

*Kansas Association of Mappers
Annual Conference*



Educating & Connecting Professionals

*October 12-14, 2010
Wichita, KS*

Welcome to the Twenty-Fifth Annual KAM Conference

Twenty-five years ago, a small group of people had an idea... they wanted to create a forum for mapping professionals in Kansas. Their goal... to provide opportunities for learning new skills, sharing information and meeting other professionals to discuss ideas and solutions. Those visionaries decided that an organized group or association with an annual gathering would be a great vehicle to meet these goals. Hence, the Kansas Association of Mappers Annual Conference was established.

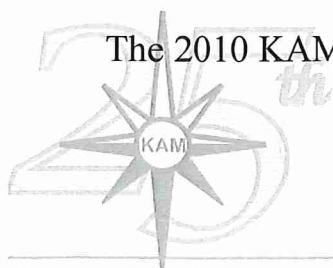
In keeping with tradition and continuation of those original goals, you are welcomed to the 25th Annual KAM Conference today!

Whether this is your first KAM Conference or your twenty-fifth, this conference is sure to be special. In addition to the usual selection of informative breakout sessions, you will be entertained, enlightened, and energized by an incredible array of opportunities! You are invited to join with fellow KAM members, past and present, as well as other professionals from your field and enjoy a nationally syndicated humor columnist, a pizza party with our generous exhibitors and an awesome conference Gala Event!

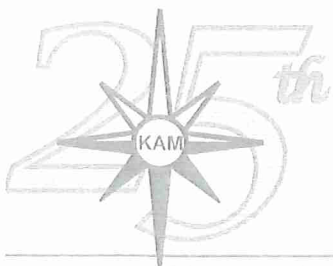
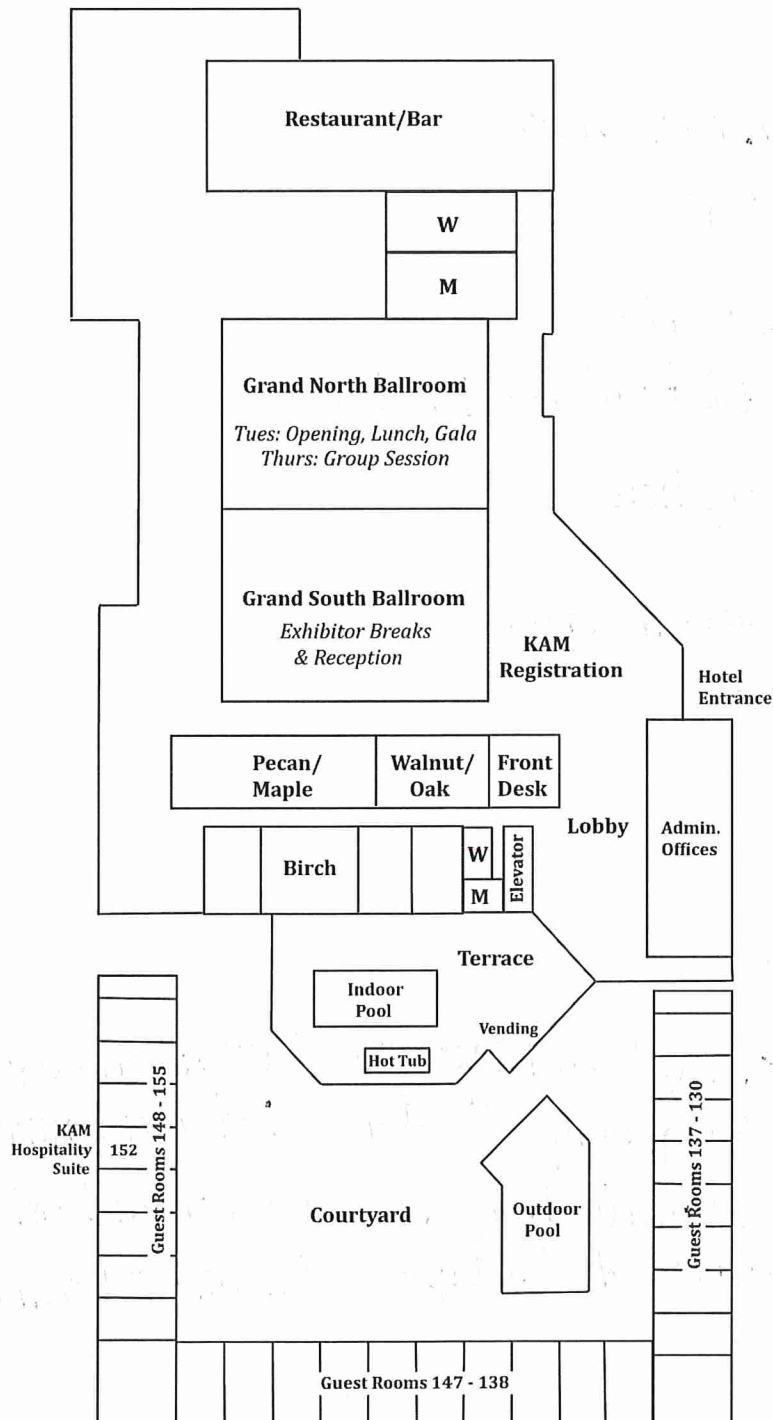
The 25th Annual KAM conference will highlight and honor the great history of KAM and its members as well as offer new knowledge to guide you into the future. Everyone is encouraged to grasp the opportunities that exist, take advantage of the information provided, and become a part of the rich fabric of KAM history.

