

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](#)