

MN GIS/LIS Consortium

Meeting Agenda

March 19, 2015
10:00 am – 12:00 pm

Type of Meeting: 2015 Board of Directors

Meeting Location: Ewald, 1000 Westgate Drive, St. Paul, MN 55114, Lower Level Conf. Room A

Dial in: 1-888-875-1833, Participant Passcode: 5696856553#, Moderator: 8464166303#

Meeting Facilitator: Heather Albrecht, Board Chair

Invitees:	Past Chair: Adam Snegosky	Private Sector: Brandon Tourtelotte
	Chair-Elect: Tami Maddio	Local Government: Michelle Trager
	Treasurer: Brian Udell	Conference Chair: Gerry Sjerven
	Secretary: Catherine Hansen	Conference Chair-Elect: Ryan Stovern
	Higher Education: Greta Poser	Past Conference Chair: Kitty Hurley
	At-Large: Scott Freburg	MnGEO Ex-Officio: Dan Ross
	State Government: Zeb Thomas	MnGAC Ex-Officio: Gerry Sjerven

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| I. Call to order | Albrecht |
| II. Roll call | Albrecht |
| III. Approval of meeting agenda | Albrecht |
| IV. Review action items & Approval of minutes from last meeting | Hansen |
| V. Review & Approval of Treasurers Report | Udell |
| VI. Open Issues/New business | |
| a) Approval of general operations budget | Udell |
| b) Renew webmaster contract | Albrecht |
| c) Logo greeting cards for Thank you letters | Albrecht |
| d) General liability insurance update | Snegosky |
| e) Bemidji 2017/2018 update | Snegosky |
| f) Social media governance | Hurley |
| g) Conference committee update | Sjerven |
| h) Spring workshops update | Trager |

i) Conflict of Interest forms Albrecht

j) Other issues/ Ewald Round Robin

VII. Adjournment

VIII. Committee Business Summary Reports

- a) Awards Mark Kotz
- b) Communication Kitty Hurley
- c) Conference Gerry Sjerven
- d) Database & Website Gerry Sjerven
- e) Education Greta Poser/Scott Freburg
- f) Executive Heather Albrecht
- g) Finance Brian Udell
- h) Future Conference Ryan Stovern/Adam Snegosky
- i) Networking Colin Lee
- j) Scholarship Greta Poser
- k) Spring Workshops Michelle Trager/Ryan Stovern
- l) Ad Hoc, Utilities Brandon Tourtelotte/Andy Schmidt
- m) Ad Hoc, Governor's Commendation Ben Verbick
- n) Ad Hoc, K-12 Database Scott Freburg

March 2015

Communications & Outreach Committee Updates

1. Committee Members (as of 3/15/2015)

- a. Mike Dolbow: *Co-Chair, Blogger, Social Media*
- b. Kitty Hurley: *Co-Chair, Social Media*
- c. Nancy Rader: *Blogger*
- d. Meredie Sexton: *Social Media – Spring Workshops*
- e. Gerry Sjerven: *E-announcements*
- f. Brandon Tourtelotte – *Social Media *New**

2. Posted Content to Social Media (Facebook, Twitter & LinkedIn)

- a. Board Retreat
- b. Duluth/DECC Tour (*Conference Chairs*)
- c. Spring Workshops Announcement

3. Social Media Update (as of 3/15/2015)

- a. Social Media Statistics Update:
 - i. *Twitter – 181 followers (up 8)*
 - ii. *Facebook – 122 likes (up 3)*
 - iii. *LinkedIn – 858 members (up 9)*

