Central Region Newsletter American Society for Photogrammetry & Remote Sensing

Volume 16, Issue 5 October 2004

Inside this issue:

ASPRS Fall Conference Reports

GIS Day Activities in the Region

Classifieds

Francis E. "Gene" Lortz Scholarship Announcement

Scholarship Applica-

Events Calendar

Technical Presentations

An Evening with the Kansas City Royals and the New York Yankees

and players became semi-professional and then full-time play- seemed particularly valid. ers of the sport. Here in the USA the cricket clubs remained urban version of cricket, which at the time was either US top of the third there was a feel in the air that the Yankees were Rounders (two bases, pitcher stands at one, the batter at the other) or Townball (four bases arranged in a square rather than a diamond, with the batter standing halfway between fourth and first bases). Baseball was to evolve from these two games, and after 1900 it took over the American psyche and the neglected game of cricket was but a memory.

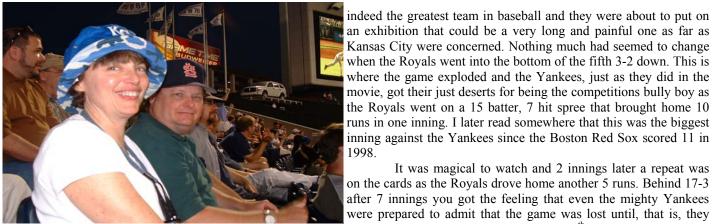
Fast forward 100 years to the late 1980's and the first introduction to baseball, American style, for many Australians not born into the sport was the movie Major League. Cricket is still the national pastime in Australia and so most of us took only two things from this movie: an over developed sense of national pride at seeing a Kangaroo on a bottle of shampoo (look closely in Tom Berenger's locker during spring training); and the notion that the New York Yankees were the big, bad, arrogant, will do anything to win, bully boys of the baseball world. From this movie we developed the feeling that all baseball fans who weren't Yankees supporters, agreed with the saying "I support two teams ... <my team> and whoever is playing against the Yankees".

Fast forward another 15 years to the 2004 ASPRS Fall Conference. It's Monday September 13 and we are off to Matt Dunbar (Mt. Oread Student Chapter) and Central Region President

Baseball. It's America's watch a baseball game at Kauffman Stadium where who should national pastime. "Take me out to be playing the struggling Kansas City Royals but the New the ball game" and all of that. I'm York Yankees of all teams? I had been at Kauffman Stadium a from Australia, and in Australia the month earlier to watch Kansas City play the Anaheim Angels national pastime is cricket. So what where they had dropped a heart-breaker in the ninth (lost 6-4, do most Australians know of base- after leading 4-3) and that day the stadium had been almost ball? Well we know that baseball is empty. Today, however, the atmosphere upon walking into the the offspring of cricket: In the late stadium was something completely different: it felt similar to 1880's cricket was an elitist amateur an international cricket match, but not quite the same. The stasport, played mainly by Australia dium was filling to close-to-capacity quickly and the number of and England but the best cricket fans wearing Yankees paraphernalia was incredible, to the players in the USA could hold their point where it seemed that the Royals fans were going to be own on the world stage. Then cricket outnumbered in their very own stadium. Granted, after all the underwent a revolution in Australia New York Yankees are to baseball what Manchester United or and England that was ignored in the Real Madrid is to soccer and the comment that there could not USA where the standards improved be this many transplanted New Yorkers living in Kansas City

To the general surprise of all but the most die-hard stubbornly elitist barring those below them on the social ladder Royals supporter, Kansas City finished the first inning with a from playing the sport of Kings. So the lower classes took the 1-0 lead, and when the Yankees drilled home two runs at the





