WLIA 2018 Spring Regional Meeting

K	Keynote/Remarks	M	Meal/Networking	T	Meeting	P	Presentation	R	Programmatic Update	W	Workshop

MAY 30 • WEDNESDAY

2:00pm – 4:00pm	T	**WLIC Meeting** *Speakers: Adam Derringer*	Milwaukee Room

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MAY 31 • THURSDAY

8:00am – 9:00am		**Registration**	Lobby

9:00am – 12:00pm — W — **Get Started with Open Data - Hands on Workshop** *(Geneva 3)*

Speakers: Peter Gamberg

This workshop will focus on what constitutes an ArcGIS Online Open Data Site, best practices for sharing data through an Open Data Site, and best practices for customizing, or "branding", an Open Data Site. What you learn in this workshop will go a long way toward immediately improving the way in which you share data within your Organization and/or with the Public.

Duration: 3 hours, plus breaks
Resources needed: Laptop, ArcGIS Online Organizational account with Administrator rights
Prerequisites: Used ArcGIS Online before

Requirements: Laptop, ArcGIS Online Organizational account with Administrator rights

9:00am – 12:00pm — W — **Getting Started with Survey123! – Hands on Workshop** *(Geneva 2)*

Speakers: David Buehler, Adam Dorn, Dan Senner

The Survey123 workshop will focus on Survey123 Connect as the interface for designing, building, and deploying functional forms. During the workshop, you will design and build a form from the ground up starting simple and gradually increasing in complexity, and then deploy and use that form out in a variety of connected and disconnected environments. This workshop is designed with beginners in mind, but will cover some advanced topics such as service integration, lookup lists, relevant expressions, and automation techniques. A combination of lecture and hands-on activities will be used.

Requirements:
Laptop with Survey123, Survey123 Connect, Excel 2010 or greater
ArcGIS Online Account
A mobile device is preferable, but not required

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9:00am – 12:00pm — W — **Workflows for Analyzing Crash Data from the UW TOPS WisTransPortal** *(Geneva 1)*

Speakers: Steven Parker

The WisTransPortal, operated by the UW-Madison TOPS Laboratory, contains a complete database of Wisconsin crash data from 1994 through the current year. This database contains information on all police reported crashes in Wisconsin including the location of each crash, vehicles involved, and general crash attributes. Personal data have been removed. The TOPS Lab maintains the crash database for research purposes and as a service to the Wisconsin Department of Transportation (WisDOT).

User accounts to access the crash data through WisTransPortal online tools are available to WisDOT and other government agencies, Wisconsin RPCs and MPOs, and universities working on WisDOT sponsored projects. Crash data is also available upon request to anyone in the general public, including government, engineering consultants, media, law firms, non-profit organizations, and individuals. Consultants and other organizations working on WisDOT projects may also obtain account access and/or copies of crash reports to fulfill project requirements.

This workshop will cover workflows for analyzing crash data from the UW TOPS WisTransPortal. Specific topics that will be covered:

* Geocoding crash points
* Ranking intersections by accident count, type, severity, etc
* Analyzing trends time of day, day of week, month of year
* How the data is processed from the local officers to the statewide database
* Identify correlations between accident count/type and specific traffic control configurations

Requirements: TBA

11:00am – 12:00pm		**Registration**	Lobby
12:00pm – 1:00pm	M	**Lunch**	Geneva Club

Time		Session	Location

1:00pm – 1:30pm K **Local Official Welcoming Remarks and First Keynote** — *Geneva 2*
Speakers: Tyson Fettes, Jenny Trick
Jenny Trick, Executive Director of RCEDC, and Tyson Fettes, our Register of Deeds. GIS data and techniques were used by RCEDC to develop the maps that informed Foxconn and others about the land development opportunities available in Racine County. Their presentation will incorporate what GIS data and maps Racine County & RCEDC have developed to present to the various audiences that RCEDC reaches out to during the course of planning economic developments.

1:30pm – 2:00pm K **Second Keynote - Cultural and Historical Landscapes of Southern Wisconsin** — *Geneva 2*
Speakers: Rob Nurre
Along with his work as caretaker of the Man Mound outside of Baraboo, Rob will discuss some of the interesting stories to be told about determining the location of effigy mounds using obscure geographical descriptions and the potential for using more modern GIS techniques in ongoing efforts to care for these sacred sites.

The Lake Lawn area was the site of an extensive area of effigy and other burial mounds, some of which still exist. It was a large group described as containing as many a 100 mounds, but only 59 were described or mapped. Others were effaced before there were any significant efforts to document them.

2:00pm – 2:15pm R **WISE-Decade/Census Programs Update** — *Geneva 2*
Speakers: Tony Van Der Wielen

2:15pm – 2:30pm **Break** — *TBA*

2:30pm – 3:00pm R **NG911 Update** — *Geneva 2*
Speakers: Justin Conner, Chris Diller, Fred Iausly

3:00pm – 3:30pm P **VISION 2050: A Regional Land Use and Transportation Plan for Southeastern Wisconsin** — *Geneva 2*
Speakers: Ben McKay
Our proposed presentation would focus on VISION 2050, the advisory land use and transportation plan for the seven-County Southeastern Wisconsin Region. Three topics regarding VISION 2050 would be discussed, including land information used to develop VISION 2050, an overview of the recommended land use plan, and plan implementation.

Key regional inventories, including inventories of land use, natural resources, and park and open space sites, were some of the primary data sources used to develop the recommended land use plan. Our presentation will discuss how this land information was gathered and used in conjunction with parcel boundary data provided by the counties, comprehensive plans adopted by local and county governments, and sewer service area boundaries and population and employment projection data developed by the Commission.