Twenty-five years ago, a small group of people had an idea... today, we affirm those same goals. There have been changes in format, but the Kansas Association of Mappers Annual Conference remains steady in its goals... to learn new skills, share experiences, and maintain contacts with professionals in the mapping/GIS industry. Celebrating our 25th year, let's add...renew old friendships and have some FUN to those goals!

The 2010 KAM Program Committee



Hotel Layout



Conference Schedule – Summary

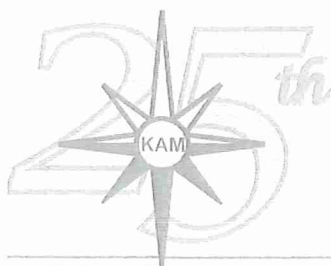
Monday, October 11, 2010

| TIME | ROOMS | |
|-------------|---------------|---|
| 1:00 – 5 pm | Walnut / Oak | Pre-conference workshop: Fundamentals of ArcGIS |
| 1:00 – 5 pm | Pecan / Maple | Pre-conference workshop: Bringing ORKA to Your County |

Tuesday, October 12, 2010

| TIME | ROOMS | |
|----------------|----------------|---|
| 8:30 am – 6 pm | Lobby | Conference Registration |
| 10:15 am | North Ballroom | Opening Remarks |
| 11:15 am | | Break |
| 11:30 am | North Ballroom | Lunch |
| 12:15 pm | North Ballroom | KAM Business Meeting (awards & board nominations) |
| 1:00 pm | North Ballroom | Humorous Motivational Speaker - Charles Marshall |
| 2:00 pm | | Break |

| BREAKOUT SESSIONS | Pecan / Maple | Birch | Walnut / Oak |
|-------------------|---|---|--|
| 2:15 – 3:15 pm | Title/ Instruments | Greensburg – After the Disaster | Intuitive Data Collection Using a GPS Camera and Wind Image Software |
| 3:15 pm | Break with Exhibitors – <i>Sponsored by Wilson & Company</i> <i>Exhibitors and Map Gallery Open until 5 pm</i> | | |
| 3:30 – 4:30 pm | Building a Street Centerline File That Works for Everyone | KGISD Certification: Top Secret Information Exposed | US Topo – A New Generation of Maps & <i>The National Map Viewer</i> |
| 6:00 - midnight | North Ballroom | KAM Gala – Dinner, Presentations, Toast, and a DJ <i>Keg – Sponsored by Map It Out</i> | |



