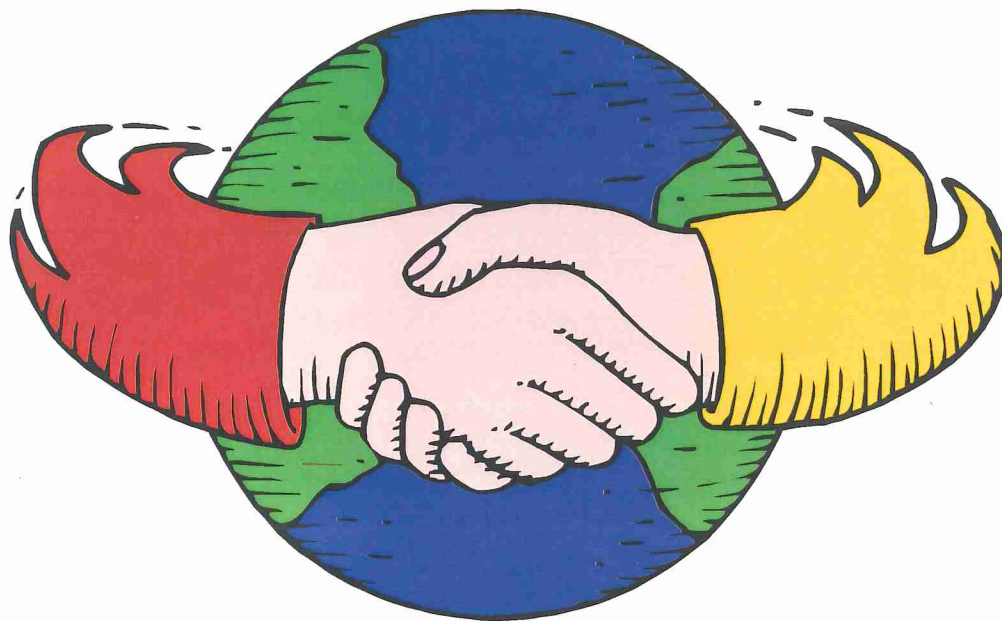


EIGHTEENTH ANNUAL KAM CONFERENCE



COOPERATIVE SHARING



KANSAS ASSOCIATION OF MAPPERS

SEPTEMBER 29 - OCTOBER 2, 2003
WICHITA MARRIOTT, WICHITA, KANSAS

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KAM CONFERENCE WELCOME

Welcome to the 18th Annual Kansas Association of Mappers Conference! Cooperative Sharing is the theme for our conference this year. There are cities, counties and state agencies in Kansas who are saving time and money through cooperation and sharing. While we all realize there is value in eliminating redundancy, perhaps we don't fully understand all the benefits and how to go about developing relationships for **EFFECTIVE** cooperation.

We are privileged to have Tony Spicci from the Missouri Department of Conservation as our keynote speaker this year. Tony has been the GIS Program Coordinator for MDC since the program's inception and has served four terms as the Chair of the Missouri GIS Advisory Committee. He has also been an active member of the National States Geographic Information Council since 1996. Tony will keep us all entertained as well as informed about GIS activities around the nation and why they are important to local governments.

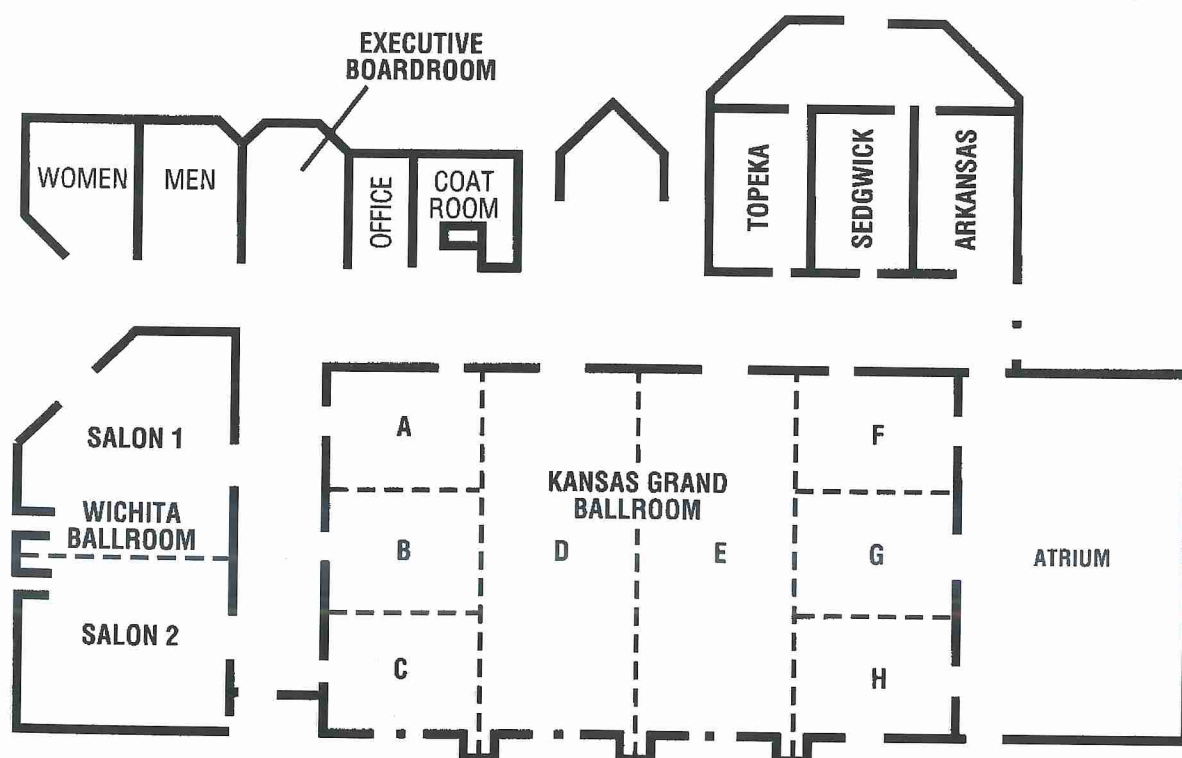
On Tuesday afternoon KAM is fortunate to have Bob Halloran, City Manager, and Mark Dinkel, GIS Coordinator with Garden City/Finney County, sharing the secrets and successes that have won the Garden City Cooperative rave reviews and national recognition. Also on Thursday morning a panel of several city and county KAM members will "share" their accomplishments in working together. Come hear what they have to say and feel free to "share" your experiences in working together too!

