



IGIC Coordinators Support Group Meeting (Minutes)

November 8, 2023, 10 am – 11 am

Attendees: Jeannine Roe IDOA, Jeff Motz, Ted Rutherford, Steve Hook, Ben Bond, Jill Sprague, Marianne Cardwill, Mattie Lehman, Joan Keene, Angie Gibson, Marc Watson, Tim Lacy, Valli R

Agenda:

- 1) Welcome new first-time attendees—went around and had everyone introduce themselves. Some new attendees present. Joan encouraged attendees to participate with IGIC's Waters Workgroup or the Data Sharing Committee.

- 2) What was discussed last month—

Recapped the IGIC Forum: received good feedback. Consider the following: having a utilities breakout session; pairing people with their specialties; and sharing breakout session notes.

Discussion topics included: moving to pro geometrical networks; print tools in pro; migration to Parcel Fabric and other related questions (Elkhart Co. hired Sidwell to design parcel fabric); Arina (Monroe Co.)—new attendee; MS4 stormwater questions (contact IDEM); Urial—how to transform GPS altitude to real world (3.5 feet discrepancy).

- 3) Experience Builder success—Jeff Motz shared information on some web applications he's been working on in Experience Builder. He performed a demonstration on the 2 Kayak Trail Challenge (DNR) web app designed for mobile use. The Indiana Oil and Gas Well Records Viewer—many generations of information to access such as scanned documentation. Question: How did you link your scanned docs? Used similar principle of related records to features. Mentioned a new tool called Analysis Widget which provides a way to use geoprocessing tasks (processing analysis consumes credits!).

Question regarding working with clients in a secure environment—Collaboration is one means of sharing data between your organization's Portal and AGOL securely.

Jeannine Roe—requested more information from Jeff about what he's done with Experience Builder. Jeff's contact: jmotz@dnr.in.gov | Jeff Motz IN DNR

Ben—provided some web application design thoughts—design from a mobile-first stance if you don't know your audience. People expect things to be useable on a mobile device these days.

Joan—what to keep in mind with working with Experience Builder. Shared info about their new map viewer. Received good feedback. They are having issues working with the built-in scale bar

—the scale bar which is located in the lower left corner is not customizable nor intuitive. They started with an out-of-the-box template. One is not able to make changes to the units, etc. Also, there's no way to customize your URL located in the Address bar, unless you use the Developer Edition. We are limited to various sub widgets prebuilt into the templates in Experience Builder. ESRI will be working on these issues.

Mattie—Starting to use the Enterprise Experience Builder and asked if anyone is too? Joan, yes—but moved to AGOL environment due to all the new functionality available in AGOL. The Enterprise environment only receives updates when you upgrade the Enterprise software, where AGOL is constantly being updated. Question: How is data fed into AGOL maps? Joan—using collaboration tools to share info, which helps to make your data secure.

Ben—Licensing may be an issue with hosting data on your Portal, but using AGOL to host the apps.

Jeff—made a good analogy between the differences with AGOL and Portal—AGOL is like having a landlord—they provide the living quarters and are responsible for updates. Portal is like owning your own house—you are responsible for providing your own living quarters and upkeep.

4) Web Application design discussion

Future Topic: Working with Collaboration in AGIS Online (AGOL)

Future Topic: Optimizing web App services design (presentation)

Joan shared that Phill Worrall is working on a presentation using IndianaMap layers in web apps. He will be presenting at a future Ortho Imagery Workgroup meeting scheduled for Tuesday, Nov. 21st at 11 am.

Ben—shared how you take a performance hit when dealing with data transformations. Ortho tile caches overlaid with layers using another coordinate system (projection) requires an on-the-fly transformation. It's best to stick to one projection for all layers and cached imagery within your web app.

Marianne—state ortho layers and imagery services—having performance issues. This is a known issue and the State Geographic Information Office is trying to resolve this issue with ESRI. Unfortunately, this is an issue with ESRI's cloud services handling imagery services—too many requests!

Upcoming Stuff:

- 1) State of Indiana's GIS Day is Wednesday, November 15, 2023, 8:30am to 3:30pm.

Participate in our celebration of Geographic Information Systems (GIS) in the State of Indiana, and beyond. GIS is a set of tools, data, and people that gather, analyze, and visualize spatial data (maps!) to help us make better decisions. The Indiana Geographic Information Office's GIS Day will focus on helping others learn more about geography and the real-world applications of GIS

that help make a difference. GIS day is our opportunity to celebrate the achievements of the GIS community in Indiana, and more broadly. This is our chance to share accomplishments and inspire others to use GIS!

The event is **free** and will take place in the Indiana Government Center South Building Atrium (located at 302 W Washington St, Indianapolis, IN 46204). Lunch will be included, courtesy of Sanborn, and sessions will focus on GIS Implementation, Technical Practice in GIS, and GIS Innovations in Indiana and elsewhere.

- 2) 2024 Annual Indiana GIS Conference – May 15-17, Blue chip Casino, Michigan City

Now accepting abstracts for workshops and regular sessions:

<https://survey123.arcgis.com/share/3b7f04b7e03b4699b22813d3d905d886>

The meeting ended at 11 am.

Next meeting:

Wednesday, December 13, 2023 10:00 AM - 11:00 AM EST

Category: Support Group

The purpose of this support group is to give those in charge of their organization's GIS to share topics for discussion. Topics may include anything related to the day-to-day operations of their GIS. Participants may discuss their current issues or propose future topics. We hope to provide support to those new in the geospatial field as well as allow seasoned professionals opportunity to share their knowledge and expertise.

<https://iu.zoom.us/my/indianagis>

Meeting ID: 933 209 9950

+1 312 626 6799