Region of the Year Award

### 2005 RECIPIENTS:

First Place: The Rocky Mountain Region

First Honorable Mention: The Central Region

Second Honorable Mention: The Central New York Region and the **Columbia River Region**

The Rocky Mountain Region is the winner for the fourth year in a row. The region was also Region of the Month winner for three months in a row (March, April, May 2004). Their unique effort and enthusiasm has continued for more than three years. They have been outstanding in all areas of Region involvement, including their well-organized communication system within its board, its members and with National. The Rocky Mountain Region was incredibly diligent in pursuing this award by hosting the successful 2004 Annual Conference in Denver, Colorado, holding the biggest GIS and Remote Sensing in the Rockies, Western U.S., promoting and retaining membership, working to establish three new student chapters, having informative newsletters, web site, technical tours and scholarships. Once again, there are no words to describe their well-presented annual report including the web site report! They are to be applauded!

The Central Region has been awarded First Honorable Mention for consistent emphasis on their membership campaign (membership grows above the region goal on both, Active and Student memberships), its hosting the ASPRS Fall Specialty Conference in Kansas City, Missouri, their involvement with Headquarters on the ASPRS Membership Working Group activities, development of new student chapters, technical meetings, scholarship programs (corporate scholarship fund), student volunteer opportunities and overall dedication to the principles of the Society.

The Central New York and Columbia River Regions have tied for Second Honorable Mention.

The Central New York Region held a successful 3<sup>rd</sup> Annual New York State Remote Sensing Symposium, continues to develop community understanding of photogrammetry and remote sensing, awards scholarships, and demonstrates outstanding accomplishments in the areas of education/public relations, and membership retention. The Region also is supporting National by agreeing to host a National event in 2006/2007.

(Continued on the next page.)

**The Columbia River Region's** diligence is demonstrated by holding a joint GIS in Action conference with the local URISA Chapter. They also sponsored the national workshop "Preparing for ASPRS Photogrammetric Technologist Certification," and held a technical information exchange conference in conjunction with the Puget Sound Region. In addition, they are working locally on the NCEES Model law to provide for the licensing of photogrammetrists in Oregon. Their membership maintenance; scholarship programs, including a two-year trial scholarship to school; and overall efforts to be an outstanding region should be recognized.

Purpose: The Region of the Year Award was established in 1968 to recognize excellence at the regional level in providing service to the members and to the profession at large.

---

### **Region Newsletter of the Year Award 2005 Recipients:**

First Place: *The Rocky Mountain Compiler*

Second Place: *The Central Region Newsletter*

Third Place: *Wavelengths*, Columbia River Region

***The Rocky Mountain Compiler*** is once again the First Place Winner of this award. This publication covers all important aspects in the region such as meetings, scholarships, membership, job listings, and its Rio Grande Chapter news. This outstanding quarterly newsletter with its no-nonsense format, composition and presentation is an easy winner for this conscientious Rocky Mountain Region.

***The Central Region Newsletter*** has taken second place twice in a row in the Newsletter of the Year competition. Continuing to do a great job of informing its members of upcoming events, chapter news, and scholarships; welcoming new members; and presenting other information valuable to readers, set this newsletter apart with its high standards and photojournalistic style.

***Wavelengths***, the Columbia River Region newsletter, is once again our third place winner. This unique publication contains important news items, upcoming events, student chapter news, information on the Photogrammetric Technologist Certification workshop, news on the Puget Sound and Columbia River Regions Information exchange, in addition to their basics of National and Regional Board reports.

Purpose: The Society first bestowed this award in 1980 to recognize excellence of the Region in providing service to the members and to the profession at large through publications of a newsletter.

---

### **2005 SAIC/Estes Memorial Teaching Award**

Dr. Thomas M. Lillesand, Director of the Environmental Remote Sensing Center (ERSC) and Chair of the Environmental Monitoring Graduate Program at the University of Wisconsin-Madison, was awarded the 2005 SAIC/Estes Memorial Teaching Award for over 30 years of excellence in teaching remote sensing, mentoring graduate students, and being the lead author of one of the most widely used remote sensing textbooks in the world, *Remote Sensing and Image Interpretation*, 5<sup>th</sup> edition.

The SAIC Estes Memorial Teaching Award was inaugurated in 2003 and is named in honor of Professor John E. ("Jack") Estes, teacher, mentor, scientist, and friend of the American Society for Photogrammetry and Remote Sensing. This award is designed to recognize individual achievement in the promotion of remote sensing and GIS technology, and applications through educational efforts. Award recipients are chosen based on documented excellence in education, teaching, mentoring and, training.

Lillesand earned his Doctoral Degree in Remote Sensing in 1973 from UW-Madison. From 1973 to 1978, he taught remote sensing at the State University of New York College of Environmental Science and Forestry, and from 1978 to 1982, as an associate then full professor at the University of Minnesota. In 1982, he accepted the position of Director of the Environmental Remote Sensing Center at the University of Wisconsin-Madison.