Enjoy the conference, meet each other, learn from each other and take advantage of the many educational break-out sessions being offered. And don't forget to wear your favorite sport's team apparel for tailgating with the vendors on Tuesday night.

I look forward to spending the next several days with you, my friends at KAM.

Melissa Newton-Blume
President

WICHITA MARRIOTT CONFERENCE CENTER



ANNOUNCEMENTS

THANK YOU

We would like to acknowledge and thank the 2003 KAM Program Committee. Members on the committee are: Eileen Battles, Don Cleveland, Steve Daw, Jeff Durand, Deanna Hermreck, Randy Mayden, Chris Morlan, Barbara Scott, and Kyle Tjelmeland. This committee was solely responsible for the planning of the annual conference. We met on a monthly basis and each and every member was more than willing to step forward and "get the job done." "Thank you" to a dedicated committee.

We would also like to thank Tresa Myler, KAM Administrative Assistant. No job is too large or too small for Tresa to accomplish. She has been a positive addition for KAM. If you haven't met her, stop by the registration desk and introduce yourself.

Ellen and Rod Odom
2003 Program Committee Co-Chairs

MAP GALLERY

Please take time to stop by the Map Gallery and see your fellow KAM member's projects. The Map Gallery is located in the main hallway near the breakout session rooms.

TAILGATING WITH THE VENDORS

"Tailgating with the Vendors" is the theme for this year's Exhibitor Reception. Please remember to show support for your favorite team, whether it's collegiate or professional, by wearing apparel with team logo to the "tailgate party." Sports-related door prizes will be given away throughout the evening. To be eligible for a door prize, attendees must complete a questionnaire pertaining to information about the vendors. Questionnaires and instructions for completion will be distributed as attendees enter the Exhibit Hall. Games will be played, food and drink will be provided and drawings will be held for some really great door prizes ranging from KU basketball tickets to a digital camera. Make plans to come early and stay late! Please take time during the conference to visit with and show support to the vendors. The exhibitors play a vital role in the success of the KAM conference.

5:30 PM-Exhibit Hall opens

KAM will provide beer and soda

Cash bar will be available

6:00 PM-Appetizer buffet will be served

7:30 PM-Drawings for door prizes

CONTINUING EDUCATION

Continuing Education points will be available for participants attending the various educational sessions. A sign-up sheet will be provided in each session room. Please complete the required information for each session that you attend if you wish to acquire continuing education points. **Printed certificates will not be distributed this year.** All sessions at the conference will count for KM and PKM re-certification points. The KAM administrative assistant will track the points in a database. Please report any prior continuing education points to the KAM Administrative Assistant if you wish to have the points tracked in the database. Contact Tresa Myler at KAMadmin@earthlink.net if you have questions or require confirmation of your continuing education points.

EIGHTEENTH ANNUAL KAM CONFERENCE SCHEDULE

Wednesday, October 1, 2003

8:00 a.m.	Continental breakfast <ul style="list-style-type: none"> • Muffins • Danish • Croissants • Fruit • Tea, Juice & Coffee 	
9:00 a.m. - 9:45 a.m.	Concurrent Sessions <ul style="list-style-type: none"> Railroad Abandonment Geodatabases Tornadic Storms: Using GIS & Imagery GASB 34 	<u>Sedgwick Room</u> Salon 1 Salons A-C Salon D Atrium
9:45 a.m. - 10:15 a.m.	Break with Exhibitors	
10:15 a.m. - 11:00 a.m.	Concurrent Sessions <ul style="list-style-type: none"> Title and Legal Issues Change Detection with Aerial Imagery Kansas Geospatial Community Commons Your Maps 	<u>Sedgwick Room</u> Salon 1 Salons A-C Salon D
11:15 a.m. - 12:00 p.m.	Concurrent Sessions <ul style="list-style-type: none"> Kansas Open Records Act Photo Interpretation Skills Web-based Mapping Addressing—Part I 	Sedgwick Room <u>Salon 1</u> Salons A-C Salon D
12:00 p.m. - 1:00 p.m.	Lunch with the Exhibitors <ul style="list-style-type: none"> • Voting for Executive Board 	The Atrium
1:15 p.m.-2:00 p.m.	Concurrent Sessions <ul style="list-style-type: none"> Title and Legal Issues Data Access Support Center IMS Initiative Storm Tracking/GPS Debris Field Addressing—Part II 	Sedgwick Room Salon 1 <u>Salons A-C</u> Salon D
2:15 p.m.-3:00 p.m.	Concurrent Sessions <ul style="list-style-type: none"> Kansas Open Records Act NSDI and State Perspectives GASB 34 Addressing—Part III 	<u>Sedgwick Room</u> Salon 1 Salons A-C Salon D
3:00 p.m. - 3:30 p.m.	Break	
3:30 p.m. - 4:15 p.m.	RFP Photogrammetry/GIS Panel Discussion Don Cleveland, Scott Perkins, James Jones, 01 Brenda, mark Dinkle, Linda Sibert, Jeff Culbertson City of Wichita, garden city, Finney Co., Shawnee, Leavenworth	Salon D moderator Randy Mayden