ASPRS Vice-President and Kansas City local Kari Craun and former Central Region President Mike Finn

where the game exploded and the Yankees, just as they did in the movie, got their just deserts for being the competitions bully boy as the Royals went on a 15 batter, 7 hit spree that brought home 10 runs in one inning. I later read somewhere that this was the biggest inning against the Yankees since the Boston Red Sox scored 11 in 1998. It was magical to watch and 2 innings later a repeat was on the cards as the Royals drove home another 5 runs. Behind 17-3 after 7 innings you got the feeling that even the mighty Yankees

indeed the greatest team in baseball and they were about to put on an exhibition that could be a very long and painful one as far as Kansas City were concerned. Nothing much had seemed to change

were prepared to admit that the game was lost until, that is, they drove home 5 runs of their own in the 9th inning. Suddenly, my thoughts returned to the other time I'd been to Kauffman Stadium and I uttered the

question on the mind of everyone around me "Surely the Royals couldn't lose it from here could they?" and despite their best efforts to snatch defeat from the jaws of victory they held on for a 17-8 win. From my limited perspective as an Australian who is a St Louis Cardinals fan the result ranked right up there as one of the best scorecards of the season; the other was Cleveland 22 to Yankees 0. The crowd too left the game having thoroughly enjoyed the run-fest, not least of all because along the way the Royals managed more than 12 hits, meaning participating Krispy Kreme outlets were going to be swapping ticket stubs for a dozen doughnuts the next day. The conference volunteers managed to pool their tickets, and we collected a carton or two of doughnuts every day for the remainder of the conference, and on more than one occasion I found myself suffering from a sugar rush gained from inhaling a handful of doughnuts between seminars, that made me feel like I had the ability to take on the Yankees myself.

The following link provides a description on how baseball developed from cricket, a few similarities of the games: http://usa.cricinfo.com/ link to database/ARCHIVE/CRICKET NEWS/2004/ MAY/153076 USA 24MAY2004.html

The following link explains limited-overs cricket using baseball terminology, outlining a few differences of the games along the way: http://members. tripod.com/~sccwa/crick.html



Matt Reed—Another Central Region Past-President

—Submitted by Chris Wood, Southwest Missouri State University

New Members!

The Central Region Board would like to welcome thirteen new members including six regular members and seven student members. All four states in the region are represented. The students hail from four different schools: University of Arkansas, University of Oklahoma, Oklahoma State University, and Southwest Missouri State University.

Regular Members:

- Mr. Justin Langer, Western Air Maps, Overland Park, Kansas
- Mr. Keith Guilford, Western Air Maps, Overland Park, Kan-
- Mr. Shawn Raasch, Western Air Maps, Overland Park, Kan-
- Ms. Missy Melton, Western Air Maps, Overland Park, Kansas
 Mr. Dustin Howard, Norman, Oklahoma
- Mr. Cody Wayne Buhrmeister, Western Air Maps, Overland Park, Kansas
- Mr. Gregory James Jeffers, Titan Corp., Edmond, Oklahoma

Student Members:

- Ms. Michaela Buenemann, Norman, Oklahoma
- Mr. Mang Lung Cheuk, Norman, Oklahoma
- Ms. Stacey Armstrong, Springfield, Missouri
- Mr. Christopher Bryce Lomax, Fayetteville, Arkansas
- Mr. Johnathan Rush, Norman, Oklahoma
- Mr. Georges F. Backoulou, Stillwater, Oklahoma

ASPRS Fall Conference: Impressions and Perceptions

The ASPRS Fall Specialty Conference was hosted by the Central Region in Kansas City from 12 to 16 September. The title for the conference was "Images to Decisions: Remote Sensing Foundations for GIS Applications". It was a small conference that featured both technical sessions and workshops. Social events included an outing to see

the Kansas City Royals administer a hiding to the New York Yankees; an outing that would not have been possible if not for the generosity of Sustaining Members Aerial Data Services, Western Air Maps, and Zeiss-Intergraph. Some comments from attendees are included below.

