



Kansas Association of Mappers

Annual Conference 2014

Lead Learn Share

KAM

2014

From Local to Global

October 7 - 10, 2014



Four Points Sheraton,
530 Richards Dr.
Manhattan, KS 66502

www.kansasmappers.org



< Detailed conference information including presentation descriptions, speaker bios and more can be found on the conference app.

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Conference Schedule Summary

Tuesday, October 7, 2014		
8:00 am – 12:00 pm	NG9-1-1 Workshop	Conference Room II-III
1:00 pm – 5:00 pm	Pre-Conference Sessions	Conference Room I, II-III, V
3:00 pm – 3:30 pm	Afternoon Break	
Wednesday, October 8, 2014		
7:30 am – 8:30 am	Coffee	Preconvene
8:00 am – 6:00 pm	Registration	Preconvene
8:30 am – 9:00 am	Welcome	Regency A & B
9:00 am – 10:00 am	Opening / Keynote Speaker <i>“The Importance of GIS in Emergency Response and Recover Operations” - COL Tony Hofmann PMP, Ret, Stantec Consulting</i>	Regency A & B
10:15 am – 11:15 am	KAM Business Meeting – Part I	Regency A & B
11:30 am – 12:45 pm	Luncheon	Regency A & B
1:00 pm – 4:20 pm	Presentation Sessions I - III	Conference Room I, II-III, IV, V
2:50 pm – 3:30 pm	Break with Exhibitors	Regency A & B
5:00 pm – 6:00 pm	New KAM Member Reception	Suite #351
6:00 pm – 8:00 pm	Exhibitor Reception	Regency A & B
9:00 pm – Midnight	Hospitality Room	Conference Room IV
Thursday, October 9, 2014		
7:30 am – 8:30 am	Coffee	Preconvene
8:00 am	Registration	Preconvene
8:30 am – 11:20 am	Presentation Sessions IV - VI	Conference Room I, II-III, V
11:30 am – 1:00 pm	“Unconference” and Lunch	Regency A & B
1:00 pm – 2:50 pm	Presentation Sessions VII - VIII	Conference Room I, II-III, V
2:50 pm – 3:30 pm	Break with Exhibitors	Regency A & B
3:30 pm – 4:30 pm	NG9-1-1-Round Table	Regency A & B
5:00 pm – 7:00 pm	Shuttle Service to Downtown For Dinner & Social	
7:00 pm – 9:00 pm	Social at Flint Hills Discovery Center	
8:00 pm – 9:30 pm	Return Shuttle Available to Hotel	
9:30 pm – Midnight	Hospitality Room	Conference Room IV
Friday, October 10, 2014		
7:30 am – 8:30 am	Coffee	Preconvene
8:30 am – 9:30 am	Closing Keynote <i>“A Geographer’s Role in Emergency Response” – Mike Dulin, GIS Analyst, USACE-Kansas City District</i>	Regency A & B
9:30 am – 12:00 pm	Response Exercise and Brunch	Regency A & B
12:00 pm – 12:30 pm	KAM Business Meeting – Part II & Final Giveaway Drawing	Regency A & B
12:30 pm	Conference Adjourns	

Map Gallery

The Map Gallery competition will return again this year. The entries will be presented as a digital slideshow and as poster displays. Beginning at 2:50 pm on Wednesday, the gallery will be open for viewing in the Exhibit Hall and you will be able to turn in your ballots at the registration table; voting will end Thursday at 4:30 pm. Prizes will be presented for Cartographic Excellence, Analytic Excellence, Web App and People's Choice during the closing session on Friday morning.

