

A Publication of the Kentucky Association of Mapping Professionals

Visit us online at [www.kampro.org](http://www.kampro.org)



## Letter from the President

Dear Friends and Colleagues,

Stand tall! We will indeed be confronted with challenges and difficulties during this year. It is safe to assume that we will experience some growing pains, struggle with our collective identity, cogitate as to how we fit into the professional puzzle, and come to terms with the awesome responsibility we have, both individually and collectively, to enhance and nurture this professional haven and repository of spatial excellence we fondly refer to as KAMP. Moreover, we can and must accomplish this and more within the constraints of our existing careers and responsibilities, truly making our devotion and effort a labor of love. The tradition continues.

To be effective in our role as haven and repository for GIS professionals in Kentucky and beyond, we must continue to strive to find ways to make KAMP a meaningful and valuable commodity for our existing and future members. In this theme, we should be particularly mindful of a few very basic concepts, namely:

Where do GIS professionals in Kentucky go for information about our profession?

Where do GIS professionals in Kentucky go for advice on any number of subjects pertaining to GIS implementation and deployment?

Who in Kentucky is responsible for

keeping tabs on the latest developments in our profession, both technologic and in matters of professional development?

Who are the GIS professionals in Kentucky, and where are they located?

Where are the GIS jobs in Kentucky?

If we collectively answered "KAMP" to any or all of the above questions, then we have a great deal of work to do, building upon the strong framework provided to us by our visionary and dedicated predecessors. Additionally, the work associated with a "KAMP" response to each of the items noted

*(Continued on page 4)*

## CALENDAR OF EVENTS

### November 2006

- **11/15:** GIS Day  
Visit KAMP's web site for GIS Day celebrations across the Commonwealth.

For additional event information, visit [www.kampro.org](http://www.kampro.org). Do you have an event to list? Email it to [newsletter@kampro.org](mailto:newsletter@kampro.org).

## KAMP Board of Directors Elected

Elections for the KAMP Board of Directors was held on July 17, 2006 at the organization's regular meeting. During the 2006-07 physical year, Don Homan will lead KAMP as President. Elected to the of President-Elect was Michelle Ellington. Eric Ivanovich will serve as Treasurer and Stephen Berry will serve as Secretary. Lance Morris and Kenny Ratliff were each elected to fill the two Director positions. Earl Smith continues to hold a position on the board as Immediate-Past President.

Homan is a consultant for ESRI and has

been working in and around GIS since 1985. Ellington is a GIS analyst for the University of Kentucky's Physical Plant Division. Ivanovich is the GIS Coordinator for Quest Engineers. Berry is the GIS Coordinator for Clark County, Kentucky. Morris works with the Owensboro-Daviess County GIS Consortium and Ratliff is employed by the Kentucky Cabinet for Health and Family Services. Smith works for the Georgetown-Scott County Planning Commission.

## INSIDE THIS ISSUE:

2 KAMP Awards 2006

3 Today's Geographers



## 2006 KAMP Award Recipients

### Exemplary System:

BOONE COUNTY GIS is growing with the development in there county adding an average of 1800 parcels and 75 new roads per year to the digital base map. BCGIS has deployed custom standalone GIS applications to more than 500 individuals employed by the 28 BCGIS consortium members additionally they maintain 19 Internet Mapping Services. Boone County GIS is a true Enterprise GIS system and is among the Exemplary systems in Kentucky.

### Service to Mapping Community:

Ken Bates has been doing GIS for over 2 decades here in the Commonwealth. It is quite likely that he has single-handedly trained more people on the use of GIS Software and given more presentations on the topic than anyone else. His ability to convey the power of GIS and Mapping to any crowd is nearly unmatched and the ideas he's put forth have been the catalyst for many successful GIS efforts. Ken was the Manager of the Natural Resources and Environmental Protection Cabinet (NREPC), for many years. Ken can be credited with getting Kentucky's first set of GIS data on web, and taking GIS to the enterprise level within IT. Mr. Bates recently retired from State Government and is now a GIS Professor at Kentucky State University.