It's been over a month now since the ASPRS conference in Kansas City, and the passing of time allows me to summarize and reflect on the meeting. I have fond memories of my first, and best, baseball game EVER. It was enjoyed with friends, students and colleagues and we all packed on a few extra pounds after the game through the consumption of the free Krispy Kreme doughnuts resulting from the Royals' annihilation of the Yankees. Of course, the conference also provided fruitful research and project conversations and idea exchanges that I am beginning to implement and experiment with. As you may know I was not only involved in the confer-

"I got an overall feeling that the conference was well liked by those that attended it. It was small and one was able to get more out of it in the technical sessions. The "how to" sessions were well attended also and I hear many positive comments on these sessions."

Past-President Matt Reed

ence as a presenter, but also as the organizer of the student volunteers at the meeting. Although we were a few short of a full slate of volunteers, the numbers did not reflect the effort and hard work that the 12 students put into their responsibilities at the conference. Many worked more then the required number of hours, some even more than double overtime. A couple of the student volunteers also presented at the conference and did an outstanding job showing their research on top of the assistance that they provided at the registration desk, technical sessions and exhibit hall. It's always a pleasure to watch some of the upcoming researchers and newest members of ASPRS as they assert themselves in the academic, research and geospatial industry communities. I have even been informed that for a few of the volunteers, their work and efforts resulted in numerous job interviews, conference invitations and even a few job offers. In general, this fall meeting was excellent and the friendly mid-western atmosphere provided a comfortable environment for learning and offered numerous personal and professional networking opportunities. Thank you to all of the volunteers, it was a pleasure working with you all, I look forward to seeing you at upcoming ASPRS events, including Baltimore 2005.

by Monika Moskal, Vice President, Central Region ASPRS and Assistant Professor in the Department of Geography, Geology and Planning, Southwest Missouri State University

Four University of Kansas students and members of the Mount Oread ASPRS Student Chapter had the opportunity to attend and participate in the ASPRS Fall 2004 conference in Kansas City. Kevin Dobbs, President of the Mount Oread ASPRS Student Chapter and Masters student showed his work "Kansas NEMO: Remote Sensing derived visualizations for local and regional planning." Iwake Masialeti, a PhD student from Zambia also presented a talk entitled, "Assessing the landscape effects of forest depletion in the Chongwe district of Zambia using object-oriented landcover and landscape pattern." Geoff Folker, a Masters student, made the trip to KC in between classes to work at the conference as a student volunteer. Not only did Geoff meet his volunteer requirements, but he did double duty filling in for a cancelled volunteer despite his long daily commute. I had the chance to present my own completed Masters research and also to participate as a volunteer. After my presentation, "Drawing a complete picture of forest change in Northeastern Kansas using quantitative and qualitative analysis techniques." I was able to exchange ideas with other attendees on the subject of visualization in remote sensing and to meet up with Marguerite Madden, one of the conference organizers who had invited me to take part in the session. After spending many hours of work on accuracy assessment of my own thesis data, it was only appropriate that I had the chance to volunteer at the Accuracy Assessment workshop led by one the subject's gurus, Kass Green, and supported by her colleague Russell Congalton, the current ASPRS president. In a nutshell, this is exactly the type of wonderful opportunity that volunteering at an ASPRS conference provides. Where else can you get the chance to check the methodology of your own research with those individuals who, literally, wrote the book on the subject?

-by Matt Dunbar, Treasurer and Graduate Student at University of Kansas, Mount Oread Student Chapter and the Kansas Applied Remote Sensing Program and Department of Geography

GIS Day 2004 Activities in the Region

University of Kansas: 3rd Annual University of Kansas GIS Day Symposium

Wednesday, November 17th, 2003 - Lindley Hall

GIS Day is a nationwide event to promote awareness and appreciation of geographic information system (GIS) science and applications . For the 3rd year in a row, KU will open its doors to schools, businesses, and the general public to showcase real-world applications of this important technology. Presentation sessions will occur throughout the day, covering a wide spectrum of GIS topics:

