

# FALL REGIONAL MEETING AGENDA

The following list of presentations is preliminary and subject to modification prior to the final program publication.

**Thursday, Oct. 29**

**MEMBERS:** A table adjacent to registration will be available for displaying advertising materials (pamphlets, brochures, flyers, cards, etc.) during the Fall Regional Meeting. Please drop off these materials when you register for the event.

**8-9 a.m.**

## Registration

**9-9:15 a.m.**

## Opening Remarks

**Adam Derringer, WLIA President**

**9:15-9:45 a.m.**

## Starting a Conversation About Open Data in Wisconsin

**Jim Giglierano, Wisconsin Geographic Information Officer, Wisconsin Department of Administration**

As a new person to the state, I am learning to appreciate the deep history, substantial investment and ongoing efforts of the Wisconsin land information community to build high quality geospatial data for their programs and citizens. While data sharing, open data and public access are not new subjects to the community, I would like to share some perspectives and examples from other places, notably Iowa where I helped develop return on investment metrics for a statewide geospatial infrastructure. While many of you may be personally in favor of open data policies, you may have had difficulties convincing others, particularly management that open data has good benefits for your organization, communities and citizens. This session is aimed at helping you start that discussion.

**9:45-10:15 a.m.**

## Wisconsin's Role in Building the National Spatial Data Infrastructure (NSDI)

**Chris Diller, GIS Coordinator, Wisconsin Department of Military Affairs**

Version 1 of the Statewide Parcel Map Initiative is now complete. So what does this mean from a regional and national perspective? Why should WLIA members care about national activities? This presentation will review activities of other states, what they are doing with regards to publishing parcels and other data initiatives like imagery, LIDAR and address points. Also to be covered will be technology trends around the country, where states stand on data access, Next Generation 9-1-1 and a variety of important issues impacted by geospatial data and technology. Lastly a brief update on the Digital Coast Act and National Geospatial Data Act legislation will be provided and why Wisconsin GIS professionals should be supporting these two pieces of legislation.

**10:15-10:30 a.m.**

## Break

**10:30-11:30 a.m.**

## Disaster Response and Incident Mapping – BYOD

**Jay Riester, Senior Mapping Support Technician and Gale Shea, Mapping Sales Representative, Seiler Mapping**

As more organizations deploy cloud-based data collection software platforms, such as ArcGIS Collector or Trimble's TerraFlex cloud solution, the Trimble R1 plays an important role to enable workers to use familiar smart devices while obtaining positioning data with the needed reliability and precision. The Trimble R1 is a versatile GNSS receiver that seamlessly works with Trimble TerraFlex, Collector for ArcGIS and custom built GIS applications. This session will focus on the Trimble R1 GNSS receiver, along with examples of ArcGIS Collector and TerraFlex datasets on a smartphone for data sharing and data collection practices.

## WLIA REGIONAL MEETING

**BEST WESTERN PREMIER WATERFRONT HOTEL & CONVENTION CENTER, OSHKOSH, WI**

**OCT. 29-30, 2015**



Thursday, Oct.29

11:30 a.m.-12 p.m.

**What Else Can I Do With My Imagery and LiDAR? Part A****Matt Vinopal, Geospatial Supervisor, Ayers**

Quality orthoimagery and LiDAR data is a major investment for any organization whether it is a tribe, a company, and municipality, or a county. While both datasets are critical base layers of information for decisions and discovery in organizations, what if more could be done with them? This presentation will discuss derivatives of these datasets that not only show your administrators a ROI but also give you options to access to products you never had.

12-1 p.m.

**Lunch (included)**

1-1:30 p.m.

**What Else Can I Do With My Imagery and LiDAR? Part B****Matt Vinopal, Geospatial Supervisor, Ayers**

Continued

1:30-2:30 p.m.

**Statute Changes, Municipal Boundary Collection and WISE-Decade Updates****Tony J. Van Der Wielen, GIS Manager and staff, Legislative Technology Services Bureau**

The Legislative Technology Services Bureau's proposed statute changes have now been signed into law. During this session we will explain the statute changes that will go into effect on Jan. 1, 2016. These changes include collection of municipal ward boundaries on January 1st, and July 1st of every year from each of Wisconsin's 72 counties. These changes also allow LTSB to submit municipal boundaries on behalf of the state to the Census Bureau. To assist counties fulfill the new statutory requirements the LTSB has developed the WISE-Decade software platform. The software platform includes the Consolidated Boundary and Annexation Tool (CBAS) and the Wisconsin Shape Editor for Local Redistricting (WISE-LR). We will demo the WISE-Decade software platform and talk about future enhancement to the platform.

2:30-2:45 p.m.

**Break**

2:45-3:15 p.m.

**An Approach to Address Parsing and Data Standardization****Codie See, Program Specialist, Wisconsin State Cartographer's Office**

Maintaining fully parsed address elements in your database can be one of the most beneficial steps toward achieving quality and consistency in addressing. Parsed address elements also serve a preparatory step in modeling an address toward NG9-1-1 supporting formats such as the FGDC address standard. In this talk, we'll take a look at the approach we've used for parsing site addresses for the V1 Statewide Parcel Map, the role regular expressions played in this approach, and will unveil a suite of (free) ArcPy tools that can help you parse addresses, standardize field values, and achieve other tasks.