Lillesand has more than 125 publications in his fields of interest that include remote sensing, natural resource management, image processing of high resolution satellite image data, GIS, large area land mapping from space, environmental monitoring, the national space policy and transportation applications of remote sensing. He, along with Ralph W. Kiefer and more recently, Jonathan W. Chipman, co-authored *Remote Sensing and Image Interpretation*; now in its 5<sup>th</sup> edition (2004).

He was President of ASPRS in 1998 and has received the following ASPRS awards: the Alan Gordon Award for Significant Achievements in Remote Sensing, the Talbert Abrams Award for Excellence in Authorship and Recording of Scientific Development in Photogrammetry, and the Fellow Award. He currently serves as President of the Board of Trustees of the ASPRS Foundation. In addition, he has earned the Earl J. Fennell Award for Outstanding Contributions to Education in the Mapping Sciences and the Higher Education Award from NASA and the Wisconsin Space Grant Consortium.

Lillesand continues to enthusiastically welcome the opportunity to work with students who, in his words, "recognize the special responsibility and challenge involved in the application of remote sensing technology to the solution of the present and prospective environmental problems confronting humankind."

---

DIGITALGLOBE™

## Roads and Bridges: Before the Tsunami



DIGITALGLOBE™

## Roads and Bridges: After the Tsunami



## **Marguerite Madden Elected as ASPRS Vice President**

The results of the 2005 election have been tallied by the Tellers Committee and they reported that Marguerite Madden won the election over Stephen DeGloria to become ASPRS Vice President for 2005. Once she is sworn in as President in 2007, Madden will be the sixth woman to hold that office since the Society was founded in 1934. With the installation of officers at the ASPRS Annual Conference in March, Karen Schuckman moves into the position of president; Kari Craun becomes president-elect, and Russell Congelton becomes past president. Madden is Director of the Center for Remote Sensing and Mapping Science (CRMS), Department of Geography, University of Georgia.

Paula Smit was elected as Assistant Director, Geographic Information Systems Division. Smit, a Senior Systems Engineer for the Raytheon Company's Intelligence and Information Systems in Aurora, Colorado, is currently assigned to the National Polar-orbiting Operational Environmental Satellite System (NPOESS) Program and the NPOESS Preparatory Project (NPP). Robert Eadie was elected as Assistant Director, Primary Data Acquisition Division. Robert Eadie is the Northeastern U.S. Manager of Intermap Technologies in Denver, Colorado. Paula Smit is a Senior Systems Engineer for the Raytheon Company's Intelligence and Information Systems in Aurora, Colorado

Over the past two years, Madden has served on the ASPRS Board of Directors as the GIS Division Director. Through this experience she says she gained an appreciation for the responsibilities and tasks undertaken by members of the ASPRS Executive Committee and the Directors of the Divisions and Regions, and has become familiar with ASPRS finances, topics of concern, and special interests. As an officer she plans to focus attention on raising the global visibility of ASPRS in universities and technical institutions throughout the world. Madden feels that ASPRS has worked hard to build financial security for the Society. Attention now must be paid to fostering the ASPRS Foundation with the goal of securing long-term funding for its awards and scholarships. Providing students with the means and incentive to participate in ASPRS conferences and workshops will enhance their academic careers, establish professional networks and provide an opportunity to present cutting-edge research in technical sessions attended by an international audience. It also will bring new ideas and energy to ASPRS.

Madden received her BA and MA degrees in Biology from the State University of New York in 1979 and 1984, respectively, and her PhD in Ecology from The University of Georgia in 1990. She began her career in geosciences in 1976 as a research assistant mapping wetlands in Lake Champlain from aerial photographs and in

the early 1980s as a National Wetlands inventory Analyst. In 1985, she began work at the CRMS on research projects involving remote sensing, photogrammetry, GIS, GPS and field surveying for environmental applications.

A member of ASPRS since 1984, Madden has participated in ASPRS conferences as a presenter and exhibitor of desktop mapping software since 1987. She has served ASPRS as the GIS Division Assistant Director (2000–2002), GIS Division Director (2002–2004) and Technical Co-Chair for the ASPRS Fall 2004 Conference. She is the ASPRS delegate to the University Consortium of Geographic Information Science (UCGIS) and the ASPRS Correspondent for International Society for Photogrammetry and Remote Sensing (ISPRS) Commission IV, "Geodatabases and Digital Mapping". This year she started working on a new project as Editor-in-Chief of the ASPRS Manual of GIS.