Land, Coast and Ocean: GIS Across Scales and Domains - PRISM Polar Radar for Ice Sheet Measurement - Gender, Geography and Village Elections: Male Outmigration and Elected Women Cadres in Fujian, China - GIS Silently Changing Society - Doppler Radar and Hydrology - Water Systems Planning and Hydraulic Modeling - Building Successful 9-1-1 Solutions with GIS - Garmin's GPS Products and Base Map Development - Evaluating a Field Tool for Creating Spatial Databases of Minefields - Bioterrorism Risk Assessment

The day will also feature a student presentation competition, and will conclude with a keynote presentation from James D. Fitzsimmons, the Assistant Chief for Geographic Studies and Information Resources, Population Division, U.S. Census Bureau. For more information on the day's events please visit www.geog.ku.edu or email mdunbar@ku.edu.

University of Oklahoma

With sponsorship from Oklahoma NASA Space Grant, the Center for Spatial Analysis at the University of Oklahoma (http://www.csa.ou.edu/) will host advanced placement students from a local high school in celebration of GIS Day and Geography Awareness Week. The students will participate in hands-on activities using GIS, GPS, and Remote Sensing technologies and compete in a geography bowl. A map and poster gallery featuring GIScience based student research will also be on display.

Southwest Missouri State University: Mapping the Past

Date: Wednesday, 17 November 2004, 10 AM - 4 PM Location: Temple Hall 307, Southwest Missouri State University

Project Website: http://ozarksgeography.smsu.edu/centennial/

Description: This Centennial event, Directed by L. Monika Moskal, an Assistant Professor in the Department of Geography, Geology and Planning at Southwest Missouri State University is sponsored by the College of Natural and Applied Sciences. The event celebrates the SMSU 100 year anniversary by using geospatial technologies to map the campus during the last century. A virtual arboretum has also been established and 100 Centennial Trees representing the species diversity on SMSU camps have been marked with plaques donated by the 2004 Graduating Class.

Demonstration of the application of aerial photography, Geographic Information Systems (GIS), and Global Positioning Systems (GPS) to locate the 100 trees will be given. Campus tour of the 100 Centennial Trees will also be conducted. Come and learn more about geospatial technologies, SMSU arboretum, explore the virtual campus map, and get your free map of the SMSU Centennial Trees.

Admission: All are welcomed, the event is Free

Contact: L. Monika Moskal, Assistant Professor, at MonikaMoskal@smsu.edu or (417) 836-4273.

Classifieds

Donors Wanted for the Francis E. 'Gene' Scholarship: The Board awarded two scholarships this year and would like to continue this practice in future years. However, the principal in the scholarship fund is insufficient to sustain the current level and number of awards. We would like to ask our members to consider donating to this fund to support students and future professionals in our region. Please contact our treasurer if you are interested in making a donation.

Jerry Wagner USGS—MCMC MS 444 1400 Independence Rd Rolla MO 65401 jwagner@usgs.gov (573) 308-3764

2004 Francis E. "Gene" Lortz Memorial Scholarship Announcement

The Central Region of the American Society for Photogrammetry and Remote Sensing (ASPRS) is inviting students to apply for the 2004 Francis E. "Gene" Lortz Memorial Scholarship. There will be two scholarships awarded this year in the amount of \$1,000 each. One of the scholarships will be awarded to a post-graduate or graduate student, and one scholarship will be awarded to an undergraduate student. All students within the Central Region who meet the general eligibility requirements listed below are encouraged to complete the enclosed application and return it with the required supportive documentation to:

L. Monika Moskal Assistant Professor and Central Region ASPRS Vice President Department of Geography, Geology and Planning Southwest Missouri State University 901 South National Ave., Temple 323 Springfield MO 65804

Phone: (417) 836-4273 Fax: (417) 836-6006

e-mail: MonikaMoskal@smsu.edu www.faculty.smsu.edu/l/lmm878f

The top 10 applicants will receive a free annual ASPRS student membership. All current ASPRS members should include their ASPRS membership number on their application. The ASPRS scholarship committee will submit renewal and new membership applications.

