#KAM2023

is
*All in with
GIS!*

Schedule of Events
38ᵗʰ Annual Conference

Wichita Marriot

9100 E Corporate Hills Dr

Wichita, KS 67207

October 24-27, 2023

Conference Schedule Summary

Tuesday, October 24, 2023		
8:00 am – 9:00 am	Registration Desk open	Foyer
8:30 am – 4:30 pm	Python Primer for ArcGIS Pro	Salons A-C
9:00 am – 12:00 pm	GIS Response in an Emergency Operations Center Workshop	Salon 1
9:00 am – 12:00 pm	Kansas NG911 GIS Data Maintainer Workshop	Salon 2
12:00 pm – 1:00 pm	Registration Desk open	Foyer
1:00 pm – 4:00 pm	Introduction to ArcGIS Pro Workshop	Salon 1
4:00 pm – 5:00 pm	Registration Desk open	Foyer
Wednesday, October 25, 2023		
8:00 am – 5:00 pm	Registration Desk open	Foyer
8:00 am – 9:00 am	Continental Breakfast	Salons D-F
9:00 am	Opening KAM Business Meeting	Salons D-F
9:55 am	Keynote address	Salons D-F
10:45 am	GIO Update	Salons D-F
11:30 am	Lunch (Registration Desk closed)	Salons D-F
12:45 pm – 1:30 pm	Breakout sessions	Salon 1, Salon 2, Salons A-C
1:45 pm – 2:30 pm	Breakout sessions	Salon 1, Salon 2, Salons A-C
2:30 pm – 3:00 pm	Refreshment Break, sponsored by JEO Map Gallery opens	Salons D-F
3:00 pm – 3:45 pm	Breakout sessions	Salon 1, Salon 2, Salons A-C
4:00 pm – 4:45 pm	Breakout sessions	Salon 1, Salon 2, Salons A-C
5:00 pm – 6:00 pm	Past President and New Member Reception	Salon 1, Salon 2, Salons A-C
6:00 pm – 8:30 pm	Exhibitor Reception with beverages sponsored by BHC	Salons D-F
8:30 pm – 11:00 pm	Hospitality Room open	Room 217
Thursday, October 26, 2023		
8:00 am	Board Election Begins	Members should check email
8:00 am – 9:00 am	Continental Breakfast	Salons D-F
9:00 am – 9:45 am	Breakout sessions	Salon 1, Salon 2, Salons A-C
10:00 am – 10:45 am	Breakout sessions	Salon 1, Salon 2, Salons A-C
10:45 am – 11:15 am	Refreshment Break, sponsored by DRZ Trial Attorneys	Salons D-F
12:00 pm – 1:00 pm	Lunch (Registration Desk closed)	Salon D-F
1:15 pm – 2:00 pm	Breakout sessions	Salon 1, Salon 2, Salons A-C
2:15 – 3:00 pm	Breakout sessions	Salon 1, Salon 2, Salons A-C
3:00 pm – 3:30 pm	Refreshment Break, sponsored by Trekk Design Group	Salons D-F
3:30 pm – 4:15 pm	Breakout sessions Map Gallery closes	Salon 1, Salon 2, Salons A-C
7:00 pm – 10:00 pm	Evening entertainment with beverages sponsored by MAGIC	Salons D-F
10:00 pm – 12:00 am	Hospitality Room open	Room 217
Friday, October 27, 2023		
7:00 am – 8:30 am	Coffee	Salons D-F
8:30 am – 9:15 am	Breakout sessions	Salon 1, Salon 2, Salons A-C
9:30 am – 10:15 pm	Breakout sessions	Salon 1, Salon 2, Salons A-C
10:30 am – 11:15 am	Brunch	Salons D-F
11:15 am – 12:15 pm	Closing KAM Business Meeting	Salons D-F

2023 Exhibitors

Gold

teachmegis.com

esri.com/
government

www.surdex.com

eagleview.com

kwo.ks.gov

kansasgis.org

kdhe.ks.gov

baam.tech

agriculture.ks.gov

aerialservicesinc.com

www.pec1.com

www.360Document
Solutions.com

Silver

www.seilergeo.com

www.sam.biz

www.gisci.org

www.argis.com

Bronze

www.panda
consulting.com

Letter from the President

Dear KAM Conference Attendees,

Welcome to the 38th Annual Conference of the Kansas Association of Mappers! On behalf of the Executive Board and the Program Committee, I want to thank you for rolling the dice with us in Wichita. This is our main event, and we hope you find it a rewarding experience. My first KAM conference was in Wichita in 2012, where I made lasting connections and learned from my peers. I knew I wanted to continue to be a part of KAM from that first experience, and I was really happy we were able to return to Wichita this year.