Madden has served as ISPRS Secretary of Commission IV Working Groups 5, "Geographic Information Systems" (1988–1992) and WG IV/2, "Digital Terrain Models, Orthoimages and 3D GIS" (1996–2000). She was the Secretary of Commission IV, "Mapping and Geographic Information Systems" (1992–1996) and Chair and Co-Chair of WG IV/6 and IV/4, "Landscape Modeling and Visualization" (2000–2004 and 2004–2008). She served on the Editorial Board of the ISPRS Journal of Photogrammetry and Remote Sensing (1992–present), was co-editor of three special issues of the ISPRS Journal, and is now an ISPRS Journal Associate Editor specializing in papers on GIS and optical remote sensing. She lives in Athens, Georgia with her three children.

---

## **CALENDAR: Spring 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>

**June 13-15:** Canadian Institute of Geomatics 2005 Annual Conference  
Geomatics: Powering the Future  
Westin Hotel, Ottawa, Ontario Canada  
<https://www.cig-acsg.ca/cig2005/english/home.htm>

*(Continued on next page.)*

**June 16-18:** Open Source Geospatial 2005 - MUM3/EOGEO

Open Source Geospatial '05, an international conference addressing geospatial data technologies developed by or of relevance to the Open Source community.

University of Minnesota/Radisson Hotel  
Minneapolis, Minnesota

<http://mapserver.gis.umn.edu/mum/mtg2005.html>

**July 25-29:** ESRI 25th International User Conference. San Diego Convention Center in San Diego, California San Diego, CA.

<http://www.esri.com/events/uc/index.html>

**July 31 – August 2:** 4th Annual Public Participation GIS Conference PPGIS

The Maxine Goodman Levin College of Urban Affairs  
Cleveland State University  
Cleveland, Ohio

[http://www.urisa.org/PPGIS/2005/PPGIS\\_call.htm](http://www.urisa.org/PPGIS/2005/PPGIS_call.htm)

**August 14-17:** URISA's GIS in Addressing Conference: Street Smart and Address Savvy 7th Annual Conference

Austin, Texas

[http://www.urisa.org/Street\\_Smart\\_Conference/address.htm](http://www.urisa.org/Street_Smart_Conference/address.htm)

**September 19-21:** GITA's 14th Annual GIS for Oil & Gas Conference

Got Data? Use It! Leveraging Geospatial Technology  
JW Marriott Hotel

Houston, Texas

[http://www.gita.org/events/oil\\_gas/05/index.html](http://www.gita.org/events/oil_gas/05/index.html)

**September 21-23:** GIS in the Rockies

Denver, CO

<http://www.gisintherockies.org>

**October 9-12:** URISA's 43rd Annual Conference

Finding the Harmony

Hyatt Regency

Kansas City, Missouri

[http://www.urisa.org/Annual\\_Conference/annual.htm](http://www.urisa.org/Annual_Conference/annual.htm)

**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 23-27:** PECORA 16 - "Global Priorities in Land Remote Sensing"

Sioux Falls Convention Center

Sioux Falls, SD

<http://www.asprs.org/pecora16/index.html>

The Calendar will be updated with each issue.

Please send contributions to: [jcolson@usgs.gov](mailto:jcolson@usgs.gov)

## ASPRS-CRR BOARD OFFICERS

NATIONAL DIRECTOR — Chris Aldridge  
Spencer B. Gross, Inc.  
13545 NW Science Park Dr  
Portland, OR 97229  
[chris@sbgmmaps.com](mailto:chris@sbgmmaps.com)

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

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

SECRETARY-TREASURER — Brian Miyake  
ValueCAD  
2548 SE Ankeny St.  
Portland, OR 97214-1727  
[brianm@valuecad.com](mailto: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](mailto:robert.c.harmon@wrds.state.or.us)

NEWSLETTER EDITOR — Ralph Kiefer  
15119 Oyer Dr  
Oregon City, OR 97045  
[rwkief@aol.com](mailto:rwkief@aol.com)

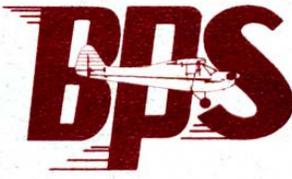
SCHOLARSHIP CHAIR — Nancy Tubbs  
USGS, 14420 NE Alton Court  
Portland, OR 97230  
[ntubbs@usgs.gov](mailto:ntubbs@usgs.gov)

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

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

ADVISOR: STUDENT CHAPTER — Geoffrey Duh  
Portland State University  
P.O. Box 751  
Portland, OR 97207-0751  
[jduh@pdx.edu](mailto:jduh@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



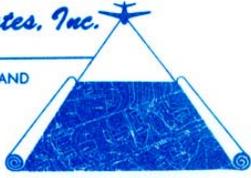
**Duncan Crowl**  
Territory Sales Executive

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.*

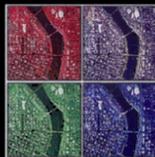
PROFESSIONAL PHOTOGRAMMETRISTS AND  
DIGITAL MAPPING SPECIALISTS



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



**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

**David Ramirez**  
Department Director  
Geospatial Services Division



**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



**CATHY GRAVILLE**  
Owner / Operator

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