State of Potomac Region

American Society for Photogrammetry & Remote Sensing

Chris Parrish, PhD
(Outgoing) President, ASPRS Potomac Region

Annual Meeting and Dinner
The ASPRS Mission

Promote the ethical application of active and passive sensors and the disciplines of:

- Photogrammetry
- Remote Sensing
- Geographic Information Systems
- Other Supporting Geospatial Technologies

We are The Imaging and Geospatial Information Society
**ASPRS Overview**

- Founded in 1934 as American Society for Photogrammetry
- “….& Remote Sensing” added in 1980
- Publishes, maintains:
  - Specifications (e.g., LAS specification)
  - Guidelines (e.g., Guidelines for Procurement of Commercial Geospatial Products, ASPRS Guidelines : Vertical Accuracy Reporting for Lidar Data )
- Awards
- Scholarships
- Donations
- Numerous Publications: *PE&RS, Manual of Photogrammetry, etc.*, etc.
- National conference and specialty conferences
- Professional Certification
  - Certified Photogrammetrist, Certified Mapping Scientist - Remote Sensing, - GIS/LIS, Certified Photogrammetric Technologist, Certified Remote Sensing Technologist, Certified GIS/LIS Technologist

LT O.S. Reading, USC&GS
Geographic Distribution

17 Regions in USA

Members in 76 Countries

Potomac Region
Membership Trends

ACTIVE/ASSOCIATE
STUDENTS
TOTAL POTOMAC

TOTAL ASPRS

Legend:
- ACTIVE/ASSOCIATE
- STUDENTS
- TOTAL POTOMAC
- TOTAL ASPRS

Years:
- 1992
- 1993
- 1994
- 1995
- 1996
- 1997
- 1998
- 1999
- 2000
- 2001
- 2002
- 2003
- 2004
- 2005
- 2006
- 2007
- 2008
- 2009
- 2010

Membership counts:
- 1992: 1200
- 1993: 1100
- 1994: 1000
- 1995: 900
- 1996: 800
- 1997: 700
- 1998: 600
- 1999: 500
- 2000: 400
- 2001: 300
- 2002: 200
- 2003: 100
- 2004: 0

Graph shows the trends of membership counts from 1992 to 2010 for ACTIVE/ASSOCIATE, STUDENTS, TOTAL POTOMAC, and TOTAL ASPRS.
Member Benefits

• Access to a network of professionals
• Professional Certification opportunities
  – Photogrammetrist, Remote Sensing, Mapping Scientist, Technologist
• Subscription to peer-reviewed journal: *Photogrammetric Engineering & Remote Sensing (PE&RS)*
• Reduced fees for ASPRS conferences, workshops, and training
• Employment announcements
• Discount on ASPRS publications
• Eligibility for National and Regional awards, scholarships, and fellowships
**Potomac Region Member Benefits**

- Network with ASPRS Potomac Region members from government, academia, & private industry
- Reduced fees for annual GeoTech Conference
  - Workshops, technical talks, exhibits
  - Local venue + low registration fees → low cost
- **Free Technical Tours:**
  - NASA Goddard Space Flight Center
  - GeoEye (8/26/2011)
  - USDA, National Agricultural Statistics Service Information (NASS)
  - National Archives
  - MDA Federal
  - IAVO Research & Scientific (NC)
  - Army Geospatial Center (AGC) (1/25/2011)
  - NGA
  - USGS (5/16/2012 – tentative, Greg Snyder, Manager, Lidar Program Development, USGS Land Remote Sensing Program organizing)
  - NIST
# Potomac Region Financials

**Assets as of:**

Please list each account separately:

<table>
<thead>
<tr>
<th>Account</th>
<th>December 31, 2011</th>
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<tbody>
<tr>
<td>Cash In Bank, Checking</td>
<td>$48,670.60</td>
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<tr>
<td>Cash In Bank, Savings</td>
<td></td>
</tr>
<tr>
<td>Certificates of Deposit</td>
<td>$25,146.05</td>
</tr>
<tr>
<td>Petty Cash</td>
<td></td>
</tr>
<tr>
<td>Accounts Receivable</td>
<td></td>
</tr>
</tbody>
</table>