Our program committee has dealt this conference a winning hand. I want to thank them for their hard work in putting this together. We have all breakout sessions filled with a variety of topics, a stellar keynote session, and exciting evening entertainment, all supported by your attendance and 19 sponsors! This is our second year in not having outside help, and please note that the registration desk will not be staffed at all times after Wednesday. If you need something, please find one of us from the executive board or from the program committee for assistance.

This has been a productive year for KAM. The board met six times. A vacant board position was filled on special committee recommendation. We had multiple members step up and join committees. Three newsletters were issued. Our annual scholarship was awarded to a student pursuing geography at a Kansas institution. We also participated in discussions on updating state statutes to accommodate State Plane 2022. The education committee has been active in providing multiple learning opportunities throughout this year. They arranged four lunch and learns, two virtual courses, and four pre-conference workshops. All of this (and more) has been done on a volunteer basis, which is part of the true power of KAM.

Whether this is your first time attending or you've attended before, I hope you enjoy your conference experience. We tried to build on the hot streak from the 2022 conference to make sure the odds are in your favor and that you will be able to take something home that is of use to you. I want to encourage each of you to up the ante and participate in the process. Meet new people. Sign up for committees. Ask questions. Share ideas. Engage. Make plans to meet up in the future. We're "All In For GIS" this year, and we're betting on you.

Joanna Rohlf

2022-2023 KAM President

KAM Program Committee: Erika Stanley (chair), Lee Allen, Wendy Duncan, Pam Dunham, Johnny Harley, Cara Mays, Ashley McKay, Amy Roust

KAM Executive Board: Amy Roust (Past-President), Drew Bean (President Elect), Tyler Wehr (Secretary), Wendy Duncan (Treasurer), Lee Allen (Director), Tyler Fleming (Director), Mark Schmidt (Director), Katie Goff (Director)

2023 KAM Board of Directors Candidates
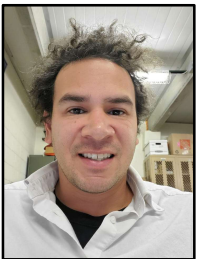
President-Elect (3-year term)

Mark Schmidt

Mark Schmidt is a GIS Analyst for Butler County, Kansas. He graduated from the University of Kansas with a degree in Atmospheric Science and minor in Geography and also received an Undergraduate Certificate in GIS. He worked as a GIS Technician in Omaha, Nebraska for gWorks maintaining and editing the GIS data for more than 40 counties in Nebraska, North Dakota, and South Dakota. He also maintained the e911 data for 15 counties in Nebraska before moving to Butler County, Kansas as a GIS Analyst. Now Mark is responsible for maintaining the NG911 data for Butler County along with structuring and developing applications for several departments within the County using ArcGIS Enterprise. His passion is combining meteorology with GIS and mapping to create applications to help people be more weather aware. Mark believes in sharing information, knowledge, and techniques with others and KAM is a great place where that can happen. By serving on the board, Mark hopes to keep KAM a place where new ideas and knowledge can be freely shared.

Secretary (1-year term)

Tyler Wehr

Tyler Wehr (We're) is a GIS Analyst for LAZ Parking beginning early 2022. His job is to evaluate all on- and off-street parking features managed by the KCMO Government and provide rate structure and location analysis to the program. Tyler has a Masters in GIS and has been a member of KAM for the last 5 years.