We will also discuss the key VISION 2050 land use recommendations, including the recommended compact development pattern. Compact development has several benefits, including minimizing impacts on natural and agricultural resources, encouraging the development of walkable neighborhoods that support public transit service, and reducing the costs of local government infrastructure and new housing. Finally we will discuss plan implementation, which ultimately relies on the actions of local, county, State, and Federal units of government as well as the private sector. Comprehensive planning will be discussed as one opportunity for implementing VISION 2050 at the county and local government levels.

3:30pm – 4:00pm R **WROC 2020 Program Update** — *Geneva 2*
Speakers: Zachary Nienow
The Wisconsin Regional Orthoimagery Consortium is a grassroots multi-participant program for acquiring updated digital orthoimagery and elevation data across the state on regular intervals. Currently the consortium is building towards the next major update cycle in 2020. This update will focus on partnership efforts that are underway with local, state, and federal agencies, tribes, and utilities. We will review county participation status, discuss trends in orthoimagery pixel resolution, and go over derivative datasets that can be extracted from new aerial imagery. Lastly we will cover the importance of standardized orthoimagery accuracy specifications for regional and statewide datasets.

4:00pm – 4:30pm **Break** — *TBA*

4:30pm – 5:30pm T **LION Meeting (open to all)** — *Geneva 2*
Speakers: Brett Budrow

4:30pm – 5:30pm T **MUGG Meeting (open to all)** — *Geneva 1*
Speakers: David Buehler, Adam Dorn

6:00pm – 7:00pm M **Dinner** — *Great Room or Lookout Bar*

7:00pm – 8:00pm M **Networking Event: Pontoon Ride/Scavenger Hunt and Bonfire** — *TBA*
Enjoy a pontoon boat ride on lovely Lake Delavan and play the photo scavenger hunt following a dinner at the resort.
Teams will have 50 minutes to find and take pictures of certain items on Lake Delavan. Trade those photos in for cards and the best hand wins!
A bonfire may also be available.

JUNE 1 • FRIDAY

8:00am – 9:00am **Registration** — *Lobby*

8:00am – 9:00am	T	**SIG for Women in GIS** *Speakers: Jennifer Borlick, Kelly Felton*	TBA
9:00am – 9:30am	P	**Are you Prepared for a Dark Sky Day?** *Speakers: Colleen Hermans* The Dark Sky exercise is getting national attentional due to the scale and scope of the proposed disaster - a cyber and physical attack that takes down a large geographic area of Wisconsin's power grid. This results in massive power outages and severe fuel shortages over an extended period of time for both citizens and emergency personnel. I will discuss how GIS was incorporated during the Dark Sky exercise in mid-May, from providing analysis to decision-makers in the State Emergency Operations Center to how we share data and support local GIS staff in their county EOCs.	Geneva 2
9:30am – 10:00am	P	**Racine County 2017 Flood: Working with ESRI Disaster Response Program** *Speakers: Kimberly Christman* In July of 2017, southeastern Wisconsin experienced flooding that affected western Racine County. With the help of the ESRI Disaster Response Program (DRP), Racine County was able to help with the damage assessment and planning for recovery. This presentation will explain how Racine County got help from the ESRI DRP and how you can get help from this program.	Geneva 2
10:00am – 10:30am	P	**Demystifying the Petroleum Distribution System in Wisconsin** *Speakers: Megan Levy* Wisconsin's Office of Energy Innovation (OEI) is one of 56 federally recognized energy offices (all fifty states and 6 territories house an office dedicated to energy). Energy Offices were created as a response to the Oil Crisis of the 1970s and one of the core duties of these offices is tracking unregulated fuels, typically petroleum. Wisconsin's OEI works closely with industry to prepare for and respond to shortages of unregulated products. Understanding the complicated path that petroleum products take through our state (from crude oil to jet fuel) is key to understanding how to mitigate energy emergencies and respond effectively. This presentation will leave the participant with a greater understanding of the path of petroleum products through the state and the function of the Office of Energy Innovation in ensuring statewide access to fuels.	Geneva 2
10:30am – 10:45am		**Break**	TBA
10:45am – 11:00am	P	**GIS Integration in Walworth County's Nonmetallic Mining Reclamation Program** *Speakers: Fay Amerson* GIS, Energov, and Drones are used the Walworth County Land Conservation Division Staff to monitor 23 nonmetallic mining sites for compliance with reclamation requirements. Chris Rieck and Fay Amerson will share how these new tools assist their program, mining site operators and inform the public and elected officials.	Geneva 2
11:00am – 11:15am	R	**Legislative Update** *Speakers: Zachary Nienow*	Geneva 2
11:15am – 11:30am	R	**DOA Update** *Speakers: Jim Giglierano*	Geneva 2
11:30am – 11:45am	P	**Land Worth Protecting: Identifying Potential Conservation Easements in Northern Walworth County** *Speakers: Bill Huxhold* The Kettle Moraine Land Trust partners with land owners to preserve natural lands, primarily in Walworth County. This project helped the KMLT by identifying potentially significant conservation sites. The project incorporated the needs and wishes of community residents to evaluate and determine the best sites for conservation. More protected natural areas and parks provide citizens with a better choice of outdoor recreation opportunities and enhanced quality of life. Natural areas provide life-long learning experiences and shape healthy communities.	Geneva 2
11:45am – 12:00pm	K	**Closing Remarks** *Speakers: Eric Damkot*	Geneva 2
12:00pm – 2:00pm	T	**WLIA Board Meeting**	Geneva 1