Wednesday, October 13, 2010

| TIME | ROOMS | | |
|-------------------|--|---|--|
| 9:00 am | South Ballroom | Coffee & Rolls with Exhibitors – <i>Sponsored by MJ Harden</i> | |
| 9:00 am – 5 pm | South Ballroom | Exhibitors and Map Gallery Open | |
| BREAKOUT SESSIONS | Pecan/Maple | Birch | Walnut/Oak |
| 9:30 – 10:30 am | Title/Instruments (Repeat) | Supporting Emergency Response with GIS: What's New? | Are Your Maps for Everyone??? |
| 10:30 am | Break | | |
| 10:45 – 11:45 am | What's New in ArcGIS 10 | Floodplain Mapping: From Inception to Dissemination | Web Mapping for the County, by the County |
| 12:00 noon | Lunch on your own | | |
| 1:30 – 2:30 pm | Statewide & Local Government Data Initiatives | GPS – Current status and future changes, Homeland Security, 911 Centerline files and digital ortho aerial photography | Beyond the Case Report: Finding GIS Success within the Law Enforcement Community |
| 2:30 pm | Break | | |
| 2:45 – 3:45 pm | PVD Update | Custom Web Maps: Introduction to the ArcGIS API for Javascript | Working with Light Detection and Ranging (LiDAR) Data with ArcGIS |
| 3:45 pm | Break with Exhibitors | | |
| 4:00 – 5:00 pm | ArcServer Web GIS and Mobile Solutions for County Government | Next Generation 911: How will it affect GIS personnel? | Introduction to Web-based GIS |
| 6:00 – 9:00 pm | South Ballroom | Exhibitors Reception | <i>Pizza sponsored by Aerometric Keg sponsored by Manatron</i> |

Thursday, October 14, 2010

| TIME | ROOMS | |
|-----------------|----------------|--|
| 8:00 – 9:00 am | Lobby | Coffee & Rolls |
| 9:00 – 10:30 am | North Ballroom | Group Session: KAM Mentoring; ORKA Update, DASC Update |
| 10:45 am – noon | North Ballroom | Conclusion of Annual Meeting & Lunch Buffet |

Session Details

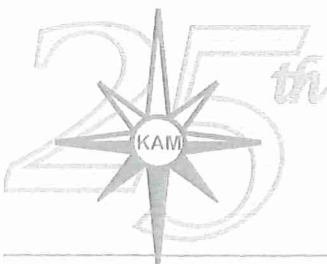
Monday – October 11

1 pm – 5 pm**Pre-Conference Workshops****Walnut/Oak****Fundamentals of ArcGIS - Ken Wilkerson, GIS Edge****Pecan/Maple****Bringing ORKA to Your County.** *Melissa Crane, Kansas Department of Revenue, PVD; Ken Nelson, DASC; and Tim Hensley, ESRI*

Tuesday – October 12

8:30 am – 6 pm **Conference Registration****10:30 am – 2 pm** **Opening Session****North Ballroom****Welcome:** *Dan Oldehoeft, KAM President & Ivan Weichert, State of Kansas GIS Coordinator***Lunch****KAM Business Meeting** (KAM Awards & Board Nominations)**Humorous Motivational Speaker Charles Marshall**

Charles Marshall is one of the most popular humorous motivational speakers speaking today and has almost 20 years experience speaking to audiences all over the United States. Each year, Charles travels 100,000 miles to perform in over 100 corporate and civic venues from New York to California. His animated delivery and original observations have captivated over 1,000 audiences over the past two decades, including many Fortune 500 companies.

*Glass Slipper book***2 pm****Break**

Tuesday – October 12

2:15 pm

Breakout Sessions:**Pecan/Maple****Title/Instruments – David Coffelt, CEO, Coffelt Land & Title**

A one hour interactive discussion about various land title transactions, instruments filed of record and the effects of those instruments. Come share some of your experiences with wild deeds, incomplete legal descriptions and ambiguous documents. *(Repeated on Wednesday at 9:30 am)*

Birch**Greensburg - After the Disaster - Dan Rose, Environmental GIS Technician, City of Topeka**

Three years ago, after a tornado destroyed nearly the entire town of Greensburg, Kansas, the remaining residents decided that they would not only rebuild, they would redesign the town to be a model green community. The town has since begun the rebuilding process, but with the vision of a different town than that which was destroyed: one that is environmentally sustainable and safe. See how much Greensburg has changed in the three years since it was nearly wiped clean by an EF-5 tornado.

Walnut/Oak**Intuitive data collection using a GPS camera and Wind Image Software -**

Garet Couch, GISP, Business Manager, Wind Environmental Services, LLC

Learn how to establish an easy to use workflow with a GPS enabled camera and Wind Image Software. Capturing photos in the field is an intuitive activity that is easily managed, but capturing data within your photo is even better. By utilizing a GPS enabled camera for data collection the value of your photo becomes enhanced when you process it within Wind Image. Learn about processing your photos into an ArcMap environment with Wind Image and other reporting and mapping options.

