

## PROJECT PROPOSALS

Southwest Ohio GIS Users Group (SWOGIS)  
April 18, 2016

### Background

The Miami Valley Regional Planning Commission (MVRPC), in partnership with SWOGIS, conducted a regional GIS needs assessment during the summer of 2015 as part of MVRPC's Regional Geospatial Coordination program (visit [www.mvrpc.org/sites/default/files/regionalsurveyresults\\_final\\_081215.pdf](http://www.mvrpc.org/sites/default/files/regionalsurveyresults_final_081215.pdf) for more information).

At its October 26, 2015 SWOGIS Steering Committee meeting, MVRPC shared 4 potential projects that were identified through needs assessment to begin further discussion and solicit feedback on how to advance these projects.

The information presented below is a general scope of each project, which MVRPC discussed with SWOGIS Steering Committee members at its January 29, 2016 meeting.

### Project 1: Zoning and Land Use

This project involves compiling the latest data and updating the 2008 dataset.

#### Project Scope:

- Lead Organization: MVRPC
- Estimated Timeframe: January 2016 - June 2016 (MVRPC is currently updating the adopted future land use layer. Plan to update zoning layer between February and June 2016)
- Deliverable(s): GIS services and web maps
- Scope Details
  - Acquire latest data for both adopted future land use and zoning.
  - Covers 7 counties (Clark, Darke, Greene, Miami, Montgomery, Preble, and Warren).
  - Update existing regional layers, which will include attributes following the Local Government Model schema.
  - Publish GIS services and web maps.

### Project 2: Demographic Data Analysis in GIS

This project is to add sessions to SWOGIS's future training program on how to navigate, obtain, and join Census data and geographic boundary files and do demographic analysis.

#### Project Scope:

- Lead Organizations: SWOGIS and MVRPC
- Estimated Timeframe: January 2016 – December 2016
- Deliverable(s): 1-2 training sessions dependent upon SWOGIS's annual work program

- Scope Details
  - Develop 1 hour session outline with emphasis on hands-on learning.
  - Recruit instructor(s).
  - Prepare session materials such as data, instruction, reference documents, etc.

### Project 3: Professional Training Program

This program is to expand SWOGIS’s current training program, which is tailored to GIS skill levels (basic, intermediate, and advanced) and subject matters (mapping, analysis, ArcGIS Online, etc). The intention of this expanded program is to broaden the participants and offer additional sessions that would appeal to basic users and people who are not current GIS professionals. The program would be a 1-2 day program with multiple sessions.

#### Project Scope:

- Lead Organizations: SWOGIS and MVRPC
- Estimated Timeframe: July 2016 – June 2017
- Deliverable(s): 1 program in Fall 2016 and 1 program in Spring 2017
- Scope Details
  - Review and refine existing training program to identify additional opportunities tailored to GIS skill levels and subject matters.
  - Develop outline for each session with emphasis on hands-on learning.
  - Recruit instructor(s).
  - Secure partnership institution to host the program such as Wright State University or Sinclair College.
  - Investigate a need for a training fee to cover the program’s expenses.
  - Prepare session materials such as data, instruction, reference documents, etc.

### Project 4: Regional Asset Inventory

This project is to compile and share an asset inventory (i.e. recreational amenities, community points of interest) through a web mapping application. The initial information gathering would be region-wide, possibly using a hard copy map to be inclusive of non-GIS users. This would be a good way to promote GIS to non-GIS-user communities. Once done, this would be a good value-added product for the region, local communities, and citizens.

#### Project Scope:

- Lead Organizations: SWOGIS and MVRPC
- Estimated Timeframe: January 2016 – June 2016
- Deliverable(s): GIS service, web map, and interactive mapping application
- Scope Details
  - Focus on recreational assets.
  - MVRPC will collaborate with community leaders and organizations to identify and acquire data for 8 counties (Butler, Clark, Darke, Greene, Miami, Montgomery, Preble, and Warren), inclusive of non-GIS users.
  - Develop a new regional dataset, which will incorporate the Local Government Model schema.
  - Publish GIS services, web maps, and interactive mapping applications.