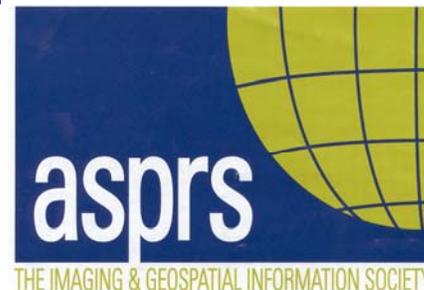

Wavelengths

Columbia River Region



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

Volume 2007:3 — September 2007

President's Letter

By Steve Duncan

I've been scratching my head thinking of clever, innovative and inspiring prose to heighten everyone's interest in the goings-on around the local Remote Sensing community. I have gone back to past years' newsletters looking for guidance from my worthy predecessors. They were all so articulate and focused in promoting upcoming events and clearly soliciting participation. What I found was a group of motivated and involved professionals who knew and understood the value of our organization and its goals; that is, to stay in touch with a bunch of really interesting people involved in some exciting technologies in order to challenge us all to be of greater value to our profession and to our communities. I am just the latest link in this long chain of people who have grown from the experience of organizing events, facilitating meetings, attending national and regional consortiums and getting to know a larger circle of fellow professionals. The experience continues to be challenging, beneficial and enjoyable.

Now that you feel inspired, I'll bring to your attention that in a couple of months we'll be nominating and electing a new Vice President. This is the door through which all presidents must pass and where one discovers the depth of knowledge, experience, cooperation and support our local chapter possesses. Consider joining our team if you are ready to further involve yourself in the dynamic and challenging circle of ASPRS professionals. We're really a great bunch of people, always ready to explore new directions.

By the time you get this the Tech Exchange may have already passed, and hopefully you had taken advantage of the kaleidoscope of innovative presentations. Meanwhile, the Workshop on LiDAR is not too far off (Nov. 7) where we are offered an excellent opportunity to learn more about this emerging and significant technology. I attended Dr. Popescu's workshop at the national convention in Reno and was impressed with the presentation and its applicability to LiDAR use in our region. The details and registration form are on pages 4-6 of this newsletter.

And..... the "Biggie" ! We are in the throes of organizing the National ASPRS convention taking place at the Convention Center, here in Portland next April! I personally have volunteered to assist Anne Hillyer in organizing the student volunteer team.

There are limitless opportunities for all of us to assist in making this event a reflection on the quality of our regional organization and all of its members. Remember, you can offer as much or as little time as you are able to budget. Drop Roger Crystal an email note (rogercrystal@verizon.net) to find out how you may be of assistance. The more of you who step forward, the less each of us will be asked to do. I'm excited about this and am anxious to see how grand an event we can stage.

In conclusion, my term is 2/3's through and I am just beginning to appreciate the work my predecessors and their respective boards have done over the years to make this chapter an active, coordinated, financially secure and enjoyable group. Keep up the good work.



Preparations Underway for 2008 ASPRS Annual Conference in Portland

The Columbia River Region has begun working on the 2008 ASPRS conference in Portland. Roger Crystal, the conference chair, has selected a theme that was proposed by committee: "Bridging the Horizons, New Frontiers in Geospatial Collaboration." There is a logo (above) that also utilizes the bridge theme. You can see more on the conference website: <http://www.asprs.org/portland08/index.html>. The Call for Abstracts brochure was sent out to all ASPRS members recently. Nancy Tubbs, Technical Program Chair, reports that she has begun receiving abstracts. PSU professor Geoffrey Duh and OSU professor Michael Wing are the other members of the technical committee, and are standing by to read abstracts.

Chris Aldridge, conference co-chair and keynote speaker chair is looking for ideas for the two keynote speakers who will address the plenary sessions on the first and second days of the conference. Any ideas for speakers will be gladly received.

Anne Hillyer and Steve Duncan are sharing the student volunteer coordinator function. There is a new program for student volunteers, called the Student Assistantship Program, that ASPRS is trying for the first time at the Fall specialty conference next month in Ottawa. The ASPRS Student Advisory Council has proposed this program, which gives student volunteers more benefits than in the past while requiring a bit more from them as well. The benefits to students are: complimentary student registration, lodging accommodations, a small meal stipend (7.5 hr shifts only), a certificate for their portfolio, acknowledgement in PE&RS, the opportunity to network with other ASPRS/URISA members, exposure to new developments and key figures in the geospatial industry, and job announcements. Students will be required to

submit an application, and if accepted, attend the Student Assistant orientation before the conference begins, assist at the conference for 15 hours during the week, be available for the duration of the conference, and arrange their own travel.

Jackie Olson will be coordinating the poster session. Ron Sluggett is the User Group Coordinator.