3:15 pm

Break**South Ballroom****Snacks and Drinks with Exhibitors - Sponsored by Wilson & Company**

3:30 pm

Breakout Sessions:**Pecan/Maple****Building a Street Centerline File That Works for Everyone - Sherry**

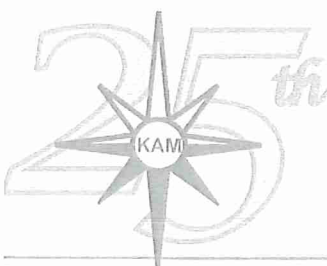
Massey, GIS Coordinator, Dickinson Co. 911, Appraiser, Road and Bridge.

Everyone needs street centerline information, and everyone uses it for different things. All facets of a street centerline file will be discussed including the basics of line editing and the attributes needed to make one file useful to all departments. As time allows, the issues that can come up when 911 and GIS meet will also be highlighted.

Birch**KGISD Certification: Top Secret Information Exposed - Lee Allen,**

KGISD, GIS & Mapping Coordinator, Shawnee County

This session will examine the KAM KGISD Certification process and a new study guide will be unveiled to assist in preparing for the KGISD test. Included in the study guide are list of resources available to use for preparation and detailed information on the subjects needed to master the questions. Shhhh, remember this is top secret!

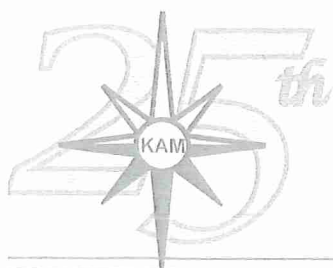


Tuesday – October 12

| | |
|-----------------------|--|
| 3:30 pm | Breakout Sessions: (continued) |
| Walnut/Oak | <p>US Topo - A New Generation of Maps & The National Map Viewer - Ingrid Landgraf, USGS Geospatial Liaison for Kansas, US Geological Survey</p> <p>US Topo is the next generation of digital topographic maps from the U.S. Geological Survey. The digital maps are now complete for Kansas and can be downloaded free. Get more information at nationalmap.gov/ustopo/index.html. This presentation will demonstrate the capabilities of these digital maps. Another method to view National Map data is by using <i>The National Map Viewer</i> at viewer.nationalmap.gov/viewer/. This presentation will demonstrate the functionality of the viewer.</p> |
| 6 pm- Midnight | KAM GALA |
| North Ballroom | Celebrate KAM at a special semi-formal evening, including dinner with a toast, presentations from our past presidents and founding members, and a DJ. |

Wednesday – October 13

| | |
|--------------------------|--|
| 9am | Coffee & Rolls With Exhibitors |
| South Ballroom | <i>Sponsored by MJ Harden</i> |
| 9am – 5pm | KAM Executive Board Election |
| Registration Desk | Cast your vote for KAM Board Members. |
| 9:30 am | Breakout Sessions: |
| Pecan/Maple | <p>Title/Instruments (repeat) – David Coffelt, CEO, Coffelt Land & Title</p> <p>A one hour interactive discussion about various land title transactions, instruments filed of record and the effects of those instruments. Come share some of your experiences with wild deeds, incomplete legal descriptions and ambiguous documents.</p> |
| Birch | <p>Supporting Emergency Response with GIS: What's New? - Jessica Frye, GIS Coordinator, Kansas Adjutant General's Department</p> <p>Topics will include: How you can be part of the GIS Response Team, Come explore the Public Information/Geographic Information Response Vehicle, and tips/tricks on where to find data and tools to aid in support responders.</p> |
| Walnut/Oak | <p>Are Your Maps for Everyone???- Ivan Weichert, Kansas GIS Coordinator, KS Dept. of Administration, DISC</p> <p>Join Ivan for a discussion about designing your maps for different users.</p> |



Wednesday – October 13

10:30 am

Break

10:45 am

Breakout Sessions:

Pecan/Maple

What's New in ArcGIS 10 - *Tim Hensley, Sales Engineer, ESRI St. Louis*

This session will discuss what's new in ArcGIS 10. The discussion will pertain to changes that have been made to Desktop, Server and Mobile.