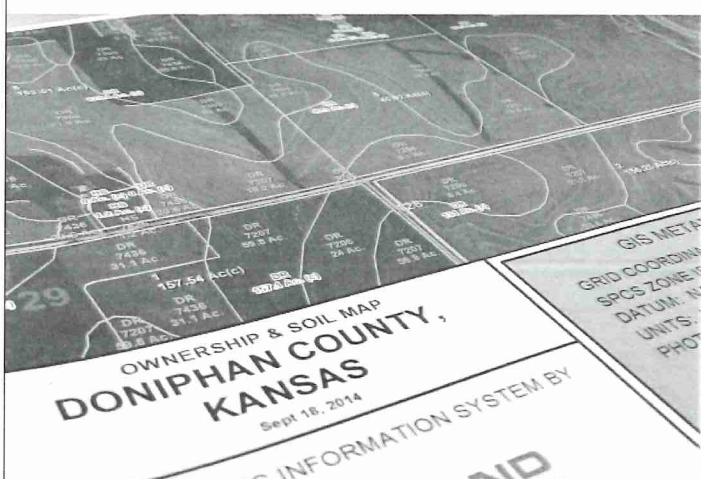
Exhibit Hall (Regency A & B)

Wednesday, October 8, 2014

2:50 pm – 3:30 pm	Exhibits Open — Refreshment Break
6:00 pm – 8:00 pm	Exhibitor Reception – Dinner Buffet / Door Prizes

Thursday, October 9, 2014

8:30 am – 4:30 pm	Exhibitors & Map Gallery Open
2:50 pm – 3:30 pm	Afternoon Refreshment Break



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Networking Events

Exhibitor Reception

Join us for an evening of fun at the Exhibitor Reception on Wednesday evening, October 8th from 6:00 pm – 8:00 pm. This event will give you a chance to network with colleagues and our supporting companies/organizations. This year KAM will be challenging our attendees and exhibitors to show off their Kansas College Team pride! Dress in support of your favorite Kansas College Team, take selfies with the exhibitors and much, much more. There will be food and beverage provided, great trivia and a chance to win tons of prizes!

Help KAM give back to the community!

Please bring a non-perishable Thanksgiving themed food items in support of your favorite Kansas College (K-State, KU, Emporia State, FHSU, Pittsburg State, Wichita) to the Exhibit Reception or any other day of the conference to make sure your school donates the most items! We will announce the winner at the end of the night. All items will be donated to one of the local food pantries in Manhattan.

KAM Social

As always we will enjoy an evening out in our host city! The KAM Social will be held at the Flint Hills Discovery Center on Thursday, October 9th from 7:00 pm – 9:00 pm. A shuttle will be available starting at 5:00 pm to take attendees to Downtown Manhattan for dining and socializing prior to the start of the Social. The shuttle will run from 7:00 pm – 9:00 pm to the Flint Hills Discover Center for the Social. Beverages will be provided.

Hospitality

Join your peers in the Hospitality Room (Conference Room IV) for after-hours professional interaction. The hospitality will begin Wednesday evening at 9:00 pm, following the Exhibitor Reception, and Thursday night after the KAM Social.



Visit the mobile app to see a list of all our supporting exhibitors!

Thank you to AOS for providing lanyards.

Conference Schedule

Tuesday, October 7, 2014

8:00 am – 12:00 pm	NG9-1-1 Workshop <i>Sherry Massey, Dickinson County</i>	Conference Room II-III
1:00 pm – 5:00 pm	Pre-Conference Sessions	
	Pre-Conference Session I GIS on the Web (ArcGIS Online and JavaScript/HTML5) – <i>Jared Tremblay, City of Manhattan;</i> <i>Steven Graf, Alexander Open Systems</i>	Conference Room I
	Pre-Conference Session II Working with Geodatabases – <i>Sherry Massey, GISP- GIS Coordinator,</i> <i>Dickinson County, KS</i>	Conference Room II-III
	Pre-Conference Session III GIS for Appraisers – <i>Ken Hays, City of Manhattan,</i> <i>Lynn Potter, City of Manhattan, and</i> <i>Bryce Hirschman, Douglas County</i>	Conference Room V
3:00 pm – 3:30 pm	Afternoon Break	Preconvene

Wednesday, October 8, 2014

7:30 am – 8:30 am	Coffee	Preconvene
8:00 am	Registration	Preconvene
9:00 am – 10:00 am	Opening General Session, Keynote Address – “ The Importance of GIS in Emergency Response and Recover Operations ” – <i>COL Tony Hofmann PMP, Ret, Stantec Consulting</i>	Regency A & B
10:00 am – 10:15 am	Break	
10:15 am – 11:15 am	KAM Business Meeting – Part I	Regency A & B
11:15 am – 11:30am	Break	
11:30 am – 12:45 pm	Luncheon with State Agency Updates	Regency A & B
12:45 pm – 1:00 pm	Break	