ELIGIBILITY REQUIREMENTS:

- o The applicant is a full-time student at an accredited college or university (as defined by that college or university).
- The applicant has an overall cumulative grade point average of 2.8 or better (on a 4.0 scale).
- o The applicant has completed at least 30 semester hours or equivalent of college.
- o The applicant is pursuing a degree in: GIS, Geospatial Information Science, Mapping Sciences, Geomatics, Imaging, Remote Sensing, Photogrammetry or related subjects.
- o The applicant is not a previous winner of the Francis E. "Gene" Lortz Memorial Scholarship.

 NOTE: if you won at a different academic level but have moved up to a new academic level you can still apply. Example undergraduate winners can apply once they are graduate students. Master level students can apply once they are PhD students.

All application materials must be received at the above address by **Friday**, **December 10**th, **2004**, in order to be considered. The winner will be notified by Monday, January 31st, 2005.

PLEASE ATTACH THE FOLLOWING WITH YOUR COMPLETED APPLICATION FORM:

- 1) <u>All college transcripts from schools attended</u>, documenting your past and current grade point average and number of completed hours.
- 2) Letter of recommendation from your ASPRS sponsor or Academic advisor.
- 3) Brief (1 page limit) narrative containing Career Goals and studies.
- 4) One page budget for the 2004-2005 academic year outlining academic needs and expenditures.
- 5) Brief Work / Volunteer history, including name of organization, location (city, state), length of work (months, years), duties preformed.
- 6) Completed ASPRS membership application*, to be sent in if selected one of the top 10 applicants.

^{*}The top 10 applicants will be awarded a free student membership within ASPRS. All current ASPRS members should include their ASPRS membership number on their application. The ASPRS scholarship committee will submit completed renewal and new membership applications.



THE IMAGING & GEOSPATIAL INFORMATION SOCIETY

Central Region

www.rollanet.org/~asprs

Application for 2004 Francis E. "Gene" Lortz Memorial Scholarship

	City	State	Zip	
Email address_				
Have you prev	iously received an ASPRS region	al or national award or sc	holarship?	Yes No
If yes please ex	plain:			
Are you an AS	PRS member?Yes No)		
If yes, list your	ASPRS Membership Number		(For renewal	l purposes only)
Name of ASPR	S sponsor or Academic advisor _			
College Name	and Address			
	City		State	Zip
Full Time Stud	entYes No Major_	Do	egree	
Overall Cumul	ative Grade Point Average	Scale		
	urs Completed Anticip	oated Graduation Date (m	o/yr)	
Number of Ho	Ionor societies:			
Number of Ho	Ionor societies:			

Events Calendar

November 7-10, 2004. **Geoscience in a Changing World**, Geological Society of America, Denver, Colorado. (www.geosociety.org/meetings/2004/)

November 8-10, 2004. **The High Spatial Resolution Commercial Imagery Workshop.** U.S. Geological Survey National Center, Reston, Virginia. The intent of the workshop is to exchange information regarding the characterization and application of DigitalGlobe Inc.'s QuickBird-2 and ORBI-MAGE's OrbView-3 imagery as purchased by the government. Additionally, updates on the characterization and application of Space Imaging Inc.'s IKONOS imagery will be presented. This workshop is sponsored by the Joint Agency Commercial Imagery Evaluation (JACIE) team, a collaborative group of representatives from the United States Geological Survey (USGS), National Aeronautics and Space Administration (NASA) and the National Geospatial-Intelligence Agency (NGA). For workshop and registration information, visit http://www.usm.edu/cice/ce/jacie/index.html.

