



# 2022 WLIA FALL REGIONAL MEETING

BLUE HARBOR RESORT | SHEBOYGAN, WI

OCTOBER 26 - 28, 2022

## WEDNESDAY, OCTOBER 26, 2022

|                         |   |                              |
|-------------------------|---|------------------------------|
| <b>2:00pm - 4:00pm</b>  | Wisconsin Land Information Council (WLIC) Meeting | Lakeview Room                |
| <b>6:30pm - 7:30pm</b>  | Pizza Buffet Dinner <i>(joint with WRDA)</i>      | Peninsula Room & Island Room |
| <b>7:30pm - 11:00pm</b> | Bonfire & S'mores <i>(joint with WRDA)</i>        | Island Lawn Bonfire Area     |

## THURSDAY, OCTOBER 27, 2022

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|------------------------|--|--------------------------------------|
| <b>8:00am - 9:00am</b> | WLIA Registration<br>Breakfast <i>(joint with WRDA)</i>  | Conference Lobby<br>Lakeside Terrace |
| <b>9:00am - 9:05am</b> | Opening Remarks<br><i>Zach Nienow, WLIA President</i><br><i>Grace White, WLIA Fall Education Chair</i>   | Salon BCD                            |
| <b>9:05am - 9:15am</b> | Welcome to Sheboygan<br><i>Mayor Ryan Sorenson, City of Sheboygan</i>  | Salon BCD                            |
| <b>9:15am - 9:45am</b> | Wisconsin Historic Aerial Imagery: Past, Present, and Future<br><i>Jim Lacy, State Cartographer's Office</i><br><i>Jaime Martindale, Robinson Map Library</i><br><p>The State Cartographer's Office (SCO) and Robinson Map Library (RML) at UW-Madison have worked together for nearly 50 years to catalog and make historic aerial photography available to the general public. Since 2010 our "Wisconsin Historic Aerial Imagery Finder" (WHAIFinder) web app has become widely known as a source of free, scanned air photos from the late 1930s. Fast forward to the present day, what about the other 220,000+ physical photographs held by the Robinson Map Library? Scanning and indexing that volume of information has been beyond our capability, so we are taking a new approach. Thanks to a new effort happening at the federal level, we are acquiring 1950s and 60s digital imagery scanned from the original film. Similarly, we plan to acquire additional eras of imagery as they become available. In addition to making these single-frame, non-georeferenced photos available to the general public via an updated WHAIFinder app, we would like to get these data into the hands of city and county governments around the state. In doing so, we hope this will accelerate the availability of GIS-ready historic imagery products. In this talk we'll describe our efforts in more detail.</p> | Salon BCD                            |

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**9:45am - 10:15am**

**Bringing Historic Aerial Photography Datasets into the Digital Age**

*Salon BCD*

*Aaron Sale, Ayres*

How can we utilize aerial imagery acquired decades ago now that aerial imagery acquisition, processing, and viewing now exists in a nearly total digital medium? This presentation will examine where and how to gather historical imagery, as well as the methods and processes used to produce a fully georeferenced image mosaic of a county-wide dataset that can be utilized in today's map viewers.

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**10:15am - 10:45am**

**Research, Field Work, & Technology for Historic Preservation**

*Salon BCD*

*Felipe Avila, Wisconsin Historical Society*

The Wisconsin Historical Society is tasked with preserving and protecting the unique cultural heritage of this state. To facilitate these efforts, archaeologists have three primary tools. Research and Field Work have been partnered for many years, while Technology has generally been an afterthought. With wider spread use of GIS software, aerial imagery and LiDAR, vast sources of information have opened up new avenues that enable us to understand our past. This talk will look at old methods, new methods, and the results from when all three are used together.

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**10:45am - 11:30am**

**Sheboygan County GIS Projects**

*Salon BCD*

*Nathan Fazer, Sheboygan County*

Sheboygan County will discuss several projects it is currently undertaking, including a county-wide hydro update, Esri Deep Learning, drone mapping, the Esri Community Maps Program, and NG911. Hear about: the pros and cons with updating the County hydro layer and how the update will be done; how Esri's Deep Learning tools can create building footprints, land cover, and more, as well as some tips and tricks; how the County is expanding drone use, including 3D mapping of the County Veterans Memorial; how the County is sharing local data with Esri's CMP for inclusion in Esri basemaps; the County's plan for NG911 and migrating to the Pro Addressing Solution.

