

## ArcGIS 10.x Software, Training, and Resources:

Updated March 30, 2014 – Lorri Peltz-Lewis, [lpeltzlewis@fs.fed.us](mailto:lpeltzlewis@fs.fed.us)

### Stuff to review now:

2014 GISS Webinar (Feb 12, 2014 version) - <http://gis.nwcg.gov/> (next webinar May 1, 2014 1-2 PM MDT)

FIMT “How To” Videos – great refresher for everyone! <http://training.nwcg.gov/courses/UsingFIMT/player.html>

NWCG GSC website - <http://gis.nwcg.gov/> this is now being maintained – lots of great information here!

### Esri Resources:

If you have not created an **ESRI Global Account** do so, it’s free, at:

<https://webaccounts.Esri.com/cas/index.cfm> This will open the door subscribing for free ESRI magazines, access to the ESRI Resources, online help, training (free and for \$\$), etc.

**Sign up for Esri books/magazines:** <http://www.esri.com/esri-news> many twitter feeds also

- Download to your computer or mobile device (Esri Bookstore App – IOS & Droid)
- ArcNews, ArcUser, and ArcWatch - <http://www.esri.com/esri-news/publications>
- Newsletters - <http://www.esri.com/esri-news/publications/newsletters>
- Podcasts - <http://www.esri.com/esri-news/podcasts>

### What’s new in ArcGIS 10.2 & 10.2.1:

Esri’s List - <http://www.esri.com/software/arcgis/arcgis10/>

The Spatial Blog - <http://dragons8mycat.wordpress.com/2013/07/05/whats-new-in-arcgis-10-2/>

Key items at 10.2/10.2.1 –

- Installs without uninstalling older version!
- Holds all of your old settings – connections, network folders,
- Desktop tools – MXD Doctor and Document Defragmenter available under Start->ArcGIS->Desktop Tools
- Search – better raster functionality added
- Excel write directly to them now – can apply alias, you may get ActiveX warning – push through. Good bye DBF!
- Document compatibility between 10.1 and 10.2 – map, globe, scene documents are compatible with each other – you can open a 10.2 document with 10.1.
- Search – try the spatial search option. Great for finding the new Topos. Indexing an entire state it might take about 40 min, once indexed search spatially for maps within or overlapping current extent, drag and drop.

### What’s new in ArcGIS 10.1:

Free training ArcGIS 10.1 training available here (see more below):

<http://training.Esri.com/gateway/index.cfm?fa=search.results&searchterm=&search=Search&cannedsearch=2&OrderBy=CourseTitle asc&ArcGISVersion=10.1>

Three recorded seminars are available on this page include:

Getting Started with GIS (for ArcGIS 10.1, 10.2) – pretty basic but a good refresher.

Working with Imagery at ArcGIS 10.1

Layout Design Essentials for ArcGIS 10.1

**Training from Esri** - <http://www.esri.com/training/main> - most classes have a the first module free, seminars are recorded and provided for free. See also Additional Training Resources section below!

### If you need a refresher on ArcMap and Editing at ArcGIS 10 these are still very good resources:

Using ArcMap in ArcGIS Desktop 10 - <http://training.Esri.com/gateway/index.cfm?fa=catalog.webCourseDetail&courseid=1822>

Editing ArcGIS Desktop 10 - <http://training.Esri.com/gateway/index.cfm?fa=catalog.webCourseDetail&courseid=1910>

Editing ArcGIS Desktop 10.1 – A quick tour:

[http://resources.arcgis.com/en/help/main/10.1/index.html#/A\\_quick\\_tour\\_of\\_editing/01m50000002000000/](http://resources.arcgis.com/en/help/main/10.1/index.html#/A_quick_tour_of_editing/01m50000002000000/)

Editing Feature Layers on a Map: <http://video.arcgis.com/watch/248/editing-feature-layers-on-a-map>

Python for Everyone - <http://training.esri.com/gateway/index.cfm?fa=catalog.webCourseDetail&courseid=2520>

### Software:

- Free for 60 days - If you don't have ArcGIS 10 you can get a free 60 day download at:  
<http://www.Esri.com/software/arcgis/arcgis10/trial.html>
- Home Use Program (HUP) - You can also get a 1 year license from the HUP for \$100 at:  
<http://www.Esri.com/arcgis-for-home/index.html>
- Emergency Responders – NIFC has licenses you can use; they are good for 1 year and authenticate against Esri – Contact Lorri Peltz-Lewis ([lpeltzlewis@fs.fed.us](mailto:lpeltzlewis@fs.fed.us)) for details.
- Emergency Responders – request a license from Esri; this is good for 6 months, you must request on a business day to get the license - <http://www.esri.com/apps/company/assist/index.cfm?eventID=119>

### Training/Help:

Which ArcGIS 10 Training is Right for you? Nice blog post, still good even though we are at 10.1...