November 18-20, 2004. **ISPRS WG V/6 International Workshop on "Processing & Visualization using High-Resolution Imagery",** Pitsanulok, Thailand. (www.photogrammetry.ethz.ch/pitsanulok_workshop/index.html)

December 4-7, 2004. ISPRS WG I/4 International Conference on "Advanced Remote Sensing for Earth Observation; Systems, Techniques, and Applications". Riyadh, Saudi Arabia (www. remotesensingarabia.org)

February 21-23, 2005. **The 9th Annual Missouri GIS Conference**, Tan -Tar-A Resort, Osage Beach, Missouri. View flier http://msdisweb.missouri.edu/save-the-date-mogis2005.pdf (Adobe pdf 64Kb)

March 6-9, 2005. **GITA's Annual Conference 28, Crossing Boundaries**, Colorado Convention Center, Denver, Colorado (www.gita.org/events/annual/28/index.html)

March 7-11, 2005. **ASPRS 2005 Annual conference: Geospatial Goes Global: From Your Neighborhood to the Whole Planet,** Baltimore, Maryland, (http://www.asprs.org/baltimore2005)

March 14-16, 2005. 3rd International Symposium Remote Sensing and Data Fusion Over Urban Areas (URBAN 2005) and the 5th International Symposium Remote Sensing of Urban Areas (URS 2005). The first joint conferences of URBAN and URS represent a landmark event for the international urban remote-sensing community. Both conferences will highlight the most recent advances in urban remote-sensing technology, methodology, and application since 1997. The conference will be held at Arizona State University-Main Campus in Tempe, Arizona, USA (in the Phoenix metropolitan area)

(http://www.urban-remote-sensing.org)

May 16-18, 2005. **Multi Temp 2005: The 3rd International Workshop on the Analysis of Multi-temporal Remote Sensing Images**, Beau Rivage Resort and Casino, Biloxi, Mississippi, USA. (www.multitemp05.org)

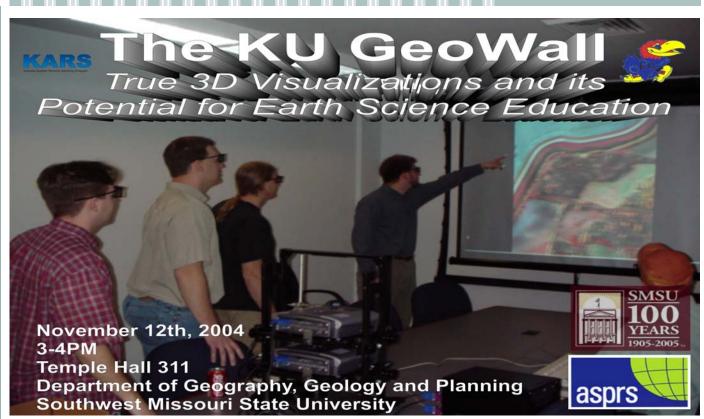
Technical Presentations—12 November 2004

The Central Region is pleased to sponsor the following two Technical Presentations to be held in Springfield, Missouri:

How to Compete and Win: a Guide to Student Conference Competitions and Scholarship Applications

L. Monika Moskal, an Assistant Professor at Southwest Missouri State University, and the Vice-President of the Central Region of ASPRS will be discussing strategies for student poster, presentation, paper preparation and presentation. The second part of the workshop will discuss scholarship application strategies including writing the winning statement, resume creation and budget balancing. Professor Moskal is the recipient of four ASPRS scholarships and multiple other awards from American Association of Geographers, Sigma Xi, International Landscape Ecology Society and GIS International

November 12th, 2004
1-2 PM
Temple Hall 311
Department of Geography,
Geology and Planning,
Southwest Missouri State
University



Description: Developed by computer scientists and geologists, the GeoWall is utilized to display digitally-generated stereoscopic (true 3-D) images to large audiences for under \$10,000. This presentation will demonstrate the University of Kansas GeoWall, which consists of two DLP projectors, polarizing filters for each projector, polarized viewing glasses, and a viewing screen capable of preserving the polarization. As we have shown stereoscopic images on the GeoWall to varied audiences, we have been impressed by the invariably positive reactions (Oh's! and Ah's!). Clearly, the GeoWall has the potential to enhance traditional 2-D planimetric views; for instance, topographic maps come to life when a student can actually see mountainous regions associated with contour lines.