Birch

Floodplain Mapping: From Inception to Dissemination - *Andrew Megrail, CFM, Floodplain Mapping Coordinator, Kansas Department of Agriculture*

Examine the process that goes into creating a Digital Floodplain Insurance Rate Map (DFIRM) and the tools to share it with the public and officials who may not have the GIS skills to utilize the data to the fullest potential. Different layers that go into the creation and how the final product is used and shared will be covered.

Walnut/Oak

Web Mapping for the County, by the County - *Lee Allen, KGISD, GIS & Mapping Coordinator, Shawnee County*

Shawnee County has undergone major changes in the last two years with regard to public and internal GIS websites. This session will describe in detail what it takes for a county to create its own public website and relate valuable lessons learned in the process of transitioning from an externally hosted site to internally hosted sites. Topics include: ESRI ArcGIS Server, ESRI Resource Center, Adobe Flex, and all the latest web jargon you can imagine.

12 noon

Lunch on Your Own

1:30 pm

Breakout Sessions:

Pecan/Maple

Statewide & Local Government Data Initiatives - *Eileen Battles, GIS Specialist, DASC*

There are numerous projects going on across the state collaborating state and local government GIS. This session highlights some of these projects and how you can become involved.

Birch

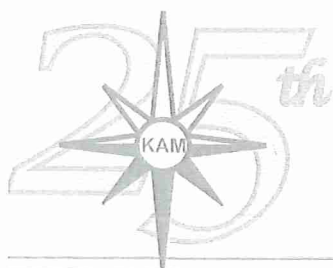
GPS - Current status and future changes, Homeland Security, 911 centerline files and digital ortho aerial photography - *Stephen Thompson, GIS/GPS Consultant*

This session will discuss: 1) The current status of the GPS system and planned future changes, 2) The role that GPS plays in the operation, maintenance, and data collection related to the 911 system and Homeland Security, 3) How to use GPS/GIS to evaluate the quality of digital ortho aerial photography and road centerline files.

Walnut/Oak

Beyond the Case Report: Finding GIS Success within the Law Enforcement Community - *Mike Kollmeyer, GIS Police Analyst, City of Wichita IT/IS*

This session will cover the growth of GIS technology into the business processes of the Wichita Police Department. We will show examples of previous, current and future projects/applications and methods of gaining support from the level of officer to the Chief.



Wednesday – October 13

2:30 pm

Break

2:45 pm

Breakout Sessions:

Pecan/Maple

PVD Update - *Melissa Crane, PKM, RMA, GIS & Cadastral Specialist, Kansas Department of Revenue, PVD*

This session will be an opportunity for county mapping personnel to learn about the Statewide Tax Unit Mapping Project and to get the latest updates on the status of ORKA, SURGO Soils, and Orion Conversion topics.

Birch

Custom Web Maps: Introduction to the ArcGIS API for Javascript - *Lisa Hallberg, DASC*

Embedding a map into your web page has come a long way from the days of ArcIMS and the web ADF. Web mapping can now be a much more intuitive, user-friendly part of your web site. This course will demonstrate how to write Javascript code to embed a web map into your web page, including zooming-to and highlighting points and polygons, and displaying a pop-up "identify" balloon. We will use the ESRI ArcGIS Resource Center (help.arcgis.com/en/webapi/javascript/arcgis/) to find code examples and use them in the development of a web map, including map services provided by both DASC and ESRI.

Walnut/Oak

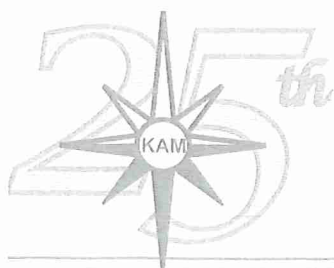
Working with Light Detection and Ranging LiDAR Data with ArcGIS - *Travis Rome, State GIS Specialist, Natural Resource Conservation Service*

High resolution elevation data derived from LiDAR sensors is available in some Kansas counties and is anticipated to continue to be developed across the state. Integrating LiDAR data into everyday GIS activities requires the ability to manipulate either the raw LiDAR data or the derived Digital Elevation Model, this presentation will explore the development of high resolution elevation and derived landscape products such as hillshades, slope maps, and contours in the ArcGIS 9.x environment.