Contact any of these conference committee members for more information:

- Roger Crystal rogercrystal@verizon.net
- Chris Aldridge chris@sbgmaps.com
- Nancy Tubbs.....ntubbs@usgs.gov
- Geoffrey Duh.....jduh@pdx.edu
- Michael Wing...michael.wing@oregonstate.edu
- Anne Hillyer.....akhillyer@bpa.gov
- Steve Duncan.....scduncan@bpa.gov
- Jackie Olson.....icolson@usgs.gov
- Ron Sluggett.....rsluggett@3diwest.com

Columbia River Region Elections: Two Positions Open

The CRR ASPRS will be holding an election for Vice President at the end of this calendar year. The VP advances to President and then Past President over the course of three years. It is an exciting, challenging and rewarding role to take on.

The National Director position is elected to a three-year term. Chris Aldridge started his term in 2005, and is up for re-election this year. The national ASPRS by-laws have recently been changed to limit national directors' terms to 6 years.

If you are interested in running or nominating someone for either of these positions please contact Jim Meacham (jmeacham@uoregon.edu or (541) 346-5788) by Friday, November 30th.

PSU Student Chapter Report

The Portland State University ASPRS Chapter is gearing up for another busy year beginning with the 2007-2008 colloquia. Molly Vogt, City of Gresham, will be kicking off the 2007-2008 series. We are still scheduling presenters, so if anyone is interested, please contact Beth Goralski, Vice-President (goralski@pdx.edu). The colloquia are open to all PSU students and the general community. For colloquia schedule, topics, and presentation times, visit the ASPRS PSU Chapter's website at <http://www.psuasprs.groups.pdx.edu/calendar/calendar.html>

In addition to hosting the colloquia, the PSU Chapter will continue to focus on increasing student membership by promoting ASPRS to other departments on campus, such as engineering, urban planning, environmental science (ESR), and Geology. Also, the chapter plans to hold another job forum this year. The panel presentation will be comprised of local GIS, Photogrammetry and Remote Sensing professionals.

Dan Coe, our chapter secretary for the second year running, will be studying abroad in Russia this coming fall term. We wish him a fantastic trip and look forward to his return.

Overall, we anticipate a fun and energetic year with increased membership and active student participation in the 2008 National ASPRS Conference this coming spring.

U of O Student Chapter Report

The University of Oregon student chapter of ASPRS is glad to welcome our new President Megan Lawrence, Vice President Nick Martinelli, and Secretary Leslie McLees. The start of the fall term is an exciting time for our chapter of ASPRS. We are kicking off the academic year with a BBQ and informational/recruitment meeting in conjunction with the Lane County Geographical Society on September 22nd at Armitage Park Site B at 3:00pm. We will not only be celebrating the great opportunities that ASPRS has to offer but connecting and renewing geographic friendships with others.

A new initiative our chapter will be starting this year is our first annual student research award competition. We will be accepting applications from students doing research work dedicated to remote sensing, imagery, cartography and geo-visualization. This award is a way to provide much needed support to students at the University while

promoting ideas, theories, and practices that the ASPRS is dedicated to.

Looking back on last year our student chapter has been involved in a number of conferences and public talks highlighting student work and emphasizing how important cartography, remote sensing, and photogrammetry are today. Part of our initial start up fees went to funding our ASPRS graduate student group to attend the American Association of Geographers (AAG) meeting in San Francisco. All of our current members gave presentations at the meeting. Staying connected to the ASPRS community is important to our students and our past President (Jacob Blair) and current President went to the TechExchange last year and gave presentations. We are looking forward to another year filled with activities and new participation for students at the University of Oregon.

OSU Student Chapter Report

Student officers and emerging leaders of the Oregon State University Student ASPRS Chapter met on September 6th to enjoy one of the last summer evenings and plan for the future. Michelle Kinzel, Sam Thomas, Karen Brietlow, Rob Denner and Richard Hughes put their energies into planning 2007-08 club activities and refining the mission statement and focus of the club to best meet the needs of the student membership. The agenda for the evening included defining the club purpose, refining the mission statement, setting goals and objectives for the upcoming school year, and planning for success in reaching these endeavors. Specific logistics for the future were discussed and agreed upon, and ideas for building membership, increasing networking opportunities, developing community service projects and hosting professional events were shared among the groups leaders.

Current plans include creating bike maps for Corvallis residents, mapping out the trails and habitat of a local wildlife preserve, educating middle school children about satellite technology and supporting student designed and led remote sensing and GIS projects. The evening concluded with an outline for a budget request that matched the goals and objectives set forth by the group.

The next year promises to be a busy one as the club gears up for the ASPRS Conference to be held in Portland in April, 2007. Stay tuned for events and happenings, the enthusiasm and energy at this pre school year meeting is indicative of a great year.



LOOKING ABOVE THE TERRAIN MODEL: LiDAR FOR VEGETATION ASSESSMENT

Presented by Dr. Sorin Popescu, Texas A & M University

November 16, 2007 8:30 a.m. to 4:30 p.m.