Brenda Martin

Bruce Handesline

olaughlin

R+S Digital

m.j. Handen

western air

Imagery America

EIGHTEENTH ANNUAL KAM CONFERENCE SCHEDULE

Thursday, October 2, 2003

8:00 a.m.	Coffee, Tea & Juice	
9:00 a.m.-10:00 a.m.	City/County/State Panel Discussion "Cooperative Sharing"	Salon D
10:15 a.m. - 11:30 a.m.	Breakfast	Salons E-H

Annual Business Meeting Resumes

- Closing Business Session
- Grand Prize Drawing

Ed Crane
~~Ed Crane~~ Moderator

John Cowan - Riley Co

Linda Sibert - Sh. Co

Ivan Weichert - ~~St~~ of KS
Chairman of Zoning & Planning
City of Topeka City of

Dan Oldhoeft Manhattan

Peter Thum Geospatial Analytic Inc.

Mark Dinkel - Finney Co
Garden City

Becky Samuelson City of Emp

SESSION DESCRIPTIONS

ADDRESSING SYSTEMS

Ed Crane, Environmental Research Systems Institute, Inc.

Stacey Priest, Environmental Research Systems Institute, Inc.

This three-part addressing workshop will feature:

1. Understanding address and centerline databases
2. Database formats, commercial options and appropriate usage
3. Case studies

CHANGE DETECTION WITH TRADITIONAL AERIAL IMAGERY

Mike Flynn, MJ Harden Associates, Inc.

This presentation will focus on a software-based approach to automatically categorize imagery and detect change. Areas of discussion will be: data types best suited for change detection, imagery enhancement and categorization, feature extraction from imagery and detecting amount and type of change over time.

CITY/COUNTY/STATE PANEL DISCUSSION

Moderated by Ed Crane, Environmental Research Systems Institute, Inc.

Panelists:

Dennis Albers, Douglas County

John Cowan, Riley County

Mark Dinkel, Finney County

Bob Halloran, City of Garden City

Bryce Hirschman, City of Lawrence

Dan Oldehoeft, City of Manhattan

Linda Sibert, Shawnee County

Ivan Weichert, State of Kansas

DATA ACCESS SUPPORT CENTER (DASC) IMS SERVICE INITIATIVE

Kenneth Nelson, DASC

Internet map service technology allows an organization to quickly publish geographic content in an interactive format on the web. Over the past year DASC has developed several web-based interactive mapping applications for state and local government. Attend this session to see a demonstration of real-world applications and to learn how your organization can take advantage of this technology.

FEMA MAP MODERNIZATION PLAN

Bob Franke, FEMA

The Federal Emergency Management Agency (FEMA) developed a Map Modernization plan to upgrade the 100,000 panel flood map inventory by: developing up-to-date flood hazard data for all floodprone areas nationwide to support sound floodplain management and prudent flood insurance decisions, providing the maps and data in digital format to improve the efficiency and precision with which mapping program customers can use this information. FEMA is also fully integrating community and state partners into the mapping process to build on local knowledge and efforts, improving processes to make it faster to create and update the maps and improving customer services to speed processing of flood map orders and raise public awareness of flood hazards. This presentation will provide an overview of the plan and provide the current status of FEMA's efforts. Emphasis will be given to developing partnerships with state and local entities.

FINNEY COUNTY/GARDEN CITY: LOCAL GOVERNMENT SHARING DATA

Bob Halloran, City of Garden City

Mark Dinkel, Finney County

Finney County and the City of Garden City formed a joint GIS Department in 1999. This department is funded 50% by each entity. This session will discuss the process this community went through to form the department and demonstrate the benefits of local governments sharing data.

GASB-34

Steve Daw, Shafer, Kline & Warren, Inc.

GEODATABASE: SETTING THREE COUNTIES STANDARDS

Trisha W. Brush, PlaNet GIS, Northern Kentucky Area Planning Commission

J. Kyle Snyder, PlaNet GIS, Northern Kentucky Area Planning Commission

This presentation will supply background on Geodatabase, what its capabilities are, and how to decide if it is right for your agency. Geodatabase is how ESRI stores data utilizing a relational database. Geodatabases can increase speed, flexibility and help maximize workflow. As part of our standardization and migration process we are working across political jurisdictions to unify data throughout three county boundaries of Northern Kentucky (Boone, Campbell and Kenton). This will allow seamless use of our GIS data by partners, subscribers and customers in the three county area.

GPS FIELD DATA COLLECTION: TO THE FIELD WITH GIS

Doug Morrison, MJ Harden Associates, Inc.

Steve Thompson, Kansas Wesleyan University

The purpose of the presentation will be to attempt to answer some of the common questions about GPS and GPS field data collection, and will include the following discussion items:

- Types of GPS (personal navigation, GIS/Mapping grade, and Survey grade)
- Methods of GPS data collection and processing (static or dynamic, autonomous, post-processed differential correction, real-time differential correction (via land-based correction system or satellite correction), and Real-Time Kinematic (RTK))
- Approximate costs and accuracies of each
- What is CE/PPC/HPC/CE.NET ?
- How to choose the right collection software
- What data should I collect?
- Issues that are common to field data collection projects
- Is there a need for defining a workflow?
- Examples of some common workflows such as work order management, etc.
- What type of ROI can I expect?