3:45 pm

Break

Refreshments with Exhibitors



Wednesday – October 13

4:00 pm

Breakout Sessions:**Pecan/Maple****ArcServer Web GIS and Mobile Solutions for County Government -***Jason Williamson, Business Development, Midland GIS Solutions*

This session will be presenting the new and exciting features of ArcServer Web GIS. The demonstration will include a first-hand look at how data can be updated through the Web and also how data can be collected in the field and updated almost instantly with mobile devices. Learn about the functionality and benefits of having your GIS data on the web and see how data can be effectively and safely shared within your office or even with the public in a secure environment. With the power of Web GIS, the amount of geospatial data that can be incorporated into your GIS program and displayed on the web is almost limitless.

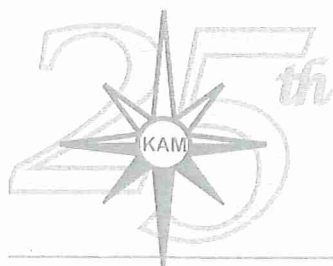
Birch**Next Generation 911: How will it affect GIS personnel? - Sherry Massey, GIS Coordinator, Dickinson County; and Jessica Frye, GIS Coordinator, Kansas Adjutant General's Department**

In this session Next Generation (NextGen) 911 impacts on GIS procedures and personnel will be explored. Topics will include: what is NextGen 911 and why should I care, how will the data change, where can I find more information and what is the State's NextGen 911 Board doing.

Walnut/Oak**Introduction to Web-based GIS - Chris Welchhans, Riley County**

Agencies that want to publish their data have more options than ever before. In this session, learn about publishing data online through Web services and interactive mapping applications. With specific examples from ArcGIS Server and other Web-based GIS software, we will address some of the common issues that accompany the installation and maintenance of these systems. Topics will include: hardware requirements, application interfaces, skills required for working with the software on the server, and those skills required for building Web-based applications for the browser.

6 – 9:00 pm

Exhibitor Reception**South Ballroom****Join the Exhibitors for a fun night of pizza and prizes.***Pizza provided by Aerometric**Keg provided by Manatron*

Thursday – October 14

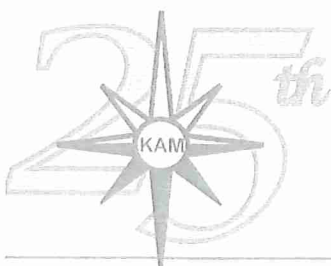
8 am **Coffee & Rolls (Lobby)**

9 am **Group Sessions:**

North Ballroom **The KAM Mentoring Program** - *Eileen Battles, GIS Specialist, DASC***ORKA Update** - *Melissa Crane, GIS & Cadastral Specialist, Kansas Department of Revenue, PVD***What's New at DASC** - *Ken Nelson, Manager, DASC*

It's time for our annual update of what's up at DASC. We've been plenty busy over the past year. Along with working on a new web portal, we've also implemented ESRI's latest and greatest server technologies. This session will provide an overview of DASC's new web site, web mapping services, and related projects. Ever wondered what a map service or image service was? Come to this session and we will tell you how they are being used at DASC!

10:45 am **Conference Conclusion**

North Ballroom KAM Business Meeting Conclusion & Lunch Buffet

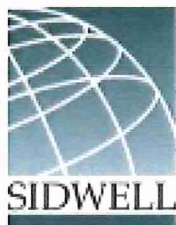
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2010 KAM Conference Continuing Education Tracker

Fill in your name in the top box. Get a stamp from the moderator after each session you attend.
Turn in at the registration desk at the end of the conference.

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|--|---|
| Name: | Web Mapping for the County, ... |
| Fundamentals of ArcGIS | Statewide & Local Gov't Data Initiatives |
| Bringing ORKA to Your County | GPS—Current Status & Future.... |
| Title/Instruments | Beyond Case Report: GIS...Law Enforcement |
| Greensburg—After the Disaster | PVD Update |
| Intuitive Data Collection w/Camera etc | Custom Web Maps: Intro ArcGIS API |
| Building a Street Centerline File... | Working w/LiDAR data with ArcGIS |
| KGISD Certification: Top Secret Info.. | ArcServer Web GIS & Mobile Sol'n |
| US Topo—A New Generation... | Next Gen 911: GIS Personnel |
| Supporting Emergency Response w/GIS | Web Ready Data |
| Are Your Maps for Everyone??? | KAM Mentoring |
| What's New in ArcGIS10 | What's New at DASC |
| Floodplain Mapping: From Inception... | ORKA Update |