<http://blogs.Esri.com/Support/blogs/Esritrainingmatters/archive/2010/08/25/which-arcgis-10-training-is-right-for-you.aspx>

Building map books with ArcGIS:

<http://resources.arcgis.com/en/help/main/10.1/index.html#/00s90000002s000000>

Data Driven Pages:

<http://resources.arcgis.com/en/help/main/10.1/index.html#/00s90000003n000000>

Creating Map Books Using Data Driven Pages (Free Seminar, login with ESRI Global Account) ArcGIS 10, but good!

<http://training.Esri.com/gateway/index.cfm?fa=catalog.webCourseDetail&courseID=2152>

Getting Started with the Geodatabase (for ArcGIS 10) – Recommended if you are not familiar with Geodatabases

<http://training.Esri.com/gateway/index.cfm?fa=catalog.webCourseDetail&courseid=2026>

Working with Geodatabase Domains and Subtypes (for ArcGIS 10)

<http://training.Esri.com/gateway/index.cfm?fa=catalog.webCourseDetail&courseid=2056>

**ESRI TV on YouTube** has numerous free training sessions (free) – check these out at:

<http://www.youtube.com/watch?v=es1Y85ZJRjA>

ESRI ArcGIS 10: Editing in ArcGIS 10 (NTGeogTech video)

<http://www.youtube.com/watch?v=g8WqYpJUG2k&feature=related>

ArcGIS 10: Creating Geodatabases and Feature Classes (NTGeogTech video)

<http://www.youtube.com/watch?v=uDwLb3aIG7E>

ArcGIS 10: Editing an existing feature class (NTGeogTech video)

[http://www.youtube.com/watch?v=qx8Do\\_e8UYo&feature=related](http://www.youtube.com/watch?v=qx8Do_e8UYo&feature=related)

### Additional Training Resources:

ArcGIS 10 Virtual Campus Web Training Classes – free or cheap (\$32 each):

<http://training.Esri.com/gateway/index.cfm?fa=search.results&cannedsearch=2>

USFS Staff – you have access to many ESRI Virtual Campus classes more on this at:

<http://fsweb.geotraining.fs.fed.us/www/index.php>

DOI Staff – you also have access to many ESRI Virtual Campus classes– contact me and I'll get you in touch with the correct person at DOI.

## **Advanced ArcGIS:**

Get recommendations on what classes to take – the Esri tool is much more comprehensive now – check it out at:

<http://www.esri.com/training/main/training-catalog/course-recommendations>

Beyond Where: Using Regression Analysis to Explore Why:

<http://training.esri.com/gateway/index.cfm?fa=catalog.webCourseDetail&CourseID=2586>

## **GPS and Mobile Technology:**

Collecting Field Data Using Handheld GPS Devices - <https://www1.gotomeeting.com/register/863222952>

Webinar Objectives:

- Set-up a Garmin GPS receiver
- Review best practice for collecting tracks and waypoints
- Download data from GPS using DNR GPS
- View data using Google Earth
- Provide quality data to the SIT unit

Webinar materials can be found here: <https://drive.google.com/a/nps.gov/?tab=mo#folders/0B03Sh0M9Jh3eSiMyZHRUNHFBMm8>

Maps for Smartphones and Tablets - <https://www1.gotomeeting.com/register/737007201>

Webinar Objectives:

- Discuss available mapping applications
- Limitations and benefits of mobile data collection
- Demonstration

Webinar materials can be found here: <https://drive.google.com/a/nps.gov/?tab=mo#folders/0B03Sh0M9Jh3eSiMyZHRUNHFBMm8>

Smartphone GIS: Capturing Data with Collector for ArcGIS:

[http://training.esri.com/Gateway/index.cfm?fa=seminars.viewDetails&course\\_id=200](http://training.esri.com/Gateway/index.cfm?fa=seminars.viewDetails&course_id=200)