GIS Community of Practice Meeting Agenda

When: Thursday, 12 October 2017, 2:00-4:00PM
Where: Ford Commons, Dana Building, SEAS (Former SNRE)
Facilitators: Peter Knoop, Nicole Scholtz, Jason Tallant

[Work in progress…]

Presentations and Q&A:

Based on the feedback we received, we are planning a series of brief presentations on:

- Introductions
- Lightning Talks: GIS examples from around campus...
  - Jon Sullivan -- Use of Imagery to Examine Large-Scale Transactions as Drivers of Land-Cover Change in Sub-Saharan Africa
  - K. Arthur Endsley -- Use of the recently acquired data on deed sales and foreclosures for all properties in the continental U.S., now available University-wide through U-M Library
  - Jason Tallant -- Drone photogrammetry
  - Maricela Avalos -- Using GIS at MBGNA to assist with courses and research
  - Shannon Brines -- selection of innovative research from SEAS using GIS
  - ***Any other volunteers?***
- Updates from the Esri ecosystem:
  - Instant Augmented Reality (AR) for your GIS Data
    - [AuGeo](#)
    - [Trek2There](#)
    - UC Companion
    - [ArcGIS 360 VR](#)
  - ArcGIS and Python
    - ArcPy
    - [ArcGIS API for Python](#)
    - [Jupyter Notebooks](#) -- Immensely popular approach to developing python code in the data science community in general
    - Pandas -- Easy-to-use table views in jupyter notebooks
    - [Three Reasons to use Jupyter Notebooks as a GIS User](#)
  - ArcGIS and Javascript
    - [ArcGIS API for Javascript](#)
    - Version 3 versus 4
    - Examples: Quizmap ([Woody Plants](#)) ([Middle Eastern Studies](#)), and USECPAM
  - [ArcGIS Maps for Adobe Create Cloud](#)
    - Making your GIS data look really, really good!

- - - Directly access your ArcGIS Online and Portal content from within Illustrator and Photoshop
    - No need to export/import via old file formats
    - ArcGIS content well-organized as Adobe Layers
  - [Insights for ArcGIS](#)
    - Coming to ArcGIS Online in December 2017
    - Try it out on LSA ArcGIS Enterprise development server
  - Esri Training
    - [Esri Training](#) site materials, except instructor led courses, are free to members of the U-M community; access is using your umich account.
    - [GeoInquiries](#) -- Lessons include learning objectives, technical "how-to's", textbook references, and formative whole-class assessment items – all packed into one page for use with ArcGIS Online.
  - What's coming from Esri?
    - ArcMap 10.6 in pre-release
    - ArcGIS Pro 2.1
    - Next major release date (end-2017/beginning-2018)

General Information Sharing and Networking:

- Upcoming GIS Conferences?
  - [GIS Day 2017](#) at U-M Dearborn (Wednesday, 15 November 2017)
- GIS Workshops on campus
  - On what topics would you like to see workshops offered this semester?
  - Watch for a poll soon on the GIS CoP email list
- Anyone have a "Big Data" GIS problem to tackle?
  - LSA IT is looking for test cases to use Esri's new GeoAnalytics Server capabilities of ArcGIS Enterprise
- Interested in trying out [Navigator for ArcGIS](#)?
  - Navigation like Google Maps and Apple Maps
  - Integrates with Workforce, Collector, and Survey123
  - LSA IT has purchased 10-seats (educational pricing is $25/seat)
- ArcGIS - Canvas Integration
  - Pilot stage - looking for beta-testers
  - Group Management per Assignment (in testing)
  - Item Cloning (in development)
- What pieces of the Esri platform are you using?
  - Probably do this soon as a poll to the GIS CoP email list.
  - GeoPlanner? Community Analyst? Collector? Survey123? Workforce?
- Matters arising…
  - Bring your questions!
  - Share your tips!
- Future of the GIS Community of Practice...

- Meeting frequency?
- Meeting topics?
- Use of email list?
- Participation levels?