[World Forestry Center](#)

4033 SW Canyon Rd, Portland, OR, 97201, Mt. Hood Room

For the sixth year in a row the Columbia River Region of the ASPRS is excited to bring you a national workshop usually only available at the annual ASPRS conferences.

This full day workshop will focus on introducing participants to LiDAR processing techniques and applications for deriving information on forest resources and canopy parameters. (SEE DETAILED OUTLINE ON PAGE 3)

This year's workshop will be presented by **Sorin Popescu**, Assistant Professor of Remote Sensing at Texas A&M, Department of Ecosystem Science and Management. Dr. Sorin Popescu's academic interests focus on the application of remote sensing, in particular, and spatial sciences, in general, in natural resources assessment, monitoring, and management. He obtained his Ph.D. degree in Forestry at Virginia Tech. At Texas A&M University, he is currently teaching undergraduate and graduate courses in aerial photography, image interpretation, and remote sensing. His research interests include remote sensing applications in natural resources and forest sciences, assessment of forest fuels, forest volume and biomass, land use and land cover change, forest carbon sources and sinks, and global environmental change. He has developed various algorithms and software tools for multisensor data fusion and for processing LIDAR data for estimating forest biophysical parameters, such as stand density, tree height, crown diameter, volume, and biomass.

Cost: \$215.00 for ASPRS members (*join now to get the discount!*); **\$315.00** for non-members; **\$25.00** additional for 0.4 CEUs (optional); **lunch included** with the fee

Registration closes on November 7th. Space is limited to 40 people! Fill out the form below and email it to slennartz@sanborn.com or print and FAX** it to (503) 228-8751 (Attention: Steve Lennartz ASPRS). Make checks payable to: Columbia River Region ASPRS and mail checks to: Steve Lennartz, 421 SW 6th Ave, Suite 850, Portland, OR 97204.

** **Credit Card** payments should be faxed for security purposes. Payments will be processed by the ASPRS Headquarters office.

(Registration form next page)

REGISTRATION FORM		
Looking above the terrain model: LiDAR for vegetation assessment		
Columbia River Region ASPRS, November 16 th , 2007		
At **World Forestry Center 4033 SW Canyon Rd. Portland, Oregon 97221		
NAME:		
COMPANY/AGENCY:		
ADDRESS:		
CITY:	STATE:	ZIP:
PHONE:	FAX:	
EMAIL:		
ASPRS MEMBER? (check one): <input type="checkbox"/> yes <input type="checkbox"/> no		
Method of Payment: <input type="checkbox"/> Check (print name on check) <input type="checkbox"/> Visa <input type="checkbox"/> MasterCard <input type="checkbox"/> American Express		
Credit Card Account Number:		
Expiration Date (Mo./Yr.):		
Cardholder Signature:		
Date:		

LUNCH:

We will be serving a "Box Lunch" including a whole sandwich, fruit salad, chips and cookie.

Special additions or omissions will be considered.

Various beverages will be provided.

Please circle your choice or delete the rest:

- TURKEY TURKEY CLUB HAM
- ROAST BEEF TUNA VEGIE (w/ cheese)
- VEGAN

Custom Request

**DETAILED OUTLINE:
LOOKING ABOVE THE TERRAIN MODEL: LiDAR FOR
VEGETATION ASSESSMENT**

This day long intermediate level workshop will introduce participants to LiDAR processing techniques and applications for deriving information on forest resources and canopy parameters. This comprehensive workshop is organized as follows:

1. *Briefly familiarize participants with basic LiDAR and laser ranging concepts*
2. *Introduce types of LiDAR sensors for forest resources assessment and the LAS LiDAR data format.*
3. *Review algorithms for deriving information on forest resources.*
4. *Review processing techniques for generating canopy height models and 'multi-band' LiDAR height bins.*
5. *Introduce participants to TreeVaW, a LiDAR processing software for identifying and measuring individual trees on LiDAR-derived canopy height models.*
6. *Discuss an array of processing techniques derived from multi- and hyper-spectral image processing for using the LiDAR height bins for assessing vegetation parameters*

**Directions to the
World Forestry Center can be found on this web page:**

<http://www.worldforestrycenter.org/museum/visitus.php>

ASPRS and MAPPS Applaud National Land Imaging Program

MAPPS (www.mapps.org) and ASPRS (www.asprs.org) today praised the Bush Administration for its commitment to land remote sensing with the release of the National Land Imaging Program (NLIP) strategy by the Office of Science and Technology Policy (OSTP).

This program is designed to meet U.S. civilian moderate resolution land imaging needs to monitor the changes in land surface, Polar Regions, and coastal zones due to the changes in population growth, development and climate changes. It establishes a program office in the Department of the Interior, reporting at the Secretary and Assistant Secretary level, to provide focused leadership and management for the nation's land imaging efforts. NLIP will focus on maintaining a core, operational government commitment and capability to collect moderate-resolution land imagery through the procurement and launch of a series of U.S. owned satellites thereby ensuring the continuity of U.S. collected and managed Landsat-like data, well into future decades.