Treasurer (1-year term)

Wendy Duncan

I am from a farming family in southeast Kansas. My husband and I own Simmental Ranch in Paola, KS, where we raised our four children. Some hobbies of mine are traveling, photography and spending time with my family. I have been with Miami County for fifteen years; GIS Director for the last eight years. I have been a KAM Member since 2008. I appreciate the opportunity KAM gives members to stay connected as well as exchange ideas and provide valuable resources to other members.
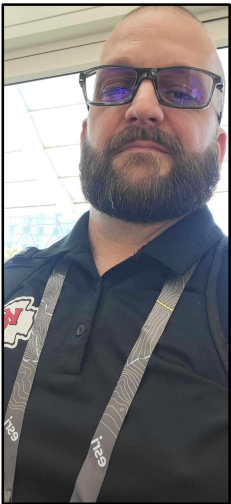
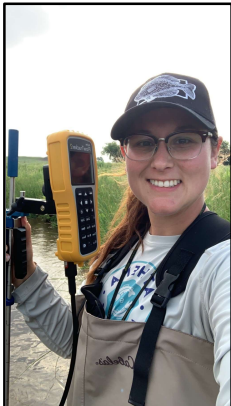**Director (1-year term)**

Katie Goff

Katie Goff is a GIS Coordinator within the Hydrology & Evaluation Unit at the Kansas Water Office (KWO). She graduated from the University of Kansas with a degree in Environmental Studies. Katie has been with the KWO since 2015. At the KWO, Katie focuses on utilizing GIS in a variety of ways to make data and water knowledge more understandable for the public.

Director (Two 2-year term)

Travis Brister

My name is Travis Brister, and this is my GIS story. I first got into GIS when I worked for the City of Wellington, KS, 8 years ago. I was very confused as to what GIS could do and relied on Google Maps for all my mapping needs. I was so wrong in that thought. ArcGIS opened a completely new world to my technical career. Since coming to the City of Winfield, I have deepened my knowledge, yet I still find it confusing and difficult. Always challenging me to learn new things and always gaining a new understanding of what GIS can do. I work for one of the best people I have ever had the pleasure of working with, Jerred Schmidt. He has expanded my knowledge of GIS and challenged me to learn everything I can about the GIS world. I work in MIS/GIS at the City of Winfield, focusing on both technologies and GIS. This has shown me how closely they both work together. We have implemented new software programs that encompasses the City entirely and has integrated GIS mapping into these programs. Allowing us to query down information to create new Dashboards our employees can access, and Dashboards Citizens will be able to access in the future. I am excited for the future of GIS. With the progression of AI, I can see it taking leaps and bounds of progress in the very near future. Also, LET'S GO CHIEFS!!!

Katlynn Decker

Katlynn Decker has been at the Kansas Department of Health and Environment (KDHE) for 2.5 years. She currently works in the Monitoring, Assessment, and Science Section in the Bureau of Water as an Environmental GIS Data Specialist. She helps each program within the section with all their geospatial needs, such as updating the Kansas Surface Water Register, completing watershed analyses, identifying potential Use Attainability Assessment sites, and creating maps for field work. Katlynn also assists the Harmful Algal Bloom Response team with data management, mitigation projects, and field work. She holds a BS in Earth Science and a MS in Physical Science from Emporia State University.

Steve Duryea

Steve is the Tribal Land Planner for the Prairie Band Potawatomi Nation. He is responsible for the Nation's land acquisitions, developing and executing the Nation's fee-to-trust applications, and maintaining the records of the Nation's land holdings. He also manages the Nation's GIS records and assists other departments with their GIS needs. He is familiar with ESRI programs, Trimble field collection equipment, and drone operations. He has been employed as the Tribal Land Planner since 2010 and he has been employed by the Nation since 2003. He has previously worked with the Kansas Rural Water Association mapping water and sewer systems and has assisted Jackson County and Nemaha County with their GIS needs. Steve has served in the US Coast Guard and is a graduate of Texas A&M University with a Bachelor of Science in Agribusiness. Steve is a licensed Remote Pilot. Steve is a native Kansan and lives on a small farm with his wife. He enjoys working with animals, traveling, and making wine.

Map Gallery

The fundamental vision of the Kansas Association of Mappers is to provide opportunities to exchange ideas and experiences, address common problems and concerns, obtain advice and technical help through networking, participate in specialized training and education, and gain recognition as qualified and competent mapping and GIS professionals.

In support of this vision, KAM sponsors a Map Gallery during its annual conference. KAM members are strongly encouraged to submit samples of their best work and be recognized for them. At the end of the conference, awards will be given based on a popular vote of the membership: 1st - 3rd for the best printed masterpiece and 1st - 3rd for the best digital masterpiece. The winners will be presented an award trophy, recognized during the closing business meeting, and have their names added to the Awards Gallery on the KAM website.