### Service to KAMP:

Christy Davis has been with KAMP since its inception. She served as the first Treasurer on the founding Executive Board and has served as the Publication Chair since inception. She is a strong player behind the scenes and has done many things that may never be seen that has helped KAMP grow, including launching KAMP's website and creating the Legend.

### GIS Services:

- ◆ Strategic Planning
- ◆ Database Design & Implementation
- ◆ Data Collection / GPS
- ◆ Mobile GIS Solutions
- ◆ Application Development
- ◆ Infrastructure Inventories
- ◆ DFIRM Production
- ◆ 3D Visualization
- ◆ Cartographic Services

## Customizing Solutions to Your GIS Needs

Quest Engineers, Inc.

# Quest

[www.questeng.com](http://www.questeng.com)

Lexington  
(859) 223-3755

Louisville  
(502) 584-4118

Cincinnati  
(513) 851-9774

For More Information Contact Eric Ivanovich, GIS Coordinator, [eivanovich@questeng.com](mailto:eivanovich@questeng.com)



## Today's Geographers: A Note from the Past President

Dear KAMP Members,

We are today's geographers. You might say we are today's explorers. Let me go further and be so bold as to compare us to the great geographers as Ptolemy, Mercator, Ritter, and Von Humboldt. I admit that some of you may read this and think I'm writing in hyperboles and stretching the significance of our jobs a little for a good KAMP letter. But I ask you not to cut yourself short. All of you are accomplishing great feats in the world of geography just as the great geographers did before us, finding new ideas, new methods, new ways to analyze patterns and relationships in our profession. We've added something new to geography and that is technology, but we are all still geographers. If you ask what geography means to someone outside the profession, don't they usually respond by saying something on the lines of, "geographers are those teachers who made me remember the United States' Capitals in sixth grade for a test score"? Well, not anymore.

The ancient worlds once disconnected and craving exploration, knew the true meaning of geography and they revered their geographers for their progressive thinking and connection of *all* sciences to place, and if you are reading this now, I consider you a modern day geographer – still to be

revered for your efforts. Now, in a world connected, where we can see what is happening concurrently in a far-away country on the nightly news broadcast, our citizens have lost the excitement of place and exploration. Some may even want to hide from it! Until now - when geography means so much more on a micro level respective to the world; our Commonwealth, our counties, cities, and our communities around us. These are the places we work and play.

We all have different goals and objectives at the end of the day, whether working for a client with intentions to provide clean water to low income housing, get our emergency responders to a citizen in need of help, update the local comprehensive plan, survey a piece of property, or to help with economic development in natural resources hundreds of feet below our own. The list goes on and on, but we are all geospatial professionals. Technology, through the aid of hardware and software have given us opportunities to use what the geographers before us had philosophized, and run with them. The people using it and the data we utilize may be more numerous than ever before today, but we are the same as our ancient teachers, knowing the spatial context for which our work is done. We are doing more in geography than any of the infamous geographers could imagine before us, and could

you just imagine what we could show and tell them if they were to visit the next KAMP meeting from beyond the grave?!

Members of KAMP, thank you for allowing me to lead your organization in 2005-2006. I hope that I served you well and furthered strengthened our bond as a geospatial professional association in the State of Kentucky. You are all to be revered for your hard work and dedication across this State. Keep up the good work and continue to take geography to the next level in all you do. Our forefathers would be immensely proud and full of awe.