"ASPRS and MAPPS fully endorse the findings and recommendations of the plan. The plan's explicit recognition of the essential value of moderate resolution imagery to our environmental, economic, and homeland security is enormously important," said Kass Green, (The Alta Vista Company, Berkeley, CA) President-elect of ASPRS and a past President of MAPPS and Marvin E. Miller, PLS, PPS, CP (AERO-MERTRIC, Maple Grove, MN) President of MAPPS in a joint statement. "Our organizations have long held that a government operated moderate resolution satellite program is an important governmental function that does not compete with the private sector. We are pleased with this report, its findings that such a land imaging program provides enormous societal benefits, and its recognition that growth of the remote sensing market and the provision of value-added remote sensing services are exclusively a function of the private sector."

"Now the nation will have a focused program, dedicated to monitoring land changes throughout the world which will allow humanity to more effectively assess impacts, manage resources, and plan for future global needs," Ms. Green said.

"This is a significant step in global climate change monitoring by the Bush Administration," said Mr. Miller.

The program is a product of several months of intense research and analysis conducted by the Future of Land Imaging (FLI) Interagency Working Group which was composed of individuals from fifteen federal agencies including, among others, NASA, NOAA, USDA, and the Department of Defense. Both MAPPS and ASPRS contributed significantly to the effort, providing testimony to the commercial uses and public value of moderate resolution images. The findings of ASPRS's *Survey on the Future of Land Imaging* are cited repeatedly in the plan and the survey results are included as an exhibit.

Sustaining the U.S. commitment to moderate resolution imagery collection and management are achievements of ASPRS and MAPPS efforts beginning in 2005, when the two associations advised the Bush Administration of the necessity of a sustained operation in a joint letter. NLIP calls for the sustained operation the two associations have worked to achieve.

"OSTP stated in its announcement, 'The United States should establish and maintain a core operational capability to collect moderate-resolution land imagery through the procurement and launch of a series of U.S.-owned satellites' which is precisely what MAPPS and ASPRS advocated," said MAPPS Executive Director John Palatiello and ASPRS Executive Director James Plasker.

In addition to establishing and maintaining a U.S. core operational moderate resolution land imaging capability, NLIP responsibilities will include, among others,

- acting as the lead organization for coordinating and planning future U.S. civil operational moderate resolution imaging;
- ensuring that all U.S. needs for civil moderate-resolution land imagery data are met;
- working closely with other federal agencies to assess U.S. moderate resolution imagery needs by convening a multi-agency Federal Land Imaging Council;
- maintaining ongoing assessments of user needs and advanced technologies in remote sensing;
- negotiating international agreements to augment U.S. civil operational moderate resolution land imaging capabilities; and

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- will ensure that, consistent with the 1992 Land Remote Sensing Policy Act (15 USC 5601), development of the remote sensing market and the provision of commercial value-added services based on remote sensing data should remain exclusively the function of the private sector.

The plan also calls for the creation of a Federal Advisory Committee on Land Imaging composed of individuals from commercial, state, local government, academic, and other nonprofit organizations to guide these activities.

ASPRS and MAPPS pledged to work with Congress and the Administration on implementation of the NLIP recommendations.

About MAPPS: Formed in 1982 and currently celebrating the 25th anniversary of the association, MAPPS is the only national association exclusively comprised of private firms in the remote sensing, spatial data and geographic information systems field in the United States. Current MAPPS memberships spans the entire spectrum of the geospatial community, including Member Firms engaged in satellite and airborne remote sensing, surveying, photogrammetry, aerial photography, hydrography, charting, aerial and satellite image processing, GPS, and GIS data collection and conversion services. MAPPS also includes Associate Members, which are companies that provide hardware, software, products and services to the geospatial profession in the United States and other firms from around the world. MAPPS provides its members opportunities for networking and developing business-to-business relationships, information sharing, education, public policy advocacy, market growth, and professional development and image enhancement. For more information on MAPPS, please visit www.MAPPS.org.

About ASPRS: 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. For more information, please go to www.asprs.org.

Photogrammetric Engineering and Remote Sensing (PE&RS) Journal **Receives Top Rankings**

Photogrammetric Engineering & Remote Sensing (PE&RS) has been ranked number one in terms of cost effectiveness and citation influence in the field of Imaging Sciences & Photographic Technology; second in the field of Remote Sensing; and third in Geography-Physical, respectively, using a newly-released network-based journal ranking system developed by The University of Washington, Department of Biology. These rankings were determined using the Eigenfactor system which analyzed over 6000 academic journals in a wide variety of scientific disciplines (<http://www.eigenfactor.org>).