Wednesday, October 25, 2023	
2:30 pm	Map Gallery opens
Thursday, October 26, 2023	
3:30 pm	Map Gallery closes

Please note that we accept submissions to the Gallery until the start of the Opening Business Meeting at the conference on Wednesday morning.

To view the Map Gallery on a mobile device, scan the QR code on the left (below).

When you are ready to vote for your favorite entries, scan the QR code on the right. For badge ID, enter the code on your Grand Prize drawing ticket.

View Map Gallery	Vote for Map Gallery Awards

Evening Entertainment

Both evenings will feature a cash bar, serving both alcoholic and non-alcoholic drinks. In your attendee packet, you will receive two tickets for a complimentary beverage, courtesy of BHC and MAGIC. The tickets may be used either night. After you have used your tickets, you may purchase additional drinks at the bar at your discretion.

Food on both evenings is included in your registration.

6:00 pm – 8:30 pm, Wednesday, October 25, 2023

"Let's Make a Deal" Exhibitor Night

Start the evening off right with hors d'oeuvres and drinks while you mingle with our exhibitors. Be sure to pay close attention to what you learn and pick up at each booth. What you learn and collect will increase your odds of making a successful deal once the show begins!

Once you've had sufficient time to chat, we'll jump back in time to the 1960s! Our own version of Monty Hall will host the classic TV game show Let's Make a Deal. For those not familiar with the program, Monty selects contestants from the audience at random for the opportunity to be traders. To increase the likelihood that you'll be picked to play, we encourage you to come in costume and/or carry signs to get Monty's attention!

Each deal offered is unique. You might win a great prize, like some vendor swag, cash, or a gift card. But beware! Not all deals are good ones. The choice you make could turn out to be a Zonk, or bad prize. All we can promise is that, unlike the show, no livestock will be involved.

We'll take breaks between games to hear a word from our sponsors in the form of exhibitor lightning talks from our Gold, Silver, and Bronze-level sponsors.

7:00 pm – 10:00 pm, Thursday, October 26, 2023

Casino Night

Guests at Casino Night will be treated to hors d'oeuvres and drinks and may begin playing games at any time. Choose any table that interests you, and the dealer will give you 2,500 chips. Choose from:

- 3 Blackjack tables
- 1 Roulette table
- 1 Craps table
- 1 Texas Hold 'Em Bonus table
- 1 Casino War table

Play each game as long as you like. When you are ready to move to another table, the dealer will give you a voucher with your chip count. Give that to the dealer at the next table to claim your chips.

At the end of the night, the dealer at each table will write your final chip count on your voucher. You may trade that for raffle tickets: 1 ticket for every 5,000 chips. We will set up the prizes with bowls in front of them and give you sufficient time to place your raffle tickets as you please.

Charity Raffle

The spirit of KAM is rooted in collaboration and community building. With that in mind, the board of directors is pleased to sponsor a charity raffle as a fun way for its membership to collectively work together give back to the communities that host our annual conferences.

Raffle entries will be available for purchase at the registration desk from 8 am on Tuesday through 5 pm on Thursday, the week of the conference. You may also purchase tickets from the KAM store on our website. The drawing will be held at 8 pm during the social event and the winners must be present to claim their prize. Each entry is $1, or 6 for $5. For your convenience, we will be able to take debit, credit, cash or check this year. The lucky winner gets a prize to be announced!

This year's beneficiary is **Giving the Basics Wichita**. Giving The Basics aims to bring improved health, hope, and dignity to struggling children and adults through the procurement, fulfillment, and distribution of hygiene products.

Boozy Treats Basket   **Treats from Around the World Basket**

Keynote Speaker

The GIS Game Changer:

Inspiring a New Vision for Spatial Data in Government Operations

Juliana McMillan-Wilhoit

Embark on a journey to redefine the role of GIS within your organization, as we explore its potential to empower government operations, enhance collaboration, and deliver innovative solutions. In this presentation, we will discuss strategies for transforming the perception of GIS, demonstrating its value beyond traditional mapping functions, and illustrating its capacity to serve as the foundation for impactful projects. Attendees will learn how to create a strategic plan, secure executive sponsorship, and foster collaboration across departments. With real-world examples and a call to action, participants will be inspired to embrace the transformative potential of GIS and become game changers within their organization.