1:00 pm – 1:50 pm	Presentation Session I	
	How to be a Metadata Rock Star – – <i>Meagan Duever & Ellen Urton, Kansas State University Library</i> Creating /Editing FGDC Metadata in ArcGIS – <i>Jacob Hardman, Alexander Open Systems</i>	Conference Room I
	Advanced Linear Referencing System – <i>Kyle Gonterwitz, Kansas Department of Transportation</i> ORKA & Orion – <i>Kristen Jordan, Data Access and Support Center</i>	Conference Room II-III
	ArcGIS Online – <i>Jared Tremblay, City of Manhattan</i>	Conference Room IV
	Tips & Tricks for Automating Processes with Model Builder and Python – <i>Micah Seybold, City of Lawrence</i>	Conference Room V
1:50 pm – 2:00 pm	Break	
2:00 pm – 2:50 pm	Presentation Session II	
	Kansas NG9-1-1 GIS Program – <i>Sherry Massey, Dickinson County and Ken Nelson, Data Access and Support Center</i>	Conference Room I
	Download, Configure and Use – Solution Template for Local Government – <i>Tim Hensley, Esri</i>	Conference Room II-III
	Floodplain Mapping in Kansas – <i>Tara Lanzrath and Dane Bailey, Kansas Department of Agriculture – Division of Water Resources</i> Stormwater Data Collection Using a Mobile GIS Application – <i>Alicia Williams, AMEC</i>	Conference Room IV
	ArcGIS API for JavaScript – The Future of Web GIS – <i>Steven Graf, Alexander Open Systems</i>	Conference Room V
2:50 pm – 3:30 pm	Afternoon Break with Exhibitors	Regency A & B
2:50 pm – 8:00 pm	Map Gallery Open	Regency A & B

3:30 pm – 4:30 pm	Presentation Session III	
	GeoMentoring and an Enterprise GIS – <i>Dan Rose, Water One</i>	Conference Room I
	Kansas NG911 Ortho Imagery Program – <i>Randy Mayden, Surdex and Tammy Peterson, Valtus</i>	Conference Room II-III
	Jefferson County Real Time GIS with ArcGIS GeoEvent Processor – <i>Kirk Webb, Jefferson County</i> Missouri's ARRA Broadband Structures Project – Putting a Geospatial Point on Every Roof-Lined Structure in Missouri (and – Separately – in 2 Kansas Counties too!) – <i>Mark Duewell, Missouri Spatial Data Information Service (MSDIS)</i>	Conference Room IV
	ArcGIS Editing Tips & Tricks...Save Those Clicks! – <i>Lee Allen, City of Topeka</i>	Conference Room V
4:20 pm – 6:00 pm	Break	
5:00 pm – 6:00 pm	New KAM Member Reception	Suite #351
6:00 pm – 8:00pm	Exhibitor Reception	Regency A & B
9:00 pm	Hospitality	Conference Room IV

Thursday, October 9, 2014

7:30 am – 8:30 am	Coffee	
8:00 am	Registration	Preconvene
8:30 am – 3:30 pm	Exhibits and Map Gallery Open	Regency A & B
8:30 am – 9:20 am	Presentation Session IV ArcGIS Pro: An Overview – <i>Tim Hensley, Esri</i>	Conference Room I
	Network Analyst for Maps & Grants – <i>Jared Tremblay, City of Manhattan</i>	Conference Room II-III
	GIS Desktop Tips & Tricks – <i>Bryce Hirschman, Douglas County</i>	Conference Room V
9:20 am – 9:30 am	Break	