Sincerely,

Earl W. Smith  
Past President  
KAMP

**Your project,  
our promise**

**GIS & DATA  
MANAGEMENT SERVICES:**  
 GIS Upgrades & Maintenance  
 Needs Assessment  
 Data Collection  
 Asset Management  
 Mapping  
 Internet Solutions  
 3D Visualization  
 Application Development  
 Geospatial Analysis

Middlesboro, KY  
 Greeneville & Knoxville, TN  
 Asheville & Charlotte, NC  
 Spartanburg, SC

(800) 388-6660  
[www.vaughnmelton.com](http://www.vaughnmelton.com)

**V&M**  
 Vaughn & Melton

**Vaughn & Melton Consulting Engineers**  
*Engineering . Architecture . Surveying*



## Letter from the President (Continued from Page 1)

above appears to be a daunting if not outright impossible task. However, take heart and remember that we toil in the company of greatness (spelled "each other"), and collectively do comprise the complete package. There is little that has been accomplished either nationally or internationally that has not been done right here in the good old Commonwealth. We have a reputation to showcase, maintain, and enhance. Being an integral part of the GIS landscape in Kentucky is a source of pride to all of us, even the native New Mexican, Missouri resident that is your current president! Thanks for the honor!

As a professional organization, it might behoove us to borrow some very basic ideas from our friends in the commercial sector regarding capturing and maintaining our KAMP member audience. We can sell KAMP to our friends, colleagues, bosses, and elected officials as we interact with them in the course of our professional lives. This frequently can be and is an effective strategy for enhancing our numbers and obtaining additional "market share." In my view, we should continue to do this at every available

opportunity. However, I would add that it is incumbent on us, each and every one of us, to work within the KAMP framework to design and maintain a professional structure that is **so valuable to existing and future members** that not belonging to KAMP is nothing short of crazy! Regardless of your political affiliation, size of GIS installation, or hardware/software platform (did I really say that?), KAMP should be the place where you go for essential information, advice, the latest and greatest "stuff," and professional fellowship. If we provide answers to the questions noted above, we won't have to recruit members, they'll instinctively know that to not be a member of KAMP is to deprive oneself of one the most important tools in this business, namely access to current, accurate, relevant information from a trustworthy source.

We, collectively, are that source. Are we up to the task?

On a personal note, I am delighted to have been elected to serve as your president during FY 06-07, and am looking forward to working (and, yes, that includes arguing) with the Execu-

tive Board and all KAMP members in the coming months. I am delighted with some of the new innovations (knock-your-socks-off website) and ideas (KAMP members vying to host KAMP meetings) we've seen recently, and am encouraged by enhanced interest from State Government and an increase in support from Commercial partners. We are indeed on the right track, and gaining momentum. This promises to be a wild ride!

Very truly yours,

Don H. Homan, Jr., AICP

Lexington, KY 859.422.3000	Louisville, KY 502.212.5000	Jeffersonville, IN 812.206.0100	Cincinnati, OH 513.842.8200	Columbus, OH 614.846.1400	St. Louis, MO 314.878.6800	Atlanta, GA 678.389.3700
-------------------------------	--------------------------------	------------------------------------	--------------------------------	------------------------------	-------------------------------	-----------------------------

**Looking for a Career?** FMSM is a leading engineering, consulting, and project management firm committed to excellence. We are proud of our clients, our work, and most importantly, our team. We believe that quality products can only be produced by quality people. Visit our website for current opportunities for new graduates and experienced GIS professionals.

**Fuller Mossbarger Scott & May**

**FMSM**  
ENGINEERS

We're not just a GIS and Information Systems service provider - we're also a client. At FMSM, we build GIS and information systems like we're building them for our engineers and planners to use. Contact us today for your:

- GIS Needs Analysis and Implementation Planning
- Data Collection and Conversion
- Custom Application Development
- Internet Map Services
- Web Portal Implementation
- Engineering Modeling and Analysis
- GIS Software and Systems Training

[www.fmsm.com](http://www.fmsm.com)



## KentuckySatellite (KySat) To Be Built and Launched

A coalition of Kentucky universities and organizations today announced the creation of

KentuckySat (KySat) a joint enterprise to design, build, launch and ground operate small satellites for education, research and economic innovation purposes. The primary mission of KySat is to train students in the dynamics of spacecraft design, construction, launch and operation and to support accompanying education and research applications.