PE&RS excelled against 12 closely-related journals and holds first place in the field of Imaging Sciences & Photographic Technology, ahead of *IEEE Transactions on Medical Imaging*, and *Remote Sensing of Environment*. *PE&RS* ranked second among 10 competing publications in Remote Sensing, behind only the *IEEE Transaction on Geoscience and Remote Sensing*. Finally, in the category of Geography-Physical, *PE&RS* held third place after *Journal of Coastal Research* and *Polar Research journal*.

Dr. Carl T. Bergstrom of the Department of Biology, University of Washington reported that, "We have set out to develop better quantitative measures of journal cost-effectiveness. The most cost-effective journals are the likely "must-buy" periodicals for even small libraries wishing to cover the subject area. Indeed, a number of major university libraries and library consortia already use our metrics in making their subscription decisions." In studying the economics of scientific publishing, the University of Washington researchers were "struck by the fact that in most scholarly disciplines, library subscription prices for journals produced by for-profit publishers are 3 to 5 times as much per page as for journals produced by societies and university presses," according to Bergstrom.

As described on the Eigenfactor website, the system evaluates the influence of scientific journals using the same sort of network-based mathematics that Google uses to rank web pages. Using this method, scholarly references join journals together in a network of citations. Eigenfactor uses the structure of the entire network (instead of purely local citation information) to evaluate the importance of each journal. Eigenfactor measures journal price as well as citation influence. While the Eigenfactor (and related Article Influence) scores do not incorporate price information directly, the Cost-Effectiveness Search orders journals by a measure of the value per dollar.

(Continued from page 8)

The Eigenfactor analysis contains 115,000 reference items and adjusts for citation differences across disciplines. Different disciplines have different standards for citation and different time scales on which citations occur. By using the whole citation network, Eigenfactor automatically accounts for these differences and allows comparison across research areas.

Bergstrom added, "The high prices of many for-profit journals do not reflect higher quality as measured by citation rates. But, these high prices have driven the current 'serials crisis' that leaves even large research libraries unable to afford all of the journals that their users demand. Our numbers suggest that you [ASPRS] and your editorial board have successfully met this daunting challenge. Congratulations on this."

ASPRS Executive Director Jim Plasker reacted to the good news, "We are extremely pleased that *PE&RS* has received this type of recognition. ASPRS volunteers and staff constantly strive to produce the highest quality publications in the most cost-efficient manner. We are very proud of *PE&RS* and believe the *Journal* is a world-class publication; the Eigenfactor ratings appear to confirm this belief."

PE&RS, published monthly by ASPRS, blends the intellectual depth of a professional journal with the breadth of news represented by an industry magazine. Theoretical and applied papers address topics in photogrammetry, remote sensing, geographic information systems, global positioning systems and other geospatial information technologies. Every technical article is reviewed by mapping experts to ensure it is of the highest quality and makes a valuable contribution to the mapping profession. *PE&RS* is distributed worldwide to nearly 7,000 ASPRS members and institutional subscribers, and back issues can be viewed on line at www.asprs.org.

Two New Members Named to ASPRS Foundation Board of Trustees

ASPRS President Marguerite Madden has appointed Dr. Tina Cary, Cary and Associates (Longmont, Colorado), and Dr. Clifford Greve, SAIC (Farnham, Virginia), to the ASPRS Foundation Board of Trustees. Bryan J. Logan, Fugro-EarthData International, Inc. (Frederick, Maryland) was reappointed for another term. The Board now has a total of six trustees.

In making these appointments, Madden commented, "Our members have responded generously and enthusiastically to the ASPRS Foundation. We hope that the participation of eminent leaders, such as these appointees, in the guidance of the Foundation will continue to inspire our members to donate towards the endowment of our scholarships and awards. We most certainly appreciate the Trustees' personal support of ASPRS and its future."

ASPRS Foundation President Thomas Lillesand noted, "Collectively these individuals have already played a substantive role in advancing the geospatial information profession in general, and have made numerous contributions to the goals and programs of ASPRS in particular. They have demonstrated a vision and deep commitment to ensuring the future vitality of educational opportunities in our profession, and that is what the Foundation is all about."

The Foundation Board of Trustees has a clearly stated short-term goal of fully endowing all existing ASPRS awards and scholarships. The current estimate is that approximately \$500,000 will be required to reach that interim goal. The Foundation balance was approximately \$390,000 as of June 2007.

ASPRS strongly supports the Foundation's goals, and the Board of Direction has specifically set aside funds from the Society's reserves, totaling \$80,000 to date, to match individual ASPRS member and Region contributions to the Foundation.

More information about the Foundation, including the Board of Trustees, can be found at the website - www.asprsfoundation.org. Donations to the Foundation and the individual awards and scholarships may be made online at www.asprsfoundation.org/donate.