9:30 am – 10:20 am	Concurrent Session V	
	Kansas NG9-1-1 GIS Program	Conference Room I
	– <i>Sherry Massey, Dickinson County and Ken Nelson, Data Access and Support Center</i>	
	Creating Topologically Sound GIS Files	Conference Room II-III
	– <i>Joanna Rohlf, AMEC</i>	
	Saving Time with ArcPy	Conference Room V
	– <i>Jay Guarneri, City of Manhattan</i>	
10:20 am – 10:30 am	Break	
10:30 am – 11:20 am	Presentation Session VI	
	PVD Update	Conference Room I
	– <i>Melissa Crane, Kansas Department of Revenue, PVD</i>	
	ORKA & Orion	
	– <i>Kristen Jordan, Data Access and Support Center</i>	
	Online Flood Mapping	Conference Room II-III
	– <i>Jared Tremblay, City of Manhattan</i>	
	Interagency Partnership Mapping Efforts, Introducing the Flood Forecast Inundation Map-Tool	
	– <i>Brian Rast, U.S. Army Corps of Engineers</i>	
	Tips & Tricks for Automating Processes with Model Builder and Python	Conference Room V
	– <i>Micah Seybold, City of Lawrence</i>	
11:20 am – 11:30 am	Break	
11:30 pm – 1:00 pm	“Unconference” and Lunch	Regency A & B
1:00 pm – 1:50 pm	Presentation Session VII	
	Getting Hired for Your Ideal GIS Job	Conference Room I
	– <i>Jesse Smith, Kansas Division of Emergency Management and Jessica Frye, Alexander Open Systems</i>	
	Registering Historic Sanborn Maps using ArcMap® and Adobe Photoshop®	Conference Room II-III
	– <i>Tim Hensley, Esri</i>	
	Querying CRS data in SQL	Conference Room V
	– <i>Sherry Massey, Dickinson County</i>	
1:50 pm – 2:00 pm	Break	

2:00 pm – 2:50 pm	Presentation Session VIII	
	GeoMentoring and an Enterprise GIS – <i>Dan Rose, Water One</i>	Conference Room I
	Creating an Aguse Questionnaire – <i>Pam Dunham, Butler County</i>	Conference Room II-III
	Using and Designing a Geodatabase – <i>Brent Chamberlain, Kansas State University, Landscape Arcitecture</i>	Conference Room V
2:50 pm – 3:30 pm	Refreshment Break with Exhibitors	Regency A & B
3:30 pm – 4:30 pm	NG9-1-1 Round Table	Regency A & B
4:30 pm – 5:00 pm	Break	
	Dinner on Your Own	
5:00 pm – 7:00 pm	Shuttle Service to Downtown for Dinner & Social - meet at Front Lobby	
7:00 pm – 9:00 pm	KAM Social – Flint Hills Discovery Center (shuttle transportation provided from hotel and from downtown)	
8:00 pm – 9:30 pm	Return Shuttle from Flint Hills Discovery Center to the Hotel	
9:30 pm	Hospitality	Conference Room IV

Friday, October 10, 2014

7:30 am – 8:30 am	Coffee	Preconvene
8:30 am – 9:30 am	Closing Keynote Speaker “A Geographer’s Role in Emergency Response” – <i>Mike Dulin, GIS Analyst, USACE-Kansas City District</i>	Regency A & B
9:30 am – 12:00 pm	Response Exercise and Brunch	Regency A & B
12:00 pm – 12:30 pm	KAM Business Meeting – Part II & Final Giveaway Drawing (<i>must be present to win</i>)	Regency A & B



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Board Nominations

President

Kristen Jordan

Kristen grew up in Lawrence, Kansas, and graduated from the University of Nebraska-Lincoln with bachelor degrees in International Studies and Political Science. After beginning GIS at the Nebraska Emergency Management Agency, she worked as the GIS Project Manager for Jefferson County, Kansas, for over five years. In early 2012, Kristen became a GIS Specialist with the Kansas Data Access and Support Center. She graduated with her MGIS through Pennsylvania State University in 2014. Kristen has been a member of KAM since 2006 and has served as a Director on the Executive Board since 2012.