4. Seeking Approval on a Social Media Governance Plan at the March Board Meeting.

MN GIS/LIS Education Committee Report – March 2015

- o The education committee met March 16th via phone conference.
 - o Charter was reviewed. No changes were made.
 - o Previous goals and activities were reviewed. Website updates are still in progress.
 - Ben at MnGeo has a document summarizing GIS education options in Minnesota. He would be willing to present at an education committee meeting or board meeting. The document might help us with our website updates.
 - o New goals and activities for this year were discussed
 - Connecting K-12 teachers with GIS professionals. There is an ad hoc committee to test this out in the Duluth area.
 - The committee will be considering ideas for additional education related opportunities at the conference. Some initial ideas discussed:
 - inviting a select group of K-12 students to attend (will need to figure out how to cover costs and what activities would be offered for them)
 - additional training/session for teachers
 - encourage a teacher to submit a presentation on how his/her class is using GIS (maybe some students could help present)
 - resume review / mock interviews

- might be options for Friday afternoon if attendees are willing to stay
- MN GIS/LIS has a booth reserved at at the Networking and Career Fair hosted by the Geographic Information Science Student Organization (GISSO) at the University of Minnesota, Twin Cities, on Monday, March 30th. Greta Poser, and possibly others, will be attending. More information about the fair can be found at: <https://sites.google.com/a/umn.edu/gisso/fair>.
- Teacher Training Update – Some grants have been funded by Esri for more in-depth teacher training opportunities. Will likely try to have an additional 6-7 trainings this summer similar to last summer but perhaps with an added field data collection activity. Those interested in helping teach should contact Scott Freburg.
- Student assistant program is back. A flyer is available. Please help spread the word.
- The creation of separate sub-committees for K-12 and higher ed was discussed, but it was decided that it is unnecessary at this time.

Networking Event Report

Date: 3/18/2015

→ 2015 Events

- **Curling:** was successful with over 30 participants. Strong showing from ASPRS and CALSA. CALSA won the scholarship fund (\$125) contest. The money is being used to send students to national surveyor's conference. Was asked to continue hosting this event and plan to in the future.
- **Spring Workshops:** will be held at Town Hall Brewery. Was held switched from Town Hall to Stub & Herb's last year and received many complaints about parking and difficulty getting to the venue. Town Hall is significantly more expensive.
- **Saints Game:** planning in initial stages of planning. Will have update by end of spring.
- **Fall GIS Day:** Surly Brewery's destination brewing space has been booked for Monday November 16. Space is free of charge for non-profits on Mondays. Waiting for official contract from Surly but space is booked for our group.

→ Sponsors 2015

- SharedGeo
- Flatrock Geographics
- Houston Engineering, Inc.
- Pro West

- North Point Geographic Solutions
- Esri (tentative)

MN GIS/LIS Scholarship Committee Report – March 2015

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- The committee did not meet, but all members were contacted to confirm interest. We are working on finding a time to meet, hopefully yet this month. We will be reviewing school eligibility, website language, budget, charter, fundraising, etc.
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- All schools that were eligible to participate in the scholarship competition as of 2014 have been contacted to confirm eligibility and contact information for 2015. Most have responded, and the rest will be followed-up with.

Spring Workshops Committee Report March 2015

Spring Workshops will be May 20th at the University of MN in Minneapolis. We will broadcast the workshops remotely to Duluth, Mankato and Moorhead through iTV. The workshops are listed below. Registration opened March 13th.

- Getting Started with ArcGIS Professional
- ArcSDE - The Whole Nine Yards
- CAD and GIS Integration
- Understanding Geodatabases
- Parcel Fabric Migration is Done - Now What?
- *Python*
- *Basics of LiDAR*
- *ArcGIS Server 10.1 & Beyond*
- *Data Driven Pages*
- *Geocoding*
- *Mobile and Operations Dashboard*
- *Advanced Python*

2015 MN GIS/LIS Consortium Workshops



The Minnesota GIS/LIS Consortium is pleased to present a diverse list of course offerings on Thursday, May 20th, at the University Minnesota Minneapolis Campus
Remote Locations: University of Minnesota-Duluth
Minnesota State University-Mankato
Minnesota State University Moorhead

Each Half-Day Workshop = \$90.00

Full Day Workshop = \$180.00

Refreshments and lunch are included in your registration fee. Please indicate that you will be attending lunch on the registration page.

