Spatial Data Center Tutorial Resources

Welcome to Drew University's Spatial Data Center Tutorial Resources uKnow page. Here you will find links to tutorial files for use with ESRI ArcMap and ArcCatalog Software, ArcPad, Google Earth, and Google Maps. You will also find here information on the care and maintenance of the Spatial Data Center Equipment.

Getting Started with GIS

Getting Started with GIS

Laptop Readiness

Google Maps and Google Earth Tutorials

Google Earth Basic Skills

Exporting ArcGIS Data to Google Earth (link to PDF document)

Data for Exporting ArcGIS Data to Google Earth Exercise

Data Management Tutorials for ArcGIS

Making Maps with ArcGIS (link to PDF document)

Repairing Data Sources

ArcMap - Downloading Census Data for Use in ArcGIS

Formatting Data for Use in ArcGIS

Converting Coordinates from Degrees Minutes Seconds into Decimal Degrees

ArcGIS Explorer Desktop

Dust Bowl Tutorial

ArcGIS: ArcMap

Changing or Transforming a Coordinate System for a Map Layer

Digitizing and Editing Features in Shapefiles and Map Layers

Georeferencing an Image File

Converting Degrees Minutes Seconds values to Decimal Degree values

Geocoding: Using Address Information to Map Sites

Plotting XY Coordinates as Points in a Map Layer

Cartograms Tutorial

ArcGIS: ArcCatalog

ArcCatalog - Building Personal Geodatabases

ArcCatalog - Creating New Shapefiles or Feature Classes

ArcPad

Elements of the GPS Status Bar (ESRI document excerpt)

(Adapted from ESRI, "ArcPad User's Guide," Environmental Systems Research Incorporated: Redlands, CA, 2010. Accessed July 1, 2011 http://resources.arcgis.com/gallery/file/arcpad/details?entryID=2E94AC3C-1422-2418-34A1-4B4839636C4E.)

Elements of the GPS Position Window (ESRI document excerpt)

(Adapted from ESRI, "ArcPad User's Guide," Environmental Systems Research Incorporated: Redlands, CA, 2010. Accessed July 1, 2011 http://resources.arcgis.com/gallery/file/arcpad/details?entryID=2E94AC3C-1422-2418-34A1-4B4839636C4E.)

How to Collect Data Points with the GPS

(Adapted from ESRI, "ArcPad User's Guide," Environmental Systems Research Incorporated: Redlands, CA, 2010. Accessed July 1, 2011 http://resources.arcgis.com/gallery/file/arcpad/details?entryID=2E94AC3C-1422-2418-34A1-4B4839636C4E.)

Changing the Symbology of Points in the GPS Unit

Check In and Check Out Map Files for Editing in the Field

Finding and Navigating to Previously Recorded Locations in the Field (ESRI PDF document excerpt)

(Adapted from ESRI, "ArcPad User's Guide," Environmental Systems Research Incorporated: Redlands, CA, 2010. Accessed July 1, 2011 http://resources.arcgis.com/gallery/file/arcpad/details?entryID=2E94AC3C-1422-2418-34A1-4B4839636C4E.)

Full ArcPad 10 Help Documentation (ESRI PDF document)

(ESRI, "ArcPad User's Guide," Environmental Systems Research Incorporated: Redlands, CA, 2010. Accessed July 1, 2011 http://resources.arcgis.com/gallery/file/arcpad/details?entryID=2E94AC3C-1422-2418-34A1-4B4839636C4E, 787 pages.)

Trimble GPS

Care and Use of the GPS Unit

Uploading Satellite Images and Map Layer Files to the GPS

eTrex GPS

Garmin eTrex - Notes on Recording, Finding, and Reading Waypoints

Garmin eTrex - Exporting Data to a Tab Delimited File for use in Excel