Directions to SMSU



From the east on I-44 (from the St. Louis area)

Exit I-44 at the US 65 south exit (the Branson exit). Stay on US 65 (south) 2.5 miles until you reach the Chestnut Expressway exit. Take the Chestnut Expressway exit. Turn right and follow the Chestnut Expressway 2.7 miles (west) until you reach National Avenue. Turn left and follow National Avenue approximately 1.0 mile (south) to the SMSU campus.

From the west on I-44 (from the Joplin/Tulsa area)

From I-44, exit at the Chestnut Expressway exit, and travel east to National Avenue. Turn south (or right) and travel south until you reach Grand Avenue. Turn west (right) on Grand Avenue. The SMSU campus begins at the corner of National and Grand.

From the north on Highway 13 (from the Kansas City area)

Stay on Highway 13 from Clinton (which is called the Kansas Expressway as you reach Springfield) until you get to Grand Street. (It is approximately 3.6 miles from where US 13 crosses I-44 to Grand Street.) Turn left and follow Grand Street approximately 2.0 miles (east) until you reach the SMSU campus.

From the north or south on US 65

Exit US 65 at the Chestnut Expressway exit. Go west on Chestnut 2.7 miles to National Avenue. Turn left and follow National approximately 1.0 mile (south) to the SMSU campus.

From the east on US 60

Exit US 60 (or James River Expressway) at the National Avenue exit. Turn right and follow National Avenue approximately 3.5 miles (north) to the SMSU campus.

Visitors may park in the visitor's parking lot at the corner of National Avenue and Monroe Street (lot 13) or other metered parking on campus. For a visual view of the visitor parking lot, see the SMSU Campus Map. When you arrive at the SMSU campus, you will need to obtain a visitor parking permit or use a parking meter. Daily and weekly visitor parking permits are available at the <u>Transit Operations Center</u> at 700 East Elm from 8:00 a.m. to 4:30 p.m. Monday through Friday. After hours, permits are available at the <u>Department of Safety and Transportation</u>, 744 East Cherry.

For further information please contact: L. Monika Moskal, Assistant Professor, Department of Geography, Geology and Planning, Southwest Missouri State University at MonikaMoskal@smsu.edu or (417) 836-4273.

The Central Region was named ASPRS Region of the Month for August!

ASPRS CENTRAL REGION

USGS-MCMC MS 706 1400 Independence Rd Rolla MO 65401

Phone: 573-308-3540 Fax: 573-308-3652 Email: prufe@usgs.gov



The Imaging & Geospatial Information Society

We're on the web! www.rollanet.org/~aspra/

Classifieds

The Region Board of Directors has created a Classifieds section in the newsletter. Region members seeking to hire or to be hired should send information to the Newsletter editor.

Phil Rufe USGS– MCMC MS706 1400 Independence Rd Rolla MO 65401 prufe@usgs.gov (573) 308 –3540

Donors Wanted for a Central Region Corporate Scholarship. The Board awarded two scholarships in 2003 and would like to continue this practice in future years. However, the principal in the Gene Lortz Scholarship Fund is sufficient to sustain one scholarship only. We would like to ask corporate members to consider donating to fund a new Central Region Corporate Scholarship to support students and future professionals in our region. Please contact our treasurer if you are interested in making a donation.

Jerry Wagner USGS—MCMC MS 509 1400 Independence Rd Rolla MO 65401 jwagner@usgs.gov (573) 308-3764