Founded in 1979, The ASPRS Foundation, Inc. is an independent 501(c)3 organization established to provide grants, scholarships, loans and other forms of aid to individuals or organizations pursuing knowledge of imaging and geospatial information science and technology, and their applications across the scientific, governmental, and commercial sectors. The Foundation is the primary funding source for all non-sponsored awards and scholarships recognized by the American Society for Photogrammetry and Remote Sensing.

ASPRS Foundation Receives First Transfer of Scholarship Funds From Region

The ASPRS Central Region has transferred its Francis E. "Gene" Lortz Memorial Scholarship, totaling \$24,000, to the ASPRS Foundation. This is the first such transfer in the history of the Foundation.

In February 2007, the ASPRS Executive Committee endorsed a proposal from the ASPRS Foundation to accept ASPRS Region Award Investment Funds for management by the Foundation. Several ASPRS Regions had approached the Foundation with the request to have their awards and scholarship funds managed by the Foundation because they believe that it is likely that the Foundation, with its larger portfolio, could obtain better returns on these investments. The Foundation will accept funds on behalf of an ASPRS region with the provision that the funds to be invested are solely for the purpose of supporting the endowment of the region's awards and scholarships program. Each ASPRS Region's board of direction seeking fund management by the Foundation must approve a resolution acknowledging the Foundation's policy for acceptance of region award investment funds prior to acceptance of region funds by the Foundation.

Gene Lortz Memorial Scholarship

The Lortz Scholarship was created in 1989 to honor Gene Lortz, who was serving as the ASPRS Rolla Region National Director at the time of his death. Initial donations of \$265 were raised the old fashioned way, through bake sales, penny raffles and a bratwurst picnic! Through hard work, good fellowship and generous personal donations the Lortz Scholarship grew rapidly, and in October of 1991 the fund had grown to \$ 6,231.57. The first Lortz Scholarship in the amount of \$250 was awarded in 1992 to Dale Troup of Southwest Missouri State University. Troup was the president of the SMSU ASPRS Student Chapter.

With watchful financial management of the fund by the Central Region's long time Treasurer Jerry Wagner, it has grown to over \$24,000 today. The annual scholarship to both a graduate and undergraduate award of \$1,000 is now fully endowed.

The transfer of the Lortz Scholarship from the Central Region to the ASPRS Foundation will ensure that the memory of Francis E. "Gene" Lortz lives on into the future and that the scholarship remains fully endowed. "The Central Region Officers thank Jim Plasker, ASPRS executive director, and Mike Renslow, ASPRS Foundation treasurer, for their guidance on this transfer," said Scott Perkins, former President of the ASPRS Central Region. "The process is well defined and was executed in a timely and professional manner. We strongly encourage other regions to consider the benefits of transferring their scholarship funds into the ASPRS Foundation."

Tom Lillesand, president of the Foundation's Board of Trustees, underscored that, "The Foundation's stewardship of funds raised at the region level is one more important step toward our overall goal of helping to create and endow numerous and sustainable sources of support to attract and honor members of our profession. We thank the Central Region for becoming a pioneer in this facet of the Foundation's overall program."

ASPRS, ACSM and MAPPS Announce Establishment of the Francis H. "Frank" Moffitt Memorial Scholarship Award

The American Society for Photogrammetry and Remote Sensing (ASPRS), in cooperation with MAPPS--The Association of Photogrammetry, Mapping, and Geospatial Firms, and the American Congress on Surveying and Mapping (ACSM) announces the establishment of The Francis H. "Frank" Moffitt Scholarship Award. Friends and colleagues of Moffitt (1922-2007) in these organizations created this scholarship in memory of his contributions to surveying and photogrammetry and his leadership in these organizations. The award consists of a \$2,000 check, a certificate, and a one-year student or associate membership (new or renewed) in ASPRS. The scholarship is for undergraduate and graduate studies in surveying and photogrammetry leading to a professional career in geospatial technologies. It is expected that the award will be given

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for the first time at the ASPRS 2008 Conference in Portland, Oregon next May.

During his 36 years as Professor of Civil Engineering at the University of California, Berkeley, Moffitt authored two textbooks, *Surveying* and *Photogrammetry*, which provided the basic fundamentals to many thousands of civil engineering, surveying, remote sensing, and forestry students throughout the world. Moffitt was also a prominent figure in the field of surveying and photogrammetry and served as National Director for ACSM (1967-1970), President of ASPRS (1979), and President of MAPPs (1986-1987).

This memorial scholarship is sponsored by MAPPs, ASPRS and ACSM and will be administered through the ASPRS Foundation. The goal is to eventually fully endow this award. An initial period of fund raising will occur over a five-year period, thus allowing a potential contributor to make a pledge with incremental contributions. One-time contributions will be accepted and encouraged. Six contribution levels have been established that reflect Professor Moffitt's professional life: Supporter (\$99 or less); Student (\$100 to \$499); Professional (\$500 to \$999); Professor (\$1,000 to \$4,999); President (\$5,000 to \$9,999); Honor (\$10,000 or more).