KySat is a Pico class cube-shaped satellite with a mass of less than one kilogram. Once successfully in orbit KySat will be make available at no cost to Kentucky students, teachers schools, universities, etc. for educational and research uses, which include communications capability, temperature monitoring, current, voltage and science sensors and photography using an on-board camera.

The KySat partnership is comprised of Morehead State University, Murray State University, University of Kentucky, University of Louisville, Western Kentucky University, Kentucky Space Grant Consortium, Council on Postsecondary Education, Kentucky Science and Engineering Foundation and the Kentucky Science and Technology Corporation (KSTC), which is the managing partner.

Lead mission partners include Stanford Space and Systems Development Laboratory (SSDL), NASA Ames Research Center, KatySat ("Kids Aren't Too Young for Satellites") and California Polytechnic State University, which will serve as the launch integrator. Kentucky Virtual University is the virtual network partner maintaining remote communications among the partners.

"KySat represents the kind of bold and innovative initiative that Kentucky must pursue on a number of levels if it's going to be truly technologically, educationally and economically competitive in the global marketplace," said Kris Kimel, President of KSTC.

KySat emerged through the work of the KSTC's Advanced Concept Office created in 2004 at NASA Ames Research Center in Mountain View, CA.

The collaborations among the postsecondary institutions result from the Kentucky Council on Postsecondary Education's Strategy for Statewide Engineering Education. The multi-layered engineering strategy is designed to increase the number of engineers in the state to boost the state's economic competitiveness and to address regional issues of access and productivity in engineering education.


"KySat will be instrumental in expanding the engineering pipeline by creating exciting learning opportunities for students," explained CPE President Tom Layzell. KySat will help our institutions increase their capacity to recruit, educate and graduate additional engineers."

A design/build team of Kentucky undergraduate and graduate students, who are currently taking part in remote satellite design classes from NASA Ames, will spend the summer at NASA Ames working with Stanford graduate students and faculty, NASA Ames researchers, KatySat personnel and other spacecraft development professionals in the Silicon Valley Region on satellite design and construction.

By the end of the summer, the KySat engineering model will be completed with the actual flight model to be built in Kentucky during the fall of 2006. Plans now call for a launch of "KySat1" in mid-to-late 2007.

KySat will involve an ongoing series (every 12-18 months) of satellite design, build, and launch projects.

A copy of the full KySat information (ConOps) document is available at <http://www.kstc.com>.



**For More Information, Contact:**  
 Rebecca Starr + Marketing Coordinator  
 2670 Wilhite Drive + Lexington, Kentucky 40503  
 859-277-8700 + [rstarr@photoscience.com](mailto:rstarr@photoscience.com)

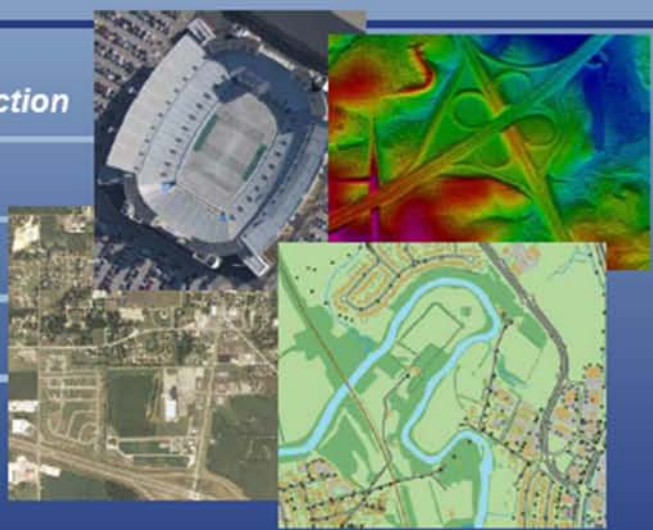
*Aerial Imaging & Data Collection*

*Photogrammetric Mapping*

*GIS*

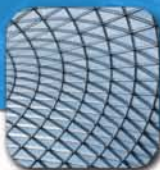
*Remote Sensing*

*Surveys*



KENTUCKY + COLORADO + FLORIDA + GEORGIA + MAINE + MARYLAND + PENNSYLVANIA

[WWW.PHOTOSCIENCE.COM](http://WWW.PHOTOSCIENCE.COM)