KANSAS GEOSPATIAL COMMUNITY COMMONS

Eileen Battles, Data Access Support Center

Under the direction of the Kansas GIS Policy Board, Data Access Support Center (DASC) will construct a new addition to the DASC web site called the "Kansas GeoSpatial Community Commons." As part of this initiative, DASC will provide a variety of services to state and local government including metadata hosting, data archival, database distribution, and Internet map services. Attend this session to find out how your organization can participate!

KANSAS OPEN RECORDS ACT: TIPS AND TRAPS WITH LAND RECORDS

Cynthia Dunham, Johnson County

Kansas' public policy is that all public records are open "unless otherwise provided." The Kansas Open Records Act (KORA) sets forth the procedures for requesting, inspecting, and copying public records. After reviewing these procedures, we will focus on land records, including specific statutory limitations on accessing records, current issues, and tips for complying with KORA.

MAPPING DATA: ACCESSING FREE AND LOW COST MAPPING DATA (TWO PART SESSION)

Chuck Mies, CADVisions

Shawnita Sterett, Autodesk

During this session, we will explore the digital equivalent of a USGS 7.5' Quad Map. Many private and government entities now provide in excess of 7 terabytes of data on the Internet in the form of metadata and imagery. We will discuss where this data can be obtained, how it can be imported, and most importantly how you can leverage it in your everyday business.

NATIONAL SPATIAL DATA INFRASTRUCTURE & STATE PERSPECTIVES ON FEDERAL GIS INITIATIVES

Rick Miller, Kansas Information Technology Office

Ingrid M. Landgraf, U.S. Geological Survey

This presentation will provide a high level overview of various federal government GIS initiatives and how Kansas state, county, and municipal governments might organize to collaborate and partner in these initiatives. The talk will focus primarily on the National Spatial Data Infrastructure (NSDI), the Geospatial One Stop (GOS), and the USGS's The National Map (TNM) program. The presentation will conclude with a proposed model of how members of the Kansas GIS community can coordinate the inclusion of state and local government geospatial data in these federal initiatives.

PHOTO INTERPRETATION SKILLS

Cody Buhrmeister, Western Air Maps, Inc.

Scott Perkins, Western Air Maps, Inc.

This presentation is broad-based and suitable for those new to using aerial imagery and those experienced as well. The presentation covers the following topics: basics of aerial imagery, the seven classical recognition elements for photo interpretation and new trends in image recognition software. Using both aerial and satellite imagery you will have an opportunity to test your photo interpretation skills and review a wide variety of imagery.

PHOTOGRAMMETRY RFP/GIS PANEL DISCUSSION

Moderator - Randy Mayden, MJ Harden Associates, Inc.

RAILROAD ABANDONMENT

Thad Fowler, Kansas Department of Transportation

This session will provide an historical overview of railroad abandonment in Kansas. Topics for discussion will be: Kansas State highway's system influence on route selections, railroad procedures and ramifications of abandonment. Numerous Kansas court decisions will also be reviewed.

STORM TRACKING

Gilbert Castro, Wyandotte County Base Mapping

Jeff Culbertson, Leavenworth County GIS

This session deals with the response and recovery effort in Wyandotte County resulting from the 2003 tornado. GIS maps were produced to show statistics of number of homes damaged and total dollars involved.

TITLE & LEGAL ISSUES

Robert Collins, Collins & Collins

Mr. Collins will discuss ways to own and transfer real estate in Kansas. He will then speak about problems associated with the ownership of real estate in Kansas and ways to handle these issues.

TORNADIC STORMS: USING GIS AND GEO SPATIAL IMAGERY

Cody Buhrmeister, Western Air Maps, Inc.

Scott Perkins, Western Air Maps, Inc.

This is a two-part presentation demonstrating the use and functionality of GIS.

Part 1: Using ArcView to identify the number of residents in the county who will not hear tornado warning sirens.

- Identifying Data Sources and Data Gathering
- Commands: buffer, clip, union, join, dissolve, calculate and statistics commands

This presentation was created in July of 2000 after a tornado struck Tonganoxie, Kansas.

Part 2: Using ArcScene to dynamically view tornado damage with digital orthophotos.

- Brief discussion on techniques used to rapidly build digital orthophotos & 3-D terrain model
- Creation of the 3-D view with ArcScene

- Pitfalls and highlights of viewing tornado damage with ArcScene

This presentation was created in May of 2003 after a tornado struck Wyandotte County, Kansas and Liberty, Missouri.

WEB-BASED MAPPING

Amber Shultz, DASC

Using Internet technologies to develop and deploy GIS applications is one of the hottest trends in the business. This session will review GIS/Internet software packages, touch on the technical aspects of Internet development, and how to implement this type of technology into your organization. Learn how this technology can save you time and money and help push your organization to the top of the list!

YOUR MAPS

Les Cowdrey, CADVisions

This session will focus on your map's data and accuracy and how they affect everything from Homeland Security to driving around the block.

BIOGRAPHIES

KEYNOTE SPEAKER



Tony Spicci was born and raised in Upstate New York. He attended SUNY - Geneseo, earning a B.A. in Geography. After that, he went on to Columbia, Missouri to earn an M.A. in Geography from the University of Missouri. Tony recently went back to school and is working his way through a doctoral program in Forestry. His first exposure to GIS was in 1989 when he helped design a GIS for regulatory permit compliance with the New York Department of Environmental Conservation. He began his professional career in 1992 with the Missouri Department of Conservation where he implemented the Department's GIS program. Tony has maintained the role of GIS Coordinator the entire length of MDC's GIS program and was recently promoted to Policy Supervisor. Tony is currently serving as the Chair of the Missouri GIS Advisory Committee, a position that he held for four terms. Tony is also serving as the Symposium Chair for the MidAmerica GIS Consortium's 2004 Symposium. He has been an active member of the National States Geographic Information Council (NSGIC) since 1996 and was elected to the Board of Directors in 2002. Tony is a Lieutenant on the Boone County Fire Protection District and a Technical Information Officer for Missouri Task Force 1. On September 11, he was deployed along with Missouri Task Force 1 to New York City where the Task Force worked 11 days searching for victims. He lives in Columbia with his wife Aimee and daughter Sophie. On Saturdays in the fall, Tony can be seen driving Truman the Tiger around on his taxi (a restored 1954 White fire engine) at MU football games.