Secretary

Susan Schulte

Hi! I am Susan Schulte, the Stevens County GIS Coordinator. My first KAM Conference was in 2006 and since then I have been an active member of KAM. I am the current Secretary for the KAM Board and have held that position for the last three years. It has been quite a ride! I look forward to another year because I enjoy the Secretary position and serving on the Board. The KAM Association was very beneficial to me as I began my "GIS Career". I appreciate being able to serve on the Board of an organization that helped me so much. It's my way of giving back. I would love to serve again as Secretary to the KAM Board and your vote would be appreciated!

Treasurer

Lisa Olson

Lisa is the GIS Coordinator for Seward County. Lisa has been a member since 2007 and currently serves the Board as Treasurer. Lisa holds a KM designation and chairs the Awards Committee.

Director

Chris Brown

Chris is the GIS Coordinator for Russell County. He has been a member of KAM since 2007. Chris is dedicated and passionate and is motivated to share ideas with KAM. Chris would enjoy the opportunity to be a KAM Director. Vote Chris for Director.

Bettejane (Bj) Wooding

I have been a member of KAM since 1990; earned the PKM designation in 1991, served as President in 1996, earned the KGISD designation in 2003. I have worked on various KAM committees and currently chair the Membership committee. I have worked for Barton County as the county cartographer for over 24 years. I am currently serving on the Kansas GIS Policy Board. I am also a member of IAAO and ASCM, and earned the CMS (Cadastral Mapping Specialist) designation from IAAO in 1994. I have participated in various state and regional GIS user groups and committees.

Elias (Eli) Martinson

Eli is the GIS Coordinator for the City of Manhattan. He joined KAM in 2010 and served on the Publication and Program Committees in 2011. He is serving on the Program Committee again this year. Eli's vision is awaiting to be shared as a new KAM Director. Vote for Eli to see his vision.

Becky Bartley

Becky is the Land Development Director for Osage County. Becky has been a KAM member since 1998. Becky has served on the KAM Board in the Past as Secretary and Director. Becky's passion for Cartography/GIS makes her an excellent candidate for the position of Director. Becky would appreciate your vote for Director.

Executive Board

Gail Ogle, President
Pam Cannon, President Elect
Susan Schulte, Secretary
Lisa Olson, Treasurer
Lee Allen, Past President
Nick Callaghan, Director
Cara Mays, Director
Bettejane (Bj) Wooding, Director
Kristen Jordan, Director

Program Committee

Jessica Frye, Chair
Jason Sweet
Eli Martinson
Jared Tremblay
Nick Callaghan
Jesse Smith
Pam Dunham



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Contact: Tim Donze

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NOTES

2014 KAM Conference Continuing Education Tracker

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

Pre-Conference – NG9-1-1 Workshop	ArcGIS Editing Tips & Tricks
Pre-Conference – GIS on the Web (ArcGIS Online & JavaScript/HTML5)	ArcGIS Pro
Pre-Conference – Working with Geodatabases	Network Analyst for Maps & Grants
Pre-Conference – GIS for Appraisers	GIS Desktop Tips & Tricks
	Kansas NG911 GIS Program
How to be a Metadata Rock Star/ Creating – Editing FGDC Metadata in ArcGIS	Creating Topologically Sound GIS Files
Advanced Linear Referencing System/ ORKA & Orion	Saving Time with ArcPy
ArcGIS Online	PVD Update/ ORKA & Orion
Tips & Tricks for Automating	Manhattan Online Flood Mapping/ Interagency Partnership Mapping Efforts, Introducing the Flood Forecast Inundation Map-Tool
Kansas NG911 GIS Ortho Program	Tips & Tricks for Automating
Solution Template – Local Government	Getting Hired for Your Ideal GIS Job
Floodplain Mapping in Kansas/ Stormwater Data Collection	Registering Historic Sanborn Maps
ArcGIS API for JavaScript	Querying CRS Data in SQL
GeoMentoring and an Enterprise GIS	GeoMentoring and an Enterprise GIS
Kansas NG911 Ortho Imagery Program	Creating an Aguse Questionnaire
ArcGIS GeoEvent Processor/ Missouri's ARRA Broadband Structures	Using and Designing a Geodatabase