www.advsolinc.com  
1-877-GETASI-1

Since 1987, Advanced Solutions, Inc. has focused its business model on delivering and supporting Autodesk software solutions. As a full service authorized reseller, ASI offers software sales, training, implementation, customization and local support to ensure a successful investment with the Autodesk products. Advanced Solutions has developed a rich understanding and capability on how to deliver solutions that meet customer needs.

We are authorized to support Manufacturing, Building, Infrastructure, Media & Entertainment. We specialize in the Federal, and Local Government Solutions.

Visit [www.advsolinc.com/kampjsp](http://www.advsolinc.com/kampjsp) for a free quote

KAMP Member Special: Join our CAD Club and get Unlimited Training and Phone Support for 1 full year just \$195.\*

Visit [www.advsolinc.com](http://www.advsolinc.com) for available classes and facility schedule

\* Price per user for scheduled classes only

Contact Paul Resch for more info.

email: [presch@advsolinc.com](mailto:presch@advsolinc.com) or call 1-877-GET-ASI-1 Ext. 1103

## Beyond the Box...

Advanced Solutions provides a wide array of software engineering services:

- CAD/CAM Automation
- Autodesk AutoCAD Plug-ins
- Design Verification
- Simulation
- Facility Location Analysis
- Facility Layout Design
- Material Flow Analysis
- Computer Simulation modeling
- Supply Chain Analysis & Optimization
- Quality Control Systems Design
- Process Simplification/ Re-engineering
- Warehouse Management Systems Specifications
- Automated Material Handling Systems design
- Inventory Control Design
- Ergonomics Program
- Product Slotting and Profiling
- CADD and 3D Rendering Services
- Bid Management

Custom software - If you have a problem that can be solved with software, let us know. Our team of experienced developers can build nearly any type of application or utility including: plug-ins, file-format converters, filters, importers, exporters, database, forms, web applets, client/server, and more. If you are dreaming of the perfect software application, let us turn it into reality.

**Autodesk**  
Authorized Value Added Reseller

**Advanced**  
SOLUTIONS  
Since 1987

Louisville, KY Lexington, KY Elizabethtown, KY Cincinnati, OH Columbus, OH Fort Wayne, IN Evansville, IN

## The Legend

Would you like to contribute to *The Legend*? The KAMP newsletter is published up to four times per year and reaches current and prospective members in print and online.

How you can contribute:

- Submit an article for publication
- Submit information on events or newsworthy items
- Become a corporate member and receive advertising space

For additional information, comments, or to submit an article you can email *The Legend* at [newsletter@kampro.org](mailto:newsletter@kampro.org).

You may also contact KAMP at  
PO Box 1411  
Frankfort, KY 40602-1411



[www.aerocon.com](http://www.aerocon.com)

## *Comprehensive GIS Consulting*

Aerial Imaging and Digital Orthophotography  
Parcel, Utilities, and Natural Resource Mapping  
Road Centerline and Addressing Services  
Web-based GIS and Application Development  
On-line Data Maintenance Services



**JAMES W. SEWALL COMPANY**  
ESTABLISHED 1880

Formerly *Park Aerial Surveys* of Louisville, Kentucky  
502 491 4849 502 491 9761 (fax) [info@jws.com](mailto:info@jws.com) [www.jws.com](http://www.jws.com)



Kentucky Association of Mapping Professionals  
PO Box 1411  
Frankfort, KY 40602-1411

[www.kampro.org](http://www.kampro.org)