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**11:30am - 12:00pm**

**RFID and GIS – Linking Technologies for Better Asset Management**

*Salon BCD*

*Mike Klonsinski, Bernsten International*

*Sumukh Ramesh, Berntsen International*

RFID is the fastest growing asset identification technology in the world and an enabler of IoT. Berntsen International will present how RFID can be deployed on infrastructure assets and connect to GIS to improve field asset management operations. The presentation will feature sample RFID marking products, InfraMarker RFID software for ArcGIS, and potential solutions for public works.

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**12:00pm - 1:00pm**

**Lunch (joint with WRDA)**

*Salon EFG*

**50/50 Raffle**

- Help support the WLIA Foundation! The mission of the WLIA Foundation, Inc. is to provide educational opportunities, materials, and scholarships that further promote the development and use of integrated land information systems.

**WLIA Committee Updates:**

- Communications
  - Education
  - Legislative
  - Membership & Outreach
  - Nominations & Scholarships
  - Technical
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## WLIA / WRDA Joint Sessions

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|-------------------------|---|---|
| <b>1:15pm - 2:00pm</b>  | <b>Racially Restrictive Covenants in Wisconsin</b><br><i>Heather Godley, Case High School / People Advocating for Greendale Equity</i><br>This presentation will explore the history of racially restrictive covenants in Wisconsin and briefly address ways that other communities can identify covenants through their own county governments. The presentation will discuss the process by which a number of municipalities and counties have formally repudiated these covenants in recent years, provide models, and explore ways that community groups can be involved in this process. Finally, the presentation will address why this history is important to know and discuss, particularly because of its continuing impact on our communities and the way that it can help bring together communities in a shared commitment to addressing the continued effects of segregation today. One opportunity that will be discussed is by spotlighting educational efforts to teach this curriculum in high schools. Divided by Design's curriculum helps students explore the policies and practices from the municipal to federal level that created segregation in Milwaukee County, its effects on individuals and communities in the past and present, and ways that students can take part in working toward a better future for everyone. | <i>Salon A</i>                                      |
| <b>2:00pm - 3:00pm</b>  | <b>Panel - Racial Inequity in Wisconsin's Recorded Documents</b><br><i>Steven Kroll, Milwaukee County Register of Deeds</i><br><i>Kathleen Bach, Milwaukee County Land Information Office</i><br><i>Heather Godley, Case High School / People Advocating for Greendale Equity</i><br>This panel will discuss how Register of Deeds offices handle public records related to racial inequities. What are the roadblocks and limitations that ROD offices face? How have these documents been indexed over time? Are there any software providers developing a way to index the racial covenants? If researchers want to investigate racial covenants in a community, do Wisconsin laws affect the dissemination of these documents? All these questions and more will be explored. Please come with questions!   | <i>Salon A</i>                                      |
| <b>3:00pm - 3:30pm</b>  | <b>A Brief on Sauk County Land Records Coordination</b><br><i>Brent Bailey, Sauk County Register of Deeds</i><br><i>Kelly Felton, Sauk County Land Information/GIS</i><br><i>Joe Fleishmann, Sauk County Land Information/GIS</i><br>This presentation will give an overview of how Sauk County has created and maintained their land records services. They will discuss how their Register of Deeds, GIS, Real Property and related offices have coordinated their work practices, developed working relationships, improved interdepartmental understanding, while focusing on providing better customer service through their online resources.   | <i>Salon A</i>                                      |
| <b>3:30pm - 4:00pm</b>  | <b>Adventures in Data Sharing: Past, Present, and Future</b><br><i>Emily Champagne, Milwaukee Metropolitan Sewerage District</i><br><i>Kevin Bruhn, GIS &amp; Land Information Office at Milwaukee County</i><br>The ability to share geospatial data and collaborate on projects has become easier with new technology and software solutions. However, there is always more to the story to facilitate data sharing. In this presentation Milwaukee County and MMSD will discuss past, current, and future cooperative efforts focusing on successes and lessons learned.   | <i>Salon A</i>                                      |
| <b>4:00pm - 5:00pm</b>  | <b>Land Information Officers Network (LION) Meeting</b>   | <i>Salon BCD</i>                                    |
| <b>4:00pm - 5:30pm</b>  | <b>WRDA Exhibitor Reception</b>   | <i>Salon EFG</i>                                    |
| <b>6:00pm - 7:00pm</b>  | <b>Dinner</b> <i>(joint with WRDA)</i>  | <i>Salon A</i>                                      |
| <b>7:00pm - 9:00pm</b>  | <b>Silent &amp; Live Auction</b> <i>(joint with WRDA)</i>   | <i>Salon A</i>                                      |
| <b>9:00pm - 11:00pm</b> | <b>Bonfire &amp; S'mores</b> <i>(joint with WRDA)</i>   | <i>Lakeside Terrace Lawn</i><br><i>Bonfire Area</i> |