SESSION SPEAKERS

Eileen R. Battles joined the DASC team in November 1995. She graduated from the University of Kansas in May 1993 with Bachelor of Arts degrees in Geography and Environmental Studies. After graduating she was employed by a national public busing company as a GIS Analyst. In this position, Eileen assisted in the creation and enhancement of a computer assisted routing package using MapInfo software. This package was installed at school bus contract locations across the country. Eileen brings real world GIS, client support, and product enhancement experience to DASC. Her primary duties at DASC include processing custom database requests, SDE development, and client support.

Trisha Brush is the Director of GIS Administration for the Northern Kentucky Area Planning Commission (NKAPC). Trisha has eight years of experience in GIS and five years in management. Trisha previously worked for Miami County, Kansas where she was their GIS Coordinator for five years and built their GIS from the ground up. She has a bachelor's degree from the University of Cincinnati in Geography, and a Master's in Business Administration (MBA) from Baker University in Kansas. Trisha is a member of KAM, URISA, and she also is President of the Kentucky Association of Mapping Professionals (KAMP).

Cody Buhrmeister began his career in the GIS and Mapping world, upon graduating from Northwest Missouri State University, in Maryville, Missouri with a degree in Geography, at Jackson County, Missouri. Working with Intergraph's MGE (Modular GIS Environment) platform, Cody populated the database with parcel information, digitized, edited and worked with aerial imagery as part of the County's developing GIS. Cody joined Western Air Maps as a stereo compiler; his knowledge of Intergraph products and aerial photography interpretation skills made the transition from GIS to photogrammetry a smooth one. During the time as a compiler Cody's task was to collect planimetric and topographic data stereoscopically on projects ranging from simple forty acre contour jobs to City/County GIS base map production, all the time gaining more knowledge in Microstation, AutoCAD, and other mapping software. Cody later made the transition to Client Consultant for Western Air Maps and Cody is tasked with furthering relationships with existing clients, and establishing them with future clients, and educating when ever possible. Cody has presented at a variety of conferences and events throughout the Midwest, NACO, ILGISA, MAGIC, IDEA, KAM, MMA, IACO, and others.

Gilbert Castro is the Administrator for the Base Mapping/GIS department of the Unified Government of Wyandotte

County/Kansas City, Kansas. Gil has been in this position for six years since the consolidation of city-county governments. Prior to that he held a similar position with Wyandotte County after first serving as the county's planning and zoning administrator. Altogether, he has been a public official for nearly thirty-three years, all in the mapping field. Gil's department is responsible for maintaining the county's parcel mapping database files, centerline files and many other geographic and spatial data files. In addition, the department provides mapping support and assistance to the organization and public at-large. Gil was a charter member of KAM, attained the KM Designation and has supported the organization for many years. He attended Donnelly College and Kansas City Kansas Community College, as well as participated in many GIS classes, workshops, seminars and conferences. Gil has been active in many civic, community and political organizations for which he has received many awards. Gil is a Navy Vietnam veteran, married with two grown children and four grandchildren.

Robert M. Collins is a native of Wichita, Kansas and a graduate of East High School. He received his BA Degree from St. Thomas College in Minnesota, LL.B. Degree from the University of Kansas and was admitted to the Kansas Bar in 1962. He joined the firm of Collins, Hughes, Martin, Pringle & Shell in 1962 and later he joined with his father, George B. Collins in forming the firm of Collins & Collins. At the death of his father in 1978 he became a sole practitioner d/b/a Collins & Collins. Mr. Collins is a member of the Wichita Bar Association, Kansas Bar Association and American Bar Association. He also serves as an Adjunct Professor at Wichita State University.

Leslie E. Cowdrey USAF MSGT Retired 1993; Twenty-one years Command and Control / Emergency Actions; Seven Years on SAC Airborne Command post / Post Attack Command and Control System. Background in Civil Engineering from New Mexico State University. Five years in CAD/Mapping industry with CADVisions Inc., as GIS / GSA Vertical Account Manager responsible for mapping, imagery, and graphics applications.

Ed Crane started in Wyandotte County in 1973 where he was the chairman of an interdepartmental coordinating committee that designed and instituted automation of Land Data System (LANDS) and other automation technologies to support such tasks as reappraisal, election systems, and Enterprise GIS for the county. In 1989, he was asked by M. J. Harden to lead their efforts at supplying digital mapping and GIS databases to clients. Over his nine years leading the GIS Division, Ed supported progressive database development projects in over forty counties and cities throughout the Midwest. In 1998, Ed was asked to open a Kansas City office for Environmental Systems Research Institute (ESRI) to better support the rapid growth migration to Enterprise GIS in the immediate region. Currently, he is a Senior GIS Consultant supporting projects in Kansas and Arkansas. Ed has been a member of IAAO since 1986, is an active member of URISA and a Charter Member of both KAM and MidAmerica GIS Consortium (MAGIC).

Jeff Culbertson started working for the Leavenworth County Public Works Department, Planning and Zoning, and Appraiser's Office seventeen years ago. He is currently the GIS Director for the county. Leavenworth County has approximately 28,000 parcels and as part of the KC Metro area, is one of the fastest growing counties in Kansas. He has attended Highland College, KCKCC, and the University of Oklahoma. He has been a member of KAM since its inception. In his spare time, he has a real estate business, an auto body shop, a pilot's license, operates a farm, races on the novice ATV circuit, a paintball field, a motocross track, cutting horses, is a professional musician, father of three, and remodels homes.