**Total Assets:**

$73,816.65

*From 2011 Region Financial Report
Submitted to ASPRS HQ*
[From left to right] J. Chris McGlone, Technical Advisor; Josh Sisskind, Region Director; Allan Falconer, Secretary-Treasurer; Barbara Eckstein, National Director; Yogendra Singh, Historian; Peter Doucette, Immediate Past President; John Manzer, Vice President & GeoTech Chair; Chris Parrish, President

[Not shown] Anthony Stefanidis, Region Director; Yong Wang, Region Director; Luiz Cortes, NC ASPRS President; Robert Black, Region Director
Welcome
New 2012 Board Members

Dr. Ashley Holt
2012 Sec-Treasurer

Dr. David Streutker
Region Director
Potomac Region Structure

ASPRS National (Bethesda, MD)

Potomac Region

NC Chapter

GMU Student Chapter and Forum

WVU Student Forum

Virginia Tech Student Forum

Penn State Student Forum

...
Student Forums and Chapters

- **Penn State University**
  - Gilbert Hobrough Potomac Region Student Forum, Advisor/Coordinator: Karen Schuckman, Past ASPRS President

- **Virginia Tech**
  - Scott Reading Potomac Region Student Forum, Advisor/Coordinator: Dr. James Campbell

- **George Mason University**
  - Frederick Doyle Potomac Region Chapter & Student Forum, Advisor/Coordinator: Dr. Anthony Stefanidis, Student President: Katarina Doctor

- **West Virginia University**
  - Alfred O. Quinn Potomac Region Student Forum, Advisor/Coordinator: Dr. Tim Warner

WVU Student Chapter Trip to MDA Federal
GMU Student Chapter and Forum – 2011 Activities

- Monthly meetings
- Attending GeoTech, Geoint, Pecora, AAG, SPIE and ASPRS conferences
- Booth at GISDay (November 16th)
- Creating and updating wiki site, GMU website, and Facebook page
- Seminars with invited speakers, co-organized with the Geographical Honor Society (Gamma Theta Upsilon)
- Summer school scheduled for June 2012; being organized with ASPRS Student Advisory Council (SAC)
GMU Student Chapter and Forum
GMU Student Chapter and Forum
• Update from Prof Jim Campbell, VT ASPRS Student Forum Advisor/Coordinator

1. In Sacramento, the VT team won the GeoLeague Challenge—an effort entirely initiated and executed by the students in the ASPRS chapter over the past few months, starting in November

2. One of our doctoral students won the Fischer award this year

3. The student leadership of the chapter organized themselves to fund travel for four members to attend the Sacramento meetings (completely successful effort!)

4. They now are planning for Fall 2012 and requesting funding support from the student government organization for travel to GeoTech

5. Bottom Line: The student ASPRS chapter here at VT is active and successful on several fronts
PR 2011 Events

• Annual Meeting & Dinner
• Tech Tours
  – Army Geospatial Center (AGC)
  – GeoEye
• ISPRS Summer School at Fayetteville State University
• GeoTech Conference
• 3 Newsletters
GeoTech 2011

• Held at NOAA Science Center & Auditorium, Oct 12-13
• >130 attendees
• Conference theme: Emergency Preparedness & Response
• 15th Anniversary Ceremony
  – 14 honorees in attendance
  – Commemorative Address by Yogen Singh
Potomac Region Honors

- Region of the Year: Second Honorable Mention for 2010
- Region of the Month: 5x in 2011! (Record?!)
  - June, July, August, October, and November
- Region member, Alan Stevens, received ASPRS Honorary Member Award at National Conference in Milwaukee
<table>
<thead>
<tr>
<th>Event</th>
<th>Details</th>
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<tbody>
<tr>
<td><strong>GeoTech 2012</strong></td>
<td>Will be returning to GMU this year with Allan Falconer as Conference Chair</td>
</tr>
<tr>
<td><strong>2012 Potomac Region TechTours</strong></td>
<td>USGS (soon!)</td>
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| **ASPRS SAC - 1st Annual Summer Conference** | Multi-Source Geospatial Data Fusion  
June 10 - 16, 2012, GMU |
| **MAPPS/ASPRS Specialty Conference** | Cloud to Ground (R)Evolution  
October 29 – November 1, 2012  
Tampa, Florida |