Donations to the Francis H. Moffitt Memorial Scholarship are invited and may be made online at www.asprsfoundation.org/donate; by mailing checks, money orders or credit card information to ASPRS, 5410 Grosvenor Lane, Suite 210, Bethesda, Maryland, 20814-2160; or faxing credit card information to ASPRS (fax: (301) 493-0208). Information about the ASPRS Foundation's other awards can be found at www.asprsfoundation.org.

First Provisional Certifications Awarded by ASPRS

ASPRS proudly announces the awarding of the first two provisional certifications for Mapping Scientist-GIS/LIS to Kibri Everett and Peter Muriuki. Everett was the first to receive this honor. Both awardees hold Masters Degrees from North Carolina Central University (NCCU). Dr. Rakesh Malhotra, their mentor at NCCU, commented that "Kibri and Peter are both outstanding students and I am thrilled that they were the first and second respectively, to receive the ASPRS provisional certificate in GIS."

Everett stated that she "decided to pursue this certification to further her professional knowledge in the field of GIS and remote sensing. Preparing for the certification expanded her knowledge base and enhanced the skills she obtained from coursework and on-the-job training. This demonstrates to her employer that she is committed to becoming a professional in this field." She is currently employed as an environmental scientist at RTI International, Research Triangle Park, North Carolina.

Muriuki is a current student member of ASPRS and was recently employed as an Environmental technician with the ERICC Project, Durham, North Carolina.

The Provisional Certification Program was put in place by ASPRS in late 2006 and made available to graduating students in the spatial sciences who meet the educational and program requirements. The first of its kind, this program provides students with the opportunity to take the ASPRS certification exam as they are finishing their studies. ASPRS is working with universities that offer spatial technology education to implement this innovative program.

Eligible students can apply, pass peer review, and take the examination in their specialty (Photogrammetry, Remote Sensing, or GIS/LIS) while still in school, and become "provisionally certified." They then enter the workforce and when they meet the job experience requirements, they become fully certified. Having both a Provisional Certification and a defined career path is a significant advantage when seeking employment. Mike Renslow, ASPRS Chair of the Evaluation for Certification Committee, noted "Creating opportunities for graduating students to be recognized in our profession is a significant contribution to the future of our Society and practice in the spatial sciences. As Kibri and Peter begin their careers, they now have distinctive qualifications and the support of ASPRS."

North Carolina Central University is the first university to offer ASPRS Provisional Certification. Malhotra further noted that "I could not have hoped for two better individuals to meticulously complete the requirements and then pass the rigorous certificate exam."

Details of this program can be found in the Certification and Recertification Guidelines: http://www.asprs.org/membership/certification/certification_guidelines.html.

Calendar

Sept. 24-25th, 2007: PNW GITA 8th Annual Fall Conference

Whistler, British Columbia

http://www.gita.org/chapters/pacific/fall_conf_flyer.pdf

Sept. 27-Oct. 2: 2007 AACSM/NSPS Fall Meeting

Arlington, Virginia

<http://www.acsm.net/conference.html>

Oct. 10-13: North American Cartographic Information Society Annual Meeting

St. Louis, MO

<http://www.nacis.org/index.cfm?x=2>

Oct. 17-20, 2007: Association of Pacific Coast Geographers 2007 Annual Meeting

Long Beach, CA

<http://www.csulb.edu/depts/geography/apcg>

Oct.-Nov. 2007: Geological Society of the Oregon Country Friday Night Meetings

Cramer Hall, Portland State University, 1721 SW Broadway

Oct. 12: "Update on the Search for Life on Mars"

Nov. 7: "The Orphan Tsunami of 1700"

Nov. 9: "The Origin of Lake Basins in the Pacific Northwest"

<http://www.gsoc.org/frisched.html>

Feb. 25-28, 2008: Integrating GIS & CAMA Conference

12th Annual Conference for Professionals in Property Assessment, Tax Administration, Mapping and Information Technology