Full Day Workshop

Full Day (Hands-On) – Basics of LiDAR

9:00am – 4:00pm

Audience Level: Beginner

Instructor: Joel Nelson, University of MN

This workshop will provide a detailed introduction to LiDAR data and its use for the state of MN and beyond. Students will work learn valuable details and best-practices when working with LiDAR data, along with information on its download, usage, and applications.

AM Workshops

Half Day (Lecture) – Getting Started with ArcGIS Professional

9:00am – 12:00pm

Audience Level: Intermediate

Instructor: Kyle Heideman and Brandon Crissinger, Pro-West & Associates, Inc.

Remote Broadcast: UMD, MSU-Mankato, MSU-Moorhead

An introduction to one of the most exciting new tools in geospatial community. This workshop will help you get started using ArcGIS Professional. We'll start with an overview of the user interface followed by a demonstration of common tasks and tools. We'll also cover how to import your previous ArcGIS for Desktop work to Professional. You'll leave ready to being exploring and using the latest desktop GIS application!

Half-Day (Lecture and Demos) - ArcSDE - The Whole Nine Yards

9:00am – 12:00pm

Audience Level: Beginner

Instructor: Jessica Fendos, Ramsey County

This workshop will prepare students to successfully deploy an enterprise geodatabase to serve multiple users and secure mission-critical geospatial datasets in your organization. You will learn about SDE's role in an Enterprise ArcGIS Server system, its installation options, as well as how to manage a geodatabase by setting up user accounts and permissions, enabling versioned editing, and performing database maintenance tasks including the automation of data load, compression, rebuilding indexes and recalculating statistics. Instructor will conclude by providing tips and tricks on creating database views, SQL stored procedures and jobs, and locks handling based on real-life scenarios. Course concepts apply to ArcGIS V.10.X settings.

Half-Day (Hands-On) – CAD and GIS Integration

9:00am – 12:00pm

Audience Level: Intermediate

Instructor: Rob Bigelow, KLJ

How to get Civil 3D and ArcMap to hold hands long enough to exchange data between the two.

Half-Day (Hands-On) – Understanding Geodatabases

9:00am – 12:00pm

Audience Level: Beginner

Instructor: Rebecca Cooper, Rowekamp and Associates, Inc.

This ½ day workshop will introduce the different types of geodatabases and the advantages of using geodatabases over shapefiles. Learn how to create a file geodatabase, import shapefiles to a geodatabase, build attribute domains and subtypes and use a relationship class (ArcGIS for Desktop Standard or Advanced users will also create a relationship class). No prior knowledge of geodatabases required but one should be comfortable working with data in ArcMap and the Catalog window to complete the hands-on exercises.

Half-Day (Lecture with Demos) – Parcel Fabric Migration is Done - Now What?

9:00am – 12:00pm

Audience Level: Intermediate

Instructor: Lisa Schaefer, Pro-West & Associates Inc.

Remote Broadcast: UMD, MSU-Mankato, MSU-Moorhead

This 1/2 day workshop will focus on what to do after a migration to the LGIM and Parcel Fabric. The lecture and demonstrations will focus on enhancing the geodatabase with some tuning tips and publishing work, utilizing extensions that most organizations don't even realize they have, and looking to the future possibilities for workflow management. These topics will be focused around the business needs, data needs and service needs of local government organizations.

Half-Day (Hands-On) – Python

9:00am – 12:00pm

Audience Level: Intermediate

Instructor: Zeb Thomas, MN.IT Services @ Minnesota Department of Natural Resources

Python programming knowledge is increasingly a vital skill for the GIS professional. As an open source language with broad adoption, python provides access to a wealth of libraries that make it uniquely positioned to bridge proprietary and open data formats. This workshop will introduce some of the more object-oriented approaches available in Esri's arcpy module. This will include Cursors, FieldMapping, Describe, and creating python Toolbox Tools and customizing them using the ToolValidator Class. Along the way we will also cover some other useful (and free) python modules. Participants are expected to have some experience using the arcpy module.