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## FRIDAY, OCTOBER 28, 2022

|                          |   |  |
|--------------------------|---|--|
| <b>8:00am - 9:00am</b>   | <b>Registration<br/>Breakfast</b>   | <i>Conference Lobby<br/>Lakeside Terrace</i> |
| <b>9:00am - 9:15am</b>   | <b>Welcome and Opening Remarks</b><br><i>Zach Nienow, WLIA President<br/>Grace White, WLIA Fall Education Chair</i>   | <i>Salon A</i>                               |
| <b>9:15am - 10:00am</b>  | <b>A Phased Approach to NG9-1-1 Cleanup</b><br><i>Erin Strickler, Cloudpoint Geospatial</i><br>Large projects can be daunting, and preparing GIS data for the NG9-1-1 transition is no exception. In this conversation, we'll discuss a way to break the whole transition into manageable phases and lay out the requirements and steps within each phase. You'll walk away with the tools you need to help your organization make decisions about how and when to complete each phase.   | <i>Salon A</i>                               |
| <b>10:00am - 10:15am</b> | <b>WISE-Decade BAS Collection Tool: Future Changes</b><br><i>Zach Robinson, Legislative Technology Services Bureau</i><br>LTSB will discuss the WISE-Decade BAS Collection tool used for collecting municipal boundary changes. This will include a high level overview of the application and discussion for future improvements.  | <i>Salon A</i>                               |
| <b>10:15am - 10:30am</b> | <b>BREAK</b>  |  |
| <b>10:30am - 11:00am</b> | <b>You can't have GeotourISm without GIS!</b><br><i>Eric W. Fowle, Niagara Escarpment Resource Network</i><br>In June of 2022, the Niagara Escarpment Resource Network, a partner program of the Lakeshore Natural Resource Partnership, launched the first formal geotourism program for Eastern Wisconsin's Niagara Escarpment corridor, the WI-LEDGE Geotourism Program. Historically, GIS has been a critical tool for understanding this dynamic and globally significant geologic and landscape feature, but now; it is equally important to utilize GIS for promotion of the corridor as an economic resource with untapped potential for sustainable tourism. | <i>Salon A</i>                               |
| <b>11:00am - 11:45am</b> | <b>Wisconsin Sea Grant Geospatial Projects</b><br><i>David Allen Hart, Wisconsin Sea Grant</i><br>The Wisconsin Sea Grant has a portfolio of geospatial projects. They include the coastal atlas, an enhanced coastal public access inventory, geodesign for green stormwater infrastructure, a couple coastal resilience planning & decision tools, and place-based learning activities called Great Lakes Quests.   | <i>Salon A</i>                               |
| <b>11:45am - 12:00pm</b> | <b>Closing Remarks</b>  | <i>Salon A</i>                               |
| <b>12:00pm - 2:00pm</b>  | <b>WLIA Board Meeting</b>   | <i>Lakeview Room</i>                         |