**WLIA REGIONAL MEETING**

**BEST WESTERN PREMIER  
WATERFRONT HOTEL &  
CONVENTION CENTER,  
OSHKOSH, WI**

**OCT. 29-30, 2015**

**WISCONSIN  
LAND INFORMATION  
ASSOCIATION**

**Thursday, Oct.29****3:15-4 p.m.****The Geography of Policing****Adam Dorn, GIS Administrator, City of Oshkosh**

This presentation explores several recent GIS projects involving the Oshkosh Police Department. We will highlight how GIS can enhance the existing law enforcement practices and in some cases help refine new ones. These enhancements directly influence community engagement, accountability to community partners, officers' understanding of individual neighborhoods, and operations to find missing children. The individual projects are our dynamic Team Policing - Reporting Area Map, Neighborhood Reporting Area Maps, Command and Community Outreach Vehicle Activities Map, and most recently assisting with the development of the Winnebago Countywide Child Abduction Response Team (CART).

**4-4:30 p.m.****Break****4:30-5:30 p.m.****LION Meeting****THURSDAY EVENING EVENT****6:30-8:30 p.m.****Social Night**

Bowling at REVS Bowl (includes 2 games, pizza and soda)

**WLIA REGIONAL  
MEETING****BEST WESTERN PREMIER  
WATERFRONT HOTEL &  
CONVENTION CENTER,  
OSHKOSH, WI****OCT. 29-30, 2015****WISCONSIN  
LAND INFORMATION  
ASSOCIATION**

**Special thanks to AYRES Associates  
for sponsoring the WLIA Fall Regional Meeting**

**AYRES  
ASSOCIATES**

# FALL REGIONAL MEETING AGENDA

The following list of presentations is preliminary and subject to modification prior to the final program publication.

## FRIDAY, OCT. 30

**MEMBERS:** A table adjacent to registration will be available for displaying advertising materials (pamphlets, brochures, flyers, cards, etc.) during the Fall Regional Meeting. Please drop off these materials when you register for the event.

### 8-8:30 a.m.

## Registration

### 8:30-9 a.m.

## Washington Island in Door Co and its Land Tenure History

**Will Craig, Associate Director Emeritus, University of Minnesota CURA (Center for Urban and Regional Affairs)**

The US government acquired all Wisconsin land by winning the Revolutionary War. Strategic needs and financial shortfalls pushed the government to transfer those public lands to private ownership. Land sales (\$1.25 per acre) and homesteads were two of the transfer vehicles, but many others existed. Much data about the dates, methods, and original patent owner is available on a federal website, but other data is only available from the state Board of Commissioners of Public Land or at the local county register of deeds office. A case study of Washington Island, Door County, will demonstrate successful acquisition and mapping of that data.

### 9-9:30 a.m.

## Cloud-Based Application Development for Online Inspection Reporting by Untrained and Involuntary Users

**Jeff M Mazanec, Senior Project Manager, R.A. Smith National, Inc.**

This presentation describes development, implementation and operation of a web-based application designed to meet specific criteria for cloud-based administration of active construction site erosion and sediment control inspections. The presentation will discuss the goals of the application, specific technical criteria and specific functional requirements for successful use. Live or screen shot examples of how the application meets those criteria will be presented along with an overview of the results and lessons learned from several years' use by hundreds of (mostly untrained) users recording over 56,000 inspections. Discussion will also take a look at design decisions along the way to address user input and flexibility versus hard-coded structure and how those decisions have supported spin-off applications without program modification.

### 9:30-10 a.m.

## School District Boundaries: 2016 Improvement Project

**Melanie McCalmont, ED Facts Coordinator and Business Analyst, Wisconsin Department of Public Instruction**

The Wisconsin Department of Public Instruction (DPI) is partnering with other state agencies in 2016-17 to improve the school district boundary statewide layer. Learn about the many ways that district boundaries are critical to finance, legislative, education, community services, and data science. Demonstration of how boundary numbering is established and controlled, plus time to discuss the statewide parcel fabric and district attributes.

### 10-10:15 a.m.

## Break

## WLIA REGIONAL MEETING

**BEST WESTERN PREMIER WATERFRONT HOTEL & CONVENTION CENTER, OSHKOSH, WI**

**OCT. 29-30, 2015**



**WISCONSIN LAND INFORMATION ASSOCIATION**

FRIDAY, OCT. 30

10:15-10:45 a.m.

## The Impact of Historic Relief Models on Today's Data Science

**Melanie McCalmont, Independent Geographer, Dane County**

The University of Wisconsin has the best set of historic relief models in the U.S. These 3D models were created at the dawn of data science from 1875-1945, a time when both government and private organizations were starting large-scale data collection of land and communities. Relief models provided the first realistic aerial view of the world — 40 years before airborne photography and 100 years before space imagery. This talk will showcase the UW set of relief models and cover the impact geovisualization had on the public understanding of new science and government projects, including military use of land models that continues to this day.