PM Workshops

Half-Day (Lecture with Demos) - ArcGIS Server 10.1 & Beyond

1:00pm – 4:00pm

Audience Level: Advanced

Instructor: Justin Hansen, WSB

Remote Broadcast: UMD, MSU-Mankato, MSU-Moorhead

This workshop will serve as an advanced look into ArcGIS Server 10.3 from both the IT and GIS management perspective. Existing users of ArcGIS Server will find the most benefit from this workshop as topics will range from installation recommendations, system architecture guidelines, security best practices, load testing and more. In addition, we will discuss the advantages and disadvantages of running ArcGIS Server in Amazon's Cloud. Also, we'll look at where Esri's is going with the ArcGIS Platform and how ArcGIS Server fits within Esri's ever changing ecosystem including ArcGIS Online. This workshop will benefit both IT professionals and GIS Managers seeking to understand how to best manage their ArcGIS Server 10.3 deployment or existing infrastructure. While this workshop is target at advanced users with ArcGIS Server experience, it will provide a solid introduction to core ArcGIS Server concepts.

Half Day (Hands-On) – Data Driven Pages

1:00pm – 4:00pm

Audience Level: Beginner

Instructor: John Wirries, KLJ

We will start with the basics of creating data driven pages and work up to dynamic text, and other key features.

Half-Day (Hands-On) – Geocoding

1:00pm – 4:00pm

Audience Level: Beginner

Instructor: Victor Barnett, Ramsey County Emergency Communications Center

Remote Broadcast: UMD, MSU-Mankato, MSU-Moorhead

Bring Your Own Laptop (BYOL)

This ½ day workshop will introduce the basics of Geocoding. The focus will be on building Address Locators of various types. The workshop will be hands on, with participants building their own locators and composite locators. Then exploring results, reconciling Unmatched and Tied Addresses. We will also explore the configuration options of address locators, and how these change results.

Half-Day (Lecture with Demos) – Mobile and Operations Dashboard

1:00pm – 4:00pm

Audience Level: Intermediate

Instructor: Kyle Heideman, Pro-West & Associates, Inc.

Just in time for Spring! We'll explore the field collection capabilities of ArcGIS Online including Collector for ArcGIS. We'll show how to plan for and improve your field collection workflows. We'll also demonstrate how you can monitor the field collection activities with the Operations Dashboard.

Half-Day (Hands-On) – Advanced Python

1:00pm – 4:00pm

Audience Level: Advanced

Instructor: Caleb Mackey, Bolton & Menk, Inc.

This workshop will cover some advanced techniques practical for any GIS Professional. In this session we will take an in depth look at object-oriented programming concepts. We will learn how to work with arcpy geometries to read and write new features and perform powerful spatial queries. We will also learn how to create our own objects by utilizing classes. Other topics will include working with the ArcGIS REST API to query feature layers, working with JSON data, and authoring Python Add-Ins. Participants should have prior experience with Python or attend the Intermediate Python workshop.

Minnesota GIS/LIS Consortium
Treasurers Report for March, 2015
Date of Report: 05/20/2015
Prepared by: Brian Udell

Account Status as of 01/31/2015

Account	Balance	Description
General Fund	31,733.27	Affinity Checking Account
Reserve Fund	35,157.44	Affinity Savings Account
Accounts Receivable	565.00	Unpaid invoices
Other Assets	2,900.00	Prepaid expenses, Inventory, undeposited funds
Accounts Payable	48.36	Unpaid bills
Balance	\$70307.35	Total Assets
Income	4,054.00	
Expenses	1,692.60	See check detail
Scholarship Fund	\$20,257.07	Affinity savings account
Investment Account	\$31,483.29	Schwab Managed Portfolio (as of 03/31/2015)

Treasurer Comments:

- Report came in late this month due to Amanda Ewald going on maternity leave.