

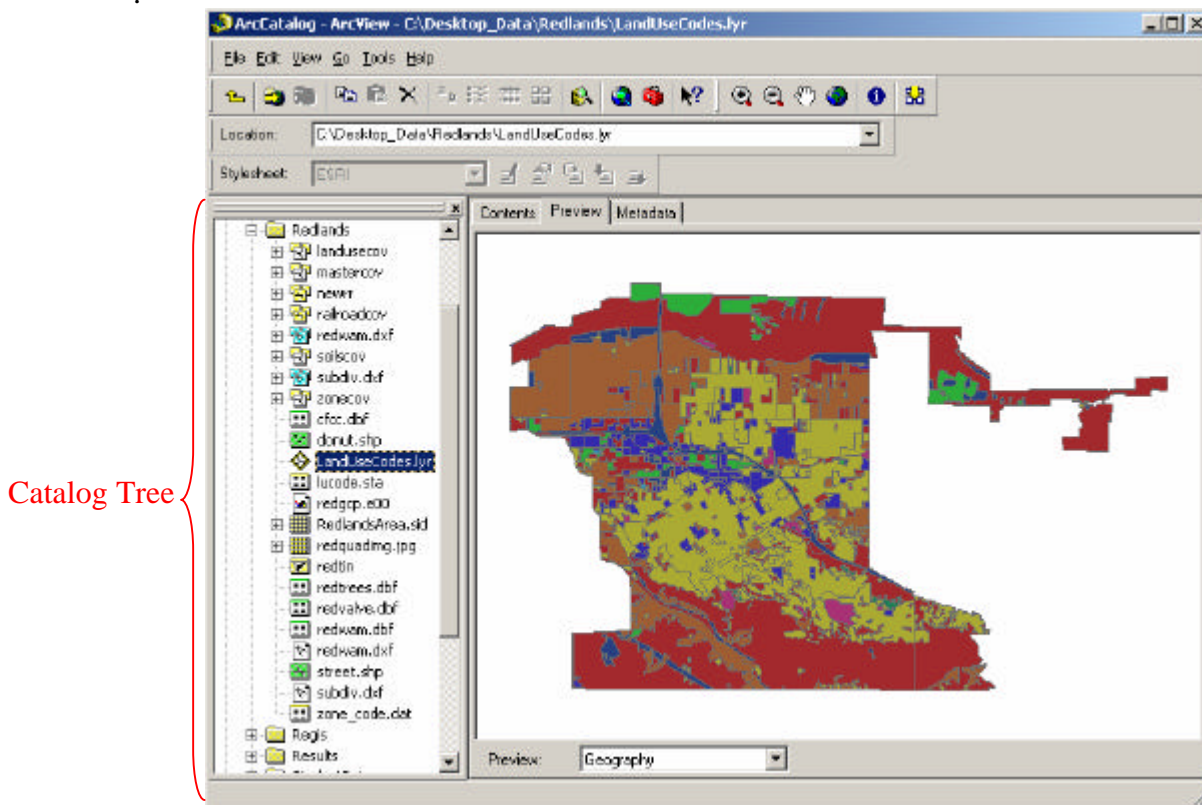
Introduction to ArcCatalog

Michelle Zeiders

Basics

ArcGIS is a Geographic Information System (GIS) software product developed and distributed by the Environmental Systems Research Institute, Inc. in Redlands, CA (www.esri.com). The core technology of ArcGIS is a suite of integrated applications that include: ArcMap, ArcCatalog, and ArcToolbox. Using these three applications cooperatively, a user can create maps, query data, analyze spatial relations, edit feature shapes and attributes and manage data. This resource document will focus on primarily on ArcCatalog.

ArcCatalog can be thought of as a window into your database. In ArcCatalog, you can browse, find, preview (data or attributes), organize, distribute, manage and document your GIS data. ArcCatalog resembles the Microsoft Windows Explorer but is designed for viewing geographic databases, maps, and metadata. ArcCatalog can be started from a shortcut on the desktop, or in the program menu. The Catalog Tree gives you access to all the Catalog's contents. In the ArcCatalog window shown below, the Catalog Tree is on the left side of the image



Recent Publications

Booth, Bob, and Andy Mitchell. Getting Started with ArcGIS. Redlands California: ESRI Press, 1999-2001.

Davis, David E. GIS for Everyone. Redlands California: ESRI Press, November 2000.

Ormsby, Tim, Eileen Napoleon, Robert Burke, Carolyn Groessl and Laura Feaster. Getting to Know ArcGIS Desktop. Redlands, California: ESRI Press, June 2001.

Vienneau, Aleta. Using ArcCatalog. Redlands, California: ESRI Press, 1999-2001.

What is ArcGIS?. Redlands, California: ESRI Press, 1999-2001.

Zieler, Michael. Modeling Our World. Redlands, California: ESRI Press, March 2002.

Penn State Resources

ArcGIS 8.2 is currently installed on all GIA Core PC's and on the PC's in the PRI Computer Lab.

Copies of all recent publications listed and many others are available in the GIA Lab Library, 8th floor of Oswald Tower. Other resources on the University Park Campus include the reference section of the Maps Library, B-Level of Paterno Library and the General Collection of books in the Earth and Mineral Science Library, 105 Deike Building.

Software specific training available at PSU - <http://www.gis.psu.edu/education.html>

- **On-Campus Software Training** - Non-credit GIS training courses that are available at several Penn State locations.
- **Online Certificate Programs** - On-line educational offerings.
- **ESRI Virtual Campus Subscription** - Penn State's Higher Education Site License for ESRI GIS software products now includes a subscription that entitles Penn State faculty members, staff members, and students to free, unlimited access to select online courses offered through ESRI's Virtual Campus.

Related GIS Resource Documents

GIS_RD_02-01, GIS_RD_02-13, GIS_RD_02-14, GIS_RD_02-15, GIS_RD_02-17,
GIS_RD_02-18, GIS_RD_02-19, GIS_RD_02-20, GIS_RD_02-29