Mark Dinkel is the Director of the Finney County/Garden City GIS Department. This is a department jointly funded and operated by Finney County and the City of Garden City. In July of 2002, ESRI awarded this department a Special Achievement in GIS, an award given to only 150 sites worldwide. In 2003, ESRI - St. Louis named this department a reference site for Land Records Management, an agreement made with twelve sites in eight states. Mark has been the director of this department since its inception in March of 1999. Mark is a member of the Kansas GIS Policy Board, the Kansas Association of Mappers, and the Geospatial Information and Technology Association.

Cynthia Dunham has served as an Assistant County Counselor for Johnson County, Kansas since 1997. Prior to working for Johnson County, she was in private practice for over six years and served as research attorney for the Honorable Gary W. Rulon, Chief Judge of the Kansas Court of Appeals. She received her B.A., with highest distinction and departmental honors in Geography, from the University of Kansas in 1984 and her J.D. from the University of Illinois in 1987 (while working her way through law school on a very early GIS). As an assistant county counselor, Cindy focuses on a wide variety of municipal law issues, including GIS-related issues, and regularly addresses open records issues arising in public agencies.

Mike Flynn has been with M.J. Harden Associates, Inc. for the past four years. His background is in GIS and has

over 10 years of experience in the mapping industry. He is responsible for managing the stereo compilation, ortho rectification and GIS production for the Photogrammetry department at M.J. Harden.

Thad T. Fowler is a professional land surveyor licensed to practice in the state of Kansas. He began his land-surveying career in 1974 and has worked in both government and private sectors. He obtained his license to practice in the state of Kansas in 1984 and in the state of Missouri in 1987. He now practices exclusively in the state of Kansas. Mr. Fowler was sole-proprietor of a surveying firm and has both built and managed survey departments for several consultant firms in the northeast Kansas area. The Kansas Department of Transportation currently employs him in its Bureau of Right of Way as the coordinator for the Engineering Section. Mr. Fowler is a member of the Board of Directors for the Kansas Society of Land Surveyors and serves on the legislative and education committees for that organization. He is currently president of the Northeast Chapter of the KSLS and a member of the Advisory Council for the Civil Technology curriculum at Kaw Area Technical School in Topeka, Kansas. Mr. Fowler has served at the pleasure of the Kansas State Board of Technical Professions on a committee to author examination questions for the Land Surveyor Examination. At the conclusion of 2001, Mr. Fowler was selected as Surveyor of the Year by his peers in the membership of the Northeast Chapter of the Kansas Society of Land Surveyors.

Bob Franke joined the FEMA - Region VII staff in 1987. He is currently an engineer in the Federal Insurance & Mitigation Division where his primary functions include flood hazard mapping for the National Flood Insurance Program [NFIP], and building science issues such as tornado shelters. Before his Mitigation assignment, he worked in various State and Local Preparedness programs. An Ohio native, Mr. Franke attended the University of Cincinnati where he earned a B.S. in Construction Management.

Robert M. Halloran has been the City Manager of Garden City, Kansas since 1987 and has been with the city since 1974. Robert graduated from the University of Colorado-Boulder with a B.A. in Business and an M.A. in Public Administration. Robert serves on the International City Managers Association Assistants Steering Committee, Conference Planning Committee and Sister Cities International Exchange Program. Robert has earned several awards and recognition, regionally and nationally, for his hard work and dedication to Garden City.

Ingrid Landgraf leads the newly established Kansas Mapping Partnership Office (MPO), co-located with the USGS Water Resources Office in Lawrence, but managed from the Mid-Continent Mapping Center in Rolla, Missouri. Ingrid comes from the Rocky Mountain Mapping Center in Denver, where she worked as a cartographer for seventeen years. She is also a graduate of the University of Kansas in geography and environmental studies.

Chuck Mies graduated from K-State in 1985 with a degree in Architecture (interior specialty) and a Computer Science minor. Serving as a CAD Manager and Manager of CAD services for a Wichita-based firm, he found that the lure of the technology was something he was interested in pursuing more. He left architectural practice in January of 1992 and entered the field of Computer Aided Design. Since that time, Chuck has been involved full time in the sales, support, installation and training of CAD Systems. He recently joined the staff of CADVisions, a Dallas-based company to grow them northward from their roots. This partnership has proved successful, as CADVisions has since opened offices in Wichita and Tulsa. Chuck has served on three Autodesk reseller advisory councils, serving as chairman for one.

Rick Miller serves as the Kansas Chief Information Technology Architect and as Director of the Kansas Information Technology Office. These duties encompass coordination of enterprise information technology activities, including strategic planning, policy and architecture development and maintenance, and serving as the Secretary to the Information Technology Executive Council. Rick also fills the role of Director of the Kansas Geographic Information Systems (GIS) Initiative. His previous experience in Kansas government includes that of GIS Coordinator and Chief, Systems Management Section for Kansas Department of Health and Environment, and as State GIS Coordinator with the Kansas Water Office prior to joining the Kansas Information Technology Office in 1999. Prior to joining Kansas government, Rick worked for the United States Census Bureau. Rick represents the GIS community on the state's Information Technology Advisory Board, is Past-President of the National States Geographic Information Council (NSGIC), and has served as Consortium and Symposium Chair for the MidAmerica Geographic Information Consortium (MAGIC). He holds a B.S. in Education and M.A. in Geography, both from the University of Kansas.