10:45-11:15 a.m.

## Building a Statewide LiDAR Program

**Jim Giglierano, Wisconsin Geographic Information Officer, Wisconsin Department of Administration**

Getting LiDAR for your county or community is a big accomplishment. The local return on investment benefits are real and tangible. More benefits will accrue when the pieces are assembled into watersheds, floodplains and landscapes. Currently, the U.S. Geological Survey is making funds available that will help get complete coverage for the state. We will discuss how to introduce more coordination and collaboration into future LiDAR planning efforts, and hopefully move everyone forward together.

11:15 a.m.-12 p.m.

## Winnebago County and the Pursuit of a Centralized Data Management Environment

**Dean Kaderabek, GIS Systems Analyst, Winnebago County**

The last four years in Winnebago County have seen three (3) system migrations for Real Property/Treasurer, 911, and GIS to a data model that simplifies data management, provides more access to current information, supports interoffice workflows, increases staff productivity, and provides a platform for business specific solutions. This presentation will give a brief overview of the issues and challenges each migration encountered.

12:30 p.m.

## WLIA Board Meeting

The next WLIA meeting is the Annual Conference, held on Feb. 10-12, 2016 at the Osthoff Resort in Elkhart Lake, WI.

## WLIA REGIONAL MEETING

BEST WESTERN PREMIER  
WATERFRONT HOTEL &  
CONVENTION CENTER,  
OSHKOSH, WI

OCT. 29-30, 2015



WISCONSIN  
LAND INFORMATION  
ASSOCIATION

# FALL REGIONAL MEETING AGENDA



## BEST WESTERN PREMIER WATERFRONT HOTEL & CONVENTION CENTER

1 N. Main Street  
 Oshkosh, WI 54901  
 855-230-1900 or 920-230-1900  
<http://oshkoshwaterfronthotel.com>

## WLIA REGIONAL MEETING

**BEST WESTERN PREMIER WATERFRONT HOTEL & CONVENTION CENTER, OSHKOSH, WI**

**OCT. 29-30, 2015**

**TO REGISTER:** Please go online to register at [www.wlia.org/fall-regional-meeting/](http://www.wlia.org/fall-regional-meeting/) or fax: 715-366-4501 or email [abarrett@uniontel.net](mailto:abarrett@uniontel.net) to register for the Regional Meeting, Oct. 29-30, 2015.

**LODGING RESERVATIONS:** Room rates: \$82 single or \$99 double. Reserve your room by calling 855-230-1900 or 920-230-1900 and mention you are with the WLIA group for that rate.

**FOR DIRECTIONS TO BEST WESTERN PREMIER WATERFRONT HOTEL & CONVENTION CENTER:**  
<http://oshkoshwaterfronthotel.com>

## SOCIAL NIGHT

**REVS BOWL BAR GRILL**  
 275 N Washburn St.  
 Oshkosh, WI 54904



# FALL REGIONAL MEETING AGENDA

## REGISTRATION FORM

NAME \_\_\_\_\_ TITLE \_\_\_\_\_

ORGANIZATION \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_ COUNTY \_\_\_\_\_

PHONE \_\_\_\_\_ FAX \_\_\_\_\_

EMAIL \_\_\_\_\_

<b>Thursday and Friday, Oct. 29-30</b>	<input type="checkbox"/> \$95 Member	<input type="checkbox"/> \$110 Non-Member	<input type="checkbox"/> \$15 Student
<b>Thursday, Oct. 29</b>	<input type="checkbox"/> \$65 Member	<input type="checkbox"/> \$75 Non-Member	<input type="checkbox"/> \$10 Student
<b>Friday, Oct. 30</b>	<input type="checkbox"/> \$35 Member	<input type="checkbox"/> \$40 Non-Member	<input type="checkbox"/> \$10 Student
<b>Networking/Social Night — Bowling at REVS Bowl</b>	<input type="checkbox"/> \$25 Member	<input type="checkbox"/> \$35 Non-Member	<input type="checkbox"/> \$25 Student

### PAYMENT OPTIONS

Please make check payable to WLIA; and mail to WLIA, P.O. Box 389, Wild Rose, WI 54984 or pay by credit card:

### CREDIT CARD

Fill in information, mail to WLIA or fax to: 715-366-4501:  Visa  MasterCard  American Express

Cardholder Name \_\_\_\_\_

Credit Card Billing Address \_\_\_\_\_

Number \_\_\_\_\_ CVV No. \_\_\_\_\_ Exp. Date \_\_\_\_\_

Signature \_\_\_\_\_

Amount \$ \_\_\_\_\_

**Cancellations: You may cancel by Thursday noon, Oct. 21, 2015 for a full refund. After Oct. 21 there are no refunds.**  
**Questions? Contact Ann Barrett at 800-344-0421 or [abarrett@uniontel.net](mailto:abarrett@uniontel.net)**

WLIA may record or tape presentations at this meeting. You may be recorded and this may be publicized.