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2015 SHRUG Workshop “Beyond the Map”

TALLAHASSEE, FL

NOVEMBER 18TH & 19TH

[Register Now](#)

Excellent Training Classes Offered!

Two Day Classes

Programming ArcGIS with Python - \$650

November 16th & 17th

Provided by Geospatial Training Services

ESRI has adopted Python as its primary scripting language for the ArcGIS platform. Python can now be used to create labeling expressions, in the Field Calculator, administer SDE, create custom add-ins, and more. This is making it more and more critical for ArcGIS users to learn Python.

This two day class will introduce students to the fundamentals of the Python scripting language, how to access basic ArcGIS geoprocessing functions using a python script and how to create simple python scripts using IDLE.

Learning ArcGIS Pro 1 - \$625

November 16th & 17th

Provided by eGIS Associates

ArcGIS Pro is ESRI's newest desktop GIS application with powerful tools for visualizing, maintaining, and analyzing data. ArcGIS Pro makes use of the modern ribbon interface and 64-bit processing to increase the speed and efficiency of using GIS. It allows users to create amazing maps in both 2D and 3D quickly and easily.

Requirements

Students will need a license of ArcGIS Pro assigned to them from their organization that can be accessed from the internet via ArcGIS Online or Portal for ArcGIS.

Programming ArcGIS with Python- Intermediate - \$650

November 16th & 17th

Provided by Geospatial Training Services

In Part 2 of the Programming ArcGIS with Python Workshop you will learn intermediate level programming ArcGIS with Python skills.

Modules:

- Module 1: Using the Arcpy Data Access Module with Feature Classes and Tables
- Module 2: Listing and Describing GIS Data
- Module 3: Customizing the ArcGIS Desktop Interface with AddIns
- Module 4: Error Handling and Trouble Shooting
- Module 5: Using the ArcGIS REST API with Python to Access ArcGIS Server and ArcGIS Online

Volunteers Wanted

Every year a small committee of dedicated GIS folks plan and put on the SHRUG Workshop. We count on YOUR help as on-site volunteers to help make everything great.

IT IS A FUN JOB!

We need :

Timekeepers / Technical monitors

Willing Go-Fers

Swag Bag Distributors

Poster Hangers

Contact SHRUG Volunteer Coordinator—

DeAnna.Hohnorst@em.myflorida.com or just check the I am willing to volunteer box when you register. THANKS!

One Day Classes

Intro to WebAppBuilder - \$350

November 20th

Provided by Geospatial Training Services

Do you want to learn how to build web and mobile ArcGIS applications without writing a single line of JavaScript, HTML, or CSS code? The new ESRI WebApp Builder is a configurable HTML5/JavaScript based application that lets you quickly create intuitive, focused 2D and 3D apps from scratch without writing a single line of code. If you happen to be a developer as well you can also extend the application to create custom tools and application themes.

Introduction to QGIS for ArcGIS Users - \$350

November 20th

Provided by North River Geographic Systems

- Interface and installation
- Symbolology
- Map Production
- Editing
- Plugins
- Compare functionality with ArcGIS throughout the class

Half Day Classes

Introduction to Unmanned Aerial Vehicles(UAVs) - \$125

November 20th

Provided by Nobles Consulting Group

This course will be a hands on approach to the various Unmanned Aerial Systems. The objective of the course is to educate the GIS Community on the different types, functions and software uses for UAV's. The instructor will demonstrate how to set up flight patterns, preflight checks, collect data using the onboard camera and photo processing software. Also, the course will cover legal aspects of the UAS market, including FAA regulations and other FAQs

Will be held on same day as Intro to 2022 Datum.

From Data to Maps: Communicating GIS Effectively - \$125

November 20th

Provided by University of West Florida

The power of GIS lies in its ability to work with different data, identify spatial relationships and perform intuitive queries in a quick and efficient manner. Understanding how spatial data is stored and presented in a GIS software is key to understanding how a GIS works. In addition to understanding the mechanics of the GIS, we will also look at different ways to communicate your data, analysis and results to a particular audience.

Will be held on same day as Line up Florida with Projections.

Line up Florida with Projections - \$125

November 20th

Provided by University of West Florida

Projections are an essential part of any GIS and a critical tool for any GIS user. Projections are used to tell the software how to draw the earth. Since the earth is an oblate geoid and a map is flat, representing a 3D surface on a 2D surface can be challenging. We will cover basic concepts about projections in efforts to provide students with the information they need to make smart mapping decisions.

Will be held on same day as From Data to Maps.

Introduction to 2022 Datum - \$125

November 20th

Provided by Nobles Consulting Group

This training course provides an overview and background of the horizontal and vertical datum and the shift that is coming from the National Geodetic Survey in 2022. These new datums will be defined by a transition to be more closely aligned to the International Terrestrial Reference Frame (ITRF) and to elevations based exclusively on gravity observations. This course will highlight the rationale for these changes, the various elements that currently define NSRS and will describe the activities to improve the capacity of and access to NSRS in support of this datum transitions

We want your—Presentation or Poster at the SHRUG Workshop

[Submit Your Presentation Now](#)

Deadline to submit: 11/11/2015

Click [here](#) for more information about the upcoming training classes