Doug Morrison graduated from Northwest Missouri State University with a Bachelor of Science Degree in Geogra-

phy with an emphasis in GIS. Doug started his career with M.J. Harden Associates, Inc. in Kansas City in 1993, working on the KCMO GIS project. His role at that time was working with the Information Technologies group with database architecture and implementing GIS methodologies in the project to streamline production efforts. In 1995, Doug assumed the role as Information Systems Manager. In 1998, Doug joined Sprint Corporation as a lead technology analyst in the financial organization. From this, Doug began his development career and managed six developers responsible for migration of code from legacy mainframe systems to a new Windows-based environment. Doug was also selected to lead the Y2K efforts for the financial division on the corporate side of Sprint. At the conclusion of this effort, Doug left Sprint and returned to M.J. Harden to lead the Software Application department. In 1999, Doug was promoted to Director of Software Development at M.J. Harden.

Kenneth A. Nelson is the Kansas Geological Survey's GIS Coordinator and DASC Manager. Ken has been with KGS since May 1995. He graduated from the University of Kansas with Bachelor of Arts degrees in Geography and Environmental Studies in 1993. Ken has worked at GRAIL (Geographic Research Applications and Information Lab), City of Overland Park Planning Department, and Computer Data Systems, Inc., a GIS contractor at the EPA Region 7 office. Ken's responsibilities at KGS include the daily supervision operation of the KGS GIS Services Section and DASC including database archival and distribution, implementation of enterprise GIS technologies, and grant and contract management.

Scott Perkins began his career in the surveying and mapping profession in 1980, after graduating from Ferris State University, in Big Rapids, Michigan with a degree in Photogrammetric Mapping Technology. Scott worked as a stereo map compiler producing topographic mapping the old fashioned way, using analog equipment, light tables and drafting tools. Those early years also included time in the field on the survey crew and in the dark rooms of the photo lab. As technology evolved and map production migrated off the light table and into the digital world, Scott's responsibilities changed. Tasked with creating a strategy for modernizing map production capabilities he created the company's CAD department and later the GIS services department. In 2000, Scott completed his Business Management degree at Baker University. Present responsibilities include business development for Commercial and Federal customers. In 2003, Scott was elected as Vice President of the American Society of Photogrammetry & Remote Sensing, Central Region. It is a love of aerial photography and maps that has contributed to his success and twenty year longevity at Western Air Maps.

Stacey Priest obtained a Geography degree from Northwest Missouri State, and then began her career in GIS with the St. Charles County Assessor's Office. She spent two years with the GIS department as a GIS Technician and interim manager. She has been with ESRI for three and a half years now, the first two of which were spent as the Systems Administrator for the St. Louis regional office. Upon relocation to Kansas City in 2002, Stacey was given the role of Technical Sales Support for the Kansas City Satellite Office. She has spent her time in Kansas City providing ArcGIS Desktop support and training.

Amber Shultz is a GIS Specialist with the State of Kansas Data Access and Support Center (DASC) at the Kansas Geological Survey at the University of Kansas. Amber's expertise is web application development utilizing ArcIMS and ColdFusion. She has developed web applications for various state agencies such as the Kansas Bureau of Investigation, Kansas Division of Emergency Management, Kansas Applied Remote Sensing Program (KARS), and many others. Her duties also include static website development, including graphic design and layout, cartographic design and production, and technical assistance. Amber previously worked at DASC for seven years until she left in January 2003 to be a GIS Lead Developer for Johnson County, Kansas, Automated Information Mapping Systems (AIMS). Amber received her Bachelor of Arts in anthropology from the University of Kansas and is currently pursuing her Master of Arts in geography from the University of Kansas.

J. Kyle Snyder is a Principal GIS Specialist with the Northern Kentucky Area Planning Commission / PlaNet GIS. He has worked in GIS for the Clermont County, Ohio Auditors Office, as well the US Forest Service, Tongass National Forest, Alaska. Kyle is currently serving as the Vice President of the Kentucky Association of Mapping Professionals and President-Elect of the IKO chapter of GITA. Kyle has a bachelor's degree in Geography from Miami University.

Steve Thompson graduated from KSU-Manhattan in 1972 with Bachelor of Science degree in Civil Engineering, and also completed eighteen credit hours toward a Master's in Civil Engineering. From 1972 to 1982, he was a design engineer and project engineer for Wilson & Company, Engineer's & Architects, Salina, Kansas. Steve also wrote and maintained engineering computer software while at Wilson & Company. In 1982, Steve began teaching at KSU-Salina (then called Kansas Technical Institute). While at KSU-Salina he taught in the

Computer Science and Civil Engineering Technology sections and was Section Head for Civil from 1991 to 1994. In 1990, Steve established the first Global Positioning System (GPS) Base Station for the State of Kansas at KSU-Salina. Steve recently left KSU-Salina and is currently negotiating with Kansas Wesleyan University to setup a GIS/GPS certificate and Associate Degree program at their campus in Salina.

KAM EXECUTIVE BOARD NOMINATIONS

PRESIDENT- ELECT

Don Cleveland

VP Business Development
Photogrammetry Division
M.J. Harden Associates, Inc.

Professional Affiliations

- * Kansas Association of Mappers (KAM)
 - Director 2002 & 2003; Charter Member 1986
- * Missouri Mappers Association (MMA)
 - President 1989; Vice President 1986; Director 1985; Charter Member 1985
- * American Public Works Association (APWA) / Kansas City Metro Chapter
 - Recipient "Heart of America Award" in 2002; President 1993; Vice President 1992; Secretary 1991; Treasurer 1990; Director 1988-89
- * American Society for Photogrammetry and Remote Sensing (ASPRS) 1976
- * American Congress on Surveying and Mapping (ACSM) 1977
- * American Public Works Association (APWA) 1980
- * Management Association for Private Photogrammetric Surveyors (MAPPS) 1991

I joined MJH in 1969 and now serve as Vice President Business Development in the Photogrammetry Division. I welcome the continued opportunity to be on your Executive Board serving the members of our organization.