New Orleans, LA

<http://www.urisa.org/conferences/cama/program>

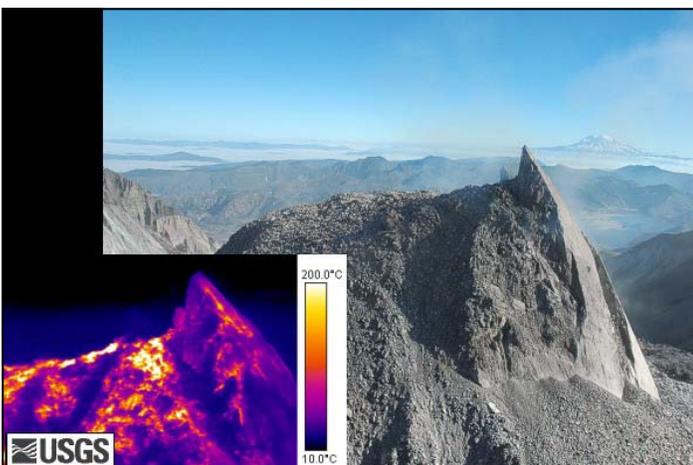
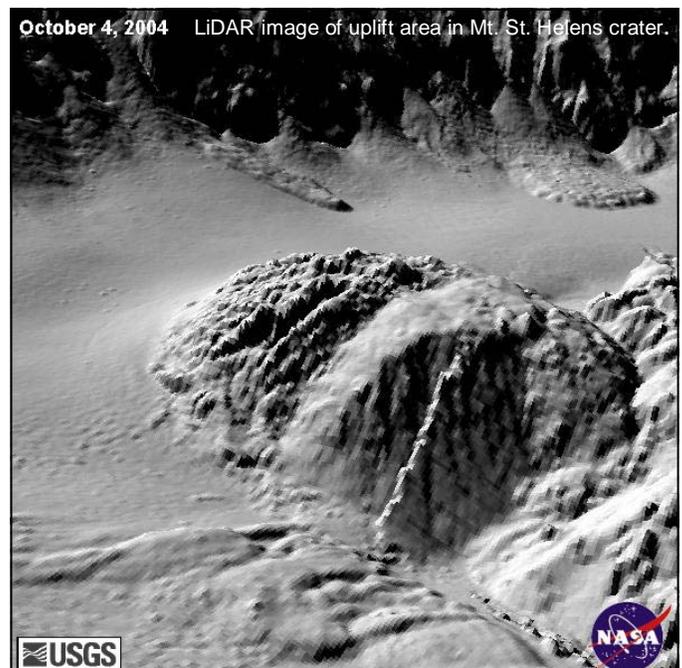
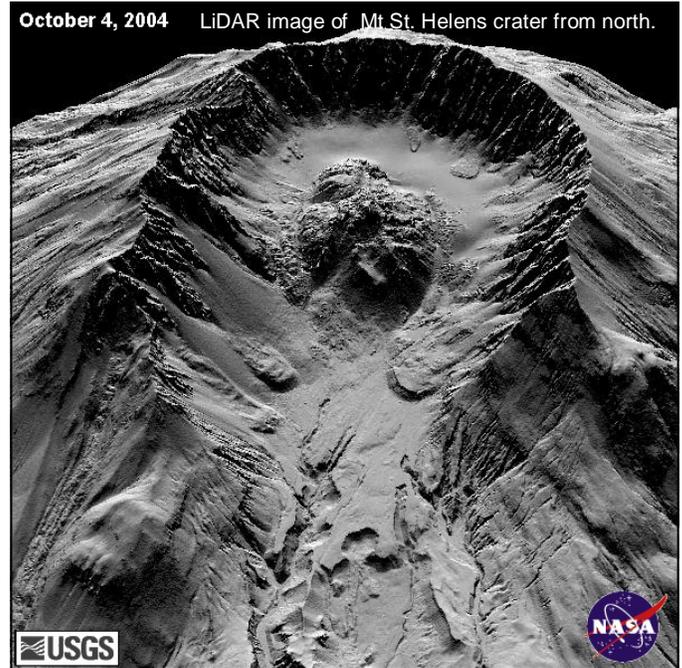


Photo of Mt St. Helens crater dome with FLIR Image inset, 9/12/06.



Welcome New CRR Members!

The members listed below have either joined (or rejoined) the CRR since June 2007.

Mr. Josh Aller.....Portland
Ms. Christina Arevalo.....Aurora
Claudie Campbell.....Madras
Mr. Dan Craver.....Portland
Rhonda Maronn.....Portland
Luis Movillo.....Portland
Ms. Jennifer L. Pera.....Eugene
Mr. Adam Roberts.....Portland

Thank you for joining and we hope to see you at some of our events in the near future!

New Oregon Registered Professional Photogrammetrists

The following individuals were approved for license by the OSBEELS Board in September:

Timothy Pool
Gerard Sehnalek

Anne Hillyer

Note: Applications to OSBEELS for the Oregon Registered Professional Photogrammetrist license by Prior Practice must be postmarked by Jan. 1, 2008. After that date all new applicants will need to pass both the Fundamentals of Surveying exam and a written Professional Photogrammetry exam. The OSBEELS application can be found here: <http://www.osbeels.org/Photogammetry.htm>

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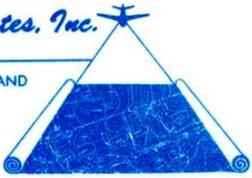
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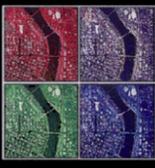
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