

## GIS & Training News from TeachMeGIS

January 2012

### January/February Training Special!

Register 2 students for the same class and get \$100 off each student!

#### Some of Our Upcoming Training:

- [What's New in ArcGIS 10](#)
- [ArcGIS Desktop I \(v10\)](#)
- [ArcGIS Desktop II \(v10\)](#)
- [ArcGIS Desktop III \(v10\)](#)
- [Fundamentals of ArcGIS for Petroleum \(v9.3 and v10\)](#)
- [Intermediate GIS Concepts for Petroleum \(v9.3 v10\)](#)
- [Geoprocessing and Model Builder \(v10\)](#)
- [Editing in ArcMap \(v10\)](#)
- [Making Better Maps \(v10\)](#)
- [Python for GIS \(v10\)](#)

Special applies to classes offered in January and February 2012 ONLY.

### SQL Tips & Tricks for Selections in ArcGIS

Make your selection case insensitive by making everything uppercase first.

```
UPPER("AREA_NAME") = 'Mississippi Canyon'
```

Sub-queries work in ArcGIS too:

```
"WELL_NAME" IN (SELECT "WELL_NAME" from TenWells)
```

This query will select wells with names based on the well names listed inside the TenWells table in the map. For this to work, both the feature class and the table need to be inside a file geodatabase.

### New & Updated GIS Training Courses for 2012

#### Geoprocessing and ModelBuilder

This 2-day course introduces students to many useful tools available in ArcToolbox, gets them comfortable with the geoprocessing environment, and teaches them how to create basic, effective models (custom tools) through the ModelBuilder interface.

#### Advanced GIS Concepts

For many GIS projects, there is a simplified way to accomplish a task, as well as a more advanced approach to complete the same task. These advanced operations are often overlooked, but can greatly enhance the efficiency and effectiveness of GIS. 2-day course.

#### Queries and Tables

This 2-day course delves deeper into the uses and functions of tables in the GIS environment. Students will work with attribute tables and learn creative and effective ways to query data.

#### Making Better Maps

This 2-day course explores best practices for creating well-made, easy to read paper maps. Layout techniques, as well as symbology and labeling tips and tricks, will be discussed in detail.

#### Spatial Analyst - Working with Rasters

This 2-day course introduces students to working with raster data types, raster data display settings, georeferencing images, extracting grid values to point features, generating gridded surfaces from sample values, and creating contour lines from elevation datasets.

All of these courses have been developed for ArcGIS version 10.

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### Cool Maps and Ideas in the ESRI Mapping Center



One of the new maps in the ESRI Mapping Center is a bubble map of European Energy - a comparison of total energy production versus consumption in 2004. [Click here](#) to see the map page, where you can navigate around on the map, as well as find tips and tricks on how to create a similar map with your own data!

#### 2012 Private Training

If you have a group of people at your office that need training, consider scheduling a private class at your office. Contact us for more details or to schedule: [info@TeachMeGIS.com](mailto:info@TeachMeGIS.com)

#### 2012 Class Schedule

Our schedule has been updated through July 2012. [Click here](#) to view our course list, or check out the calendar on our website home page.