Juliana McMillan-Wilhoit is the President and COO of Flourish and Thrive Labs, a business transformation organization that delivers innovative, data-driven solutions to empower clients and drive positive change. As an accomplished geospatial leader, she has made significant contributions to the industry, earning her the Geospatial Rising Star award in 2022.

With a strong background in data analytics, geospatial data, and urban planning, Juliana is well-versed in a range of GIS software, including QGIS and Esri products. Her expertise in automation, product management, and training has positioned her as a leading authority in the geospatial community. As a passionate advocate for the field, Juliana uses her infectious personality to inspire and engage others, and she enjoys working closely with individuals through her proprietary coaching and career development program, "Map Your Future."

Outside of her professional life, Juliana is a new mom and proud wife, embracing the joys and challenges of balancing her career and family life.

Breakout Sessions

For breakout session abstracts, visit our website at https://kansasmappers.org/Breakout-Session-Topics

For speaker biographies, visit our website at https://kansasmappers.org/Speaker-Biographies.

WEDNESDAY	Salon 1	Salon 2	Salons A-C
12:45 pm - 1:30 pm	Rapid Responder - Putting Your NG911 Data in the Hands of Emergency Responders	Permit Mapping Automation & Application Development within ArcGIS Enterprise 11.1	The Sentinel GreenReport using Google Earth Engine
1:45 pm - 2:30 pm	Becoming a GISP: The Importance of Professional Certification in the Geospatial Community	Navigating Growth through GIS: A Small and Rapidly Growing City's Multifaceted Approach to GIS	Using Drone Remote Sensing to Advance Conservation in Kansas
2:30 pm - 3:00 pm	Break	Break	Break
3:00 pm - 3:45 pm	Finding you when you call 911: Caller location technology in Kansas	ArcGIS Pro: Tips and Tricks	Bridging Two Worlds: Integrating GIS and CAD
4:00 pm - 4:45 pm	Administrative Boundaries Data Committee: Panel Discussion and Forum	Real World Usage of Drone Technology in Local Government	Trends in Local Government GIS

THURSDAY	Salon 1	Salon 2	Salons A-C
9:00 am - 9:45 am	Building Your GISP Portfolio (Pt 1)	MicroElectroMechanicalSystems (MEMS) and NSRS 2022 update	Navigating the ArcGIS Pro Migration: A Case Study
10:00 am - 10:45 am	Building Your GISP Portfolio (Pt 2)	Statewide Contours Processing	Modernize Your ArcGIS Web AppBuilder Apps Using Experience Builder
10:45 am - 11:15 am	Break	Break	Break
11:15 am - 12:00 pm	USGS 3D Hydrography Program (3DHP): A New Model for the Nation's Hydrography	Enhanced Governance for Improving Spatial Data Quality	The ABCs of New Land Descriptions and Surveys
1:15 pm - 2:00 pm	Kansas NG911 GIS User Group	Changing the Landscape of Aerial Mapping: Swappable Remote Sensing Pods and the Economics of Modular	Location-Based On-Street Enforcement
2:15 pm - 3:00 pm	How to turn your field staff into data collection rock stars	Metaverse Mapping Matters	Mapping Floodplains from 2D BLE Models
3:00 pm - 3:30 pm	Break	Break	Break
3:30 pm - 4:15 pm	Using Python to Automate LOMC Processing for Web Mapping	ArcGIS For Microsoft 365: An Introduction	Does Kansas Need an ArcGIS Enterprise User Group?

FRIDAY	Salon 1	Salon 2	Salons A-C
8:30 am - 9:15 am	GIS Applications in Local and State Governments	Update on the GISCI: What's Happening and What's New	Safe Routes to School and Network Analysis in City of Lawrence
9:30 am - 10:15 am	Field-to-Office Data Options	How to find the best candidates for your organization	The Story of Water at the Missouri Department of Conservation and the new Hydrography and Wetland Mo

Continuing Education Tracker for: _____

Write your name at the top and have the moderator stamp each session you attend. Turn this sheet in at the registration desk at the end of the conference.

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9:30 am - 10:15 am	Field-to-Office Data Options	How to find the best candidates for your organization	The Story of Water at the Missouri Department of Conservation and the new Hydrography and Wetland Modelling: A model for the USA