SECRETARY

Amber Shultz

Amber is a GIS Specialist with the State of Kansas Data Access and Support Center (DASC) at the Kansas Geological Survey at the University of Kansas. Amber's expertise is web application development utilizing ArcIMS and ColdFusion. She has developed web applications for various state agencies such as the Kansas Bureau of Investigation, Kansas Division of Emergency Management, Kansas Applied Remote Sensing Program (KARS), and many others. Her duties also include static website development, including graphic design and layout, cartographic design and production, and technical assistance. Amber previously worked at DASC for seven years until she left in January 2003 to be a GIS Lead Developer for Johnson County, Kansas, Automated Information Mapping Systems (AIMS). Amber received her Bachelor of Arts in anthropology from the University of Kansas and is currently pursuing her Master of Arts in geography from the University of Kansas.

TREASURER

Kathleen Murphy

Kathleen earned her Bachelor of Science degree in Geography at University of Missouri at Kansas City. She has diversified experience with various cartographic applications. Her initial experience is within various applications of photogrammetric engineering. While employed with a geotechnical engineering firm, she pursued various analyses utilizing aerial photography and earned graduate hours in Environmental Geography. In the late 1980's, with the Public Works division of Johnson County, she participated in mapping, geographical evaluations, and assisted in establishing ground control for the future AIMS database. Now, with Water District No.1 of Johnson County for fifteen years as the Supervisor of Mapping and Drafting, she is presently challenged with the implementation of a water utility-wide Geographic Information System. Kathleen has been a member of the Kansas Association of Mappers since 1993 and served as a member of the Kansas GIS Standards Task Force. She maintains high hopes for the future development of KAM and would consider it a privilege to serve on the KAM Board.

DIRECTOR

Eileen R. Battles

Eileen joined the DASC team in November 1995. She graduated from the University of Kansas in May 1993 with Bachelor of Arts degrees in Geography and Environmental Studies. After graduating she was employed by a national public busing company as a GIS Analyst. In this position, Eileen assisted in the creation and enhancement of a computer assisted routing package using MapInfo software. This package was installed at school bus contract locations across the country. Eileen brings real world GIS, client support, and product enhancement experience to DASC. Her primary duties at DASC include processing custom database requests, SDE development, and client support.

Beau Dealy

Beau Dealy received his Bachelor's and Master's Degrees from Fort Hays State University, both in Biological Science. He has been in the GIS field since 1997, working the first four years for the USDA Farm Service Agency. While there, Beau assisted in the establishment of the GIS program at the Ellis County FSA, working in cooperation with the FHSU Geoscience department to develop land use layers for FSA offices nationwide. He also worked on the formation of statewide procedures and guidelines for data development, quality control, and GIS education for the FSA.

Since 2001, Beau has worked in the GIS department for Sedgwick County, Division of Information and Operations. While there, he has worked with the Sedgwick County GIS team to make GIS ubiquitous in day-to-day county operations and public service applications. Beau presently serves as coordinator for the South Central Kansas GIS User's Group, which aims to promote the distribution of GIS knowledge and data in the region.

Carol Kriebs

I have worked with Shawnee County for four years as a GIS Specialist and three years working with USGS and Kansas State University creating the soil layer for the State of Kansas. I have been an active member in KAM for the last three years and have served as the Program Chair in 2002 and the Secretary for the KAM board in 2003. I would like to once again be recognized and serve as a board member in 2004. I would be grateful for your support and vote.

Darlene Lister

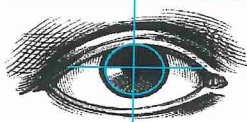
Hello, I'm Darlene Lister. I have worked for the City of Ottawa for 25 years. For the last 11 years I have done the entire mapping for the City. My duties include keeping all the maps up to date with new additions, subdivisions and infrastructure as well as specialized maps as requested. I also review all preliminary and final plats and engineering plans for utility conflicts. I have been active in KAM for 6 years. In 2000, I received the Prestigious Cartographer Award. I have served on the Program Committee, Membership Committee and have been the Treasurer for last three years. As the Chairperson of the Membership Committee this year, I have been working to get more municipal and private utility mappers involved in KAM. I look forward to serving as your director next year.

Barbara Scott

Barbara is the GIS Technician for Leavenworth County, Kansas. She started working with the Leavenworth County Appraiser's office in January 1998 and moved to the GIS department in the Spring of 2001. She was the co-chair of the KAM Membership committee in 2002 and a member of the Program Committee in 2003. Barbara obtained her KM designation in 2000. Her spare time is spent running here, there, and everywhere with her two children, Patrick (4), Meghan (1), and her husband, Sean.

2003 EXHIBITORS

CADVISIONS



"We are focused on your success"

CAD VISIONS



DASC



DREXEL TECHNOLOGIES



ESRI



IMAGE AMERICA



KANSAS BLUE PRINT



KSLS (KANSAS SOCIETY OF LAND SURVEYORS)

2003 EXHIBITORS

MARKHURD

MARKHURD



MIDAMERICA GIS CONSORTIUM
(MAGIC)



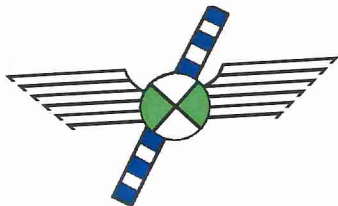
MIDLAND GIS SOLUTIONS



MJ HARDEN ASSOCIATES, INC.



R&S DIGITAL



WESTERN AIR MAPS