



What is ArcGIS?

- An integrated collection of GIS software products for building a complete GIS

Desktop, Mobile, Server, On-line, Developer Tools and Viewers

- FWS primarily uses the **Desktop** family



Why ArcGIS?

- The defacto GIS software standard within the FWS

Who else uses ArcGIS?

- Most Federal & State Land Management Agencies
USGS, Forest Service, NPS, BLM, FWS



Who is ESRI ?

- Environmental Systems Research Institute,
Redlands, CA

<http://www.esri.com/index.html>



Are there other GIS software packages?



<http://www.intergraph.com/>



<http://www.pbinsight.com/welcome/mapinfo/>



<http://grass.osgeo.org/>



ArcGIS Desktop, Versions 8.3 - 10.0

ArcView - \$



ArcEditor - \$\$



ArcInfo - \$\$\$



You use one, you know them all !



ArcGIS Desktop, Versions 10.1

Basic - \$



Standard - \$\$

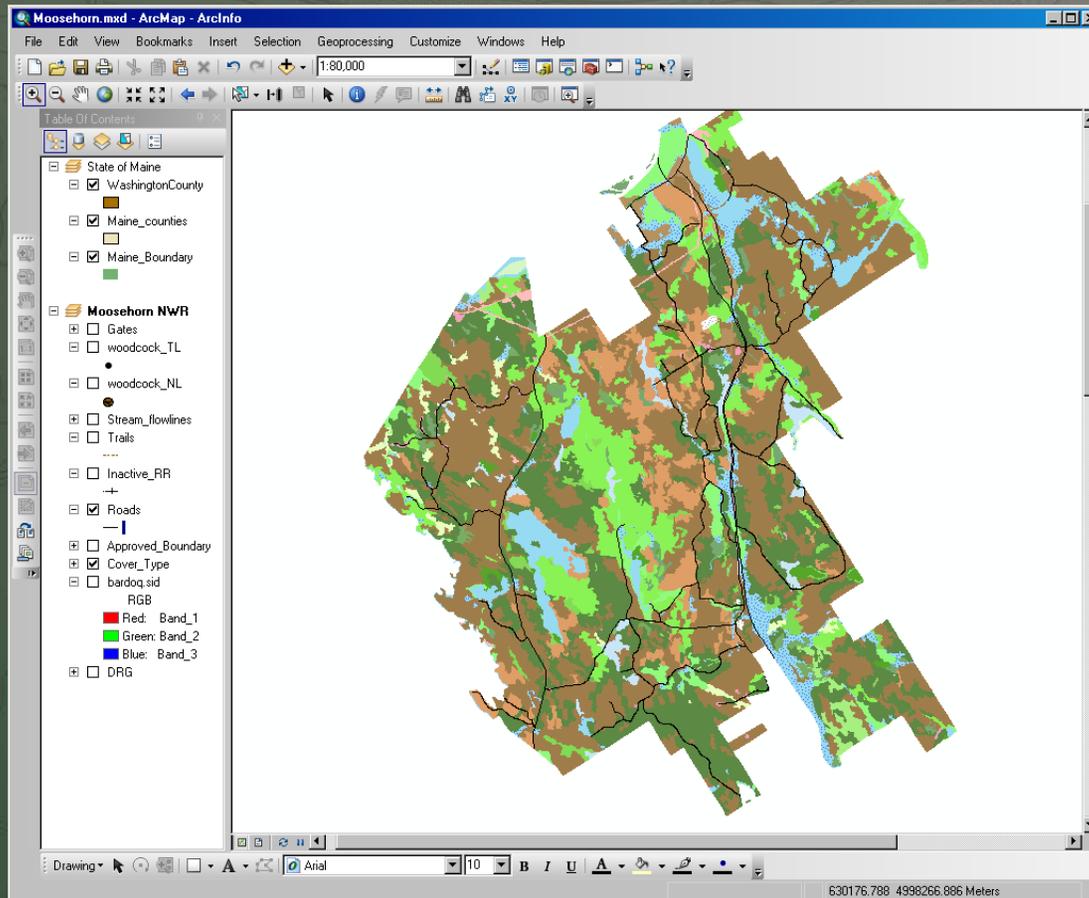


Advanced - \$\$\$





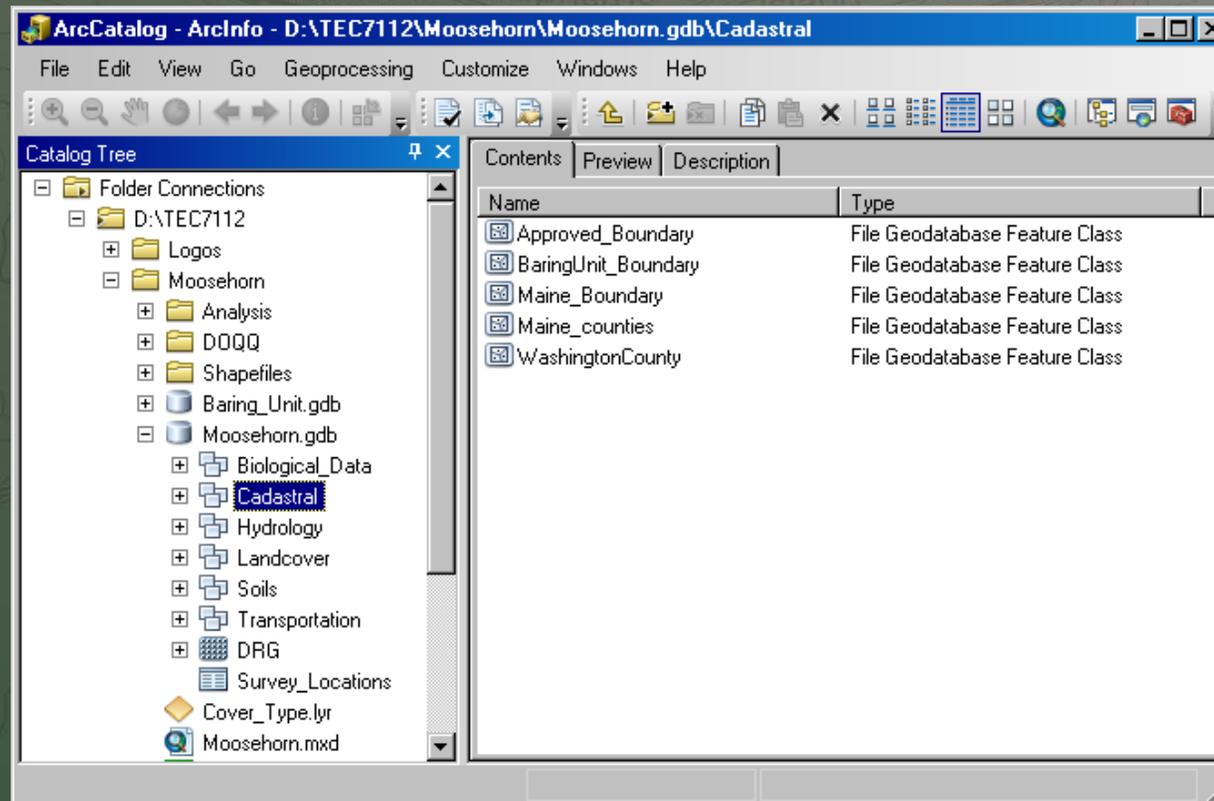
ArcMap



View GIS data
(graphically or in tables)
& create maps



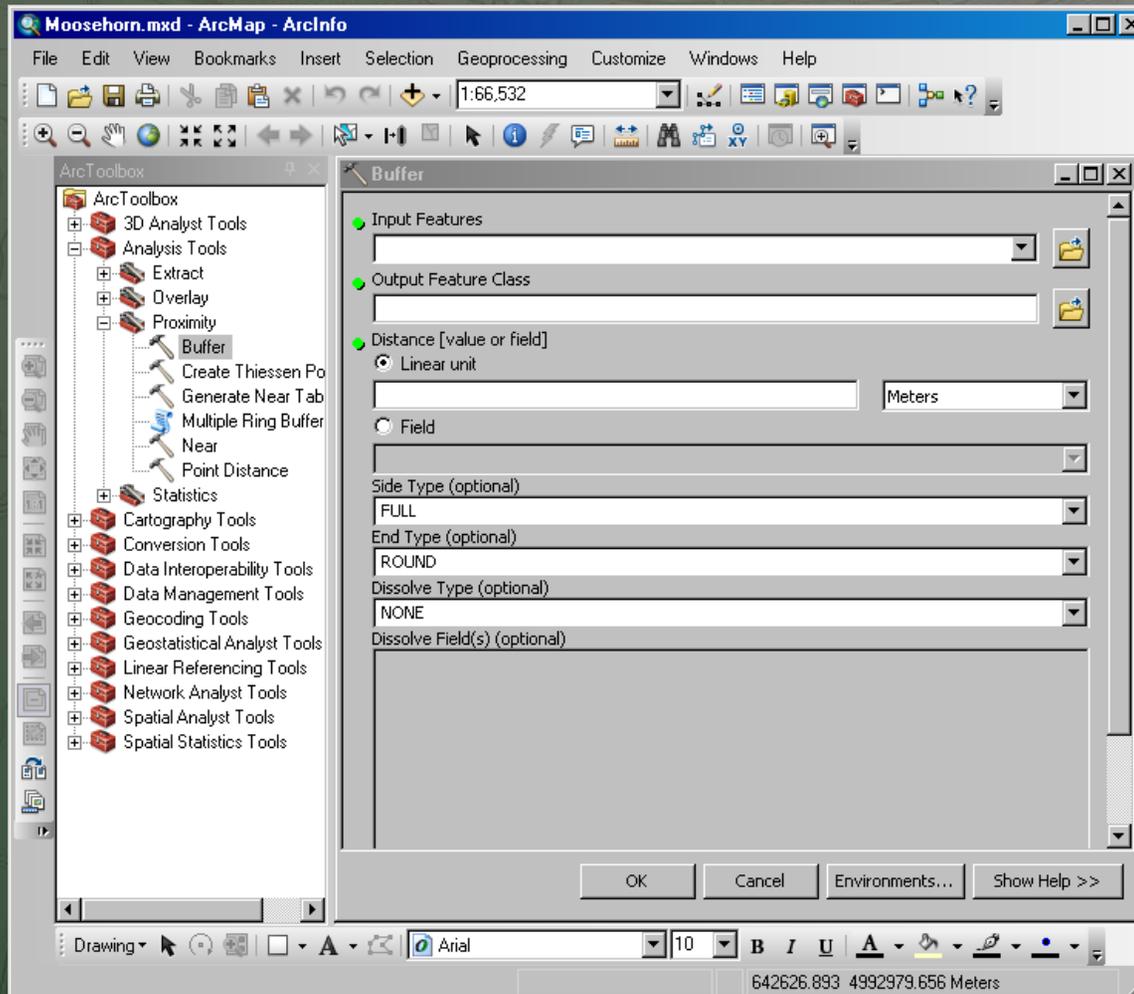
ArcCatalog



Manage & organize
GIS files



ArcToolbox



Manipulate GIS data
(reproject &
transform)



ArcInfo Workstation (1981-1999) Versions 1.0 - 8.0

- High end developers tool – High geek factor
- Hosted on a Unix, IBM mainframe or Prime Mini computer
- Command line - **Arc:**
- Proprietary Programming Language - AML
- Not user-friendly or for the casual user!



The old ArcView (1991-Present) Versions 1.0 – 3.3

- Originally developed for non-GIS specialists - Biologist, Managers, Recreation Planners
- GUI Graphical User Interface
- User-friendly, sort of
- Proprietary Programming Language - Avenue
- Reads Shape files and Coverages



FWS GeoSpatial Services SharePoint

<https://fishnet.fws.doi.net/projects/GIS>

- Regional Points of Contact
- FWS GIS Listserve
- ESRI Authorized Callers
- ESRI On-line Training
- NCTC Training/Courses/Workshop

Must be on the **FWS Active Directory** to gain access