

Coffee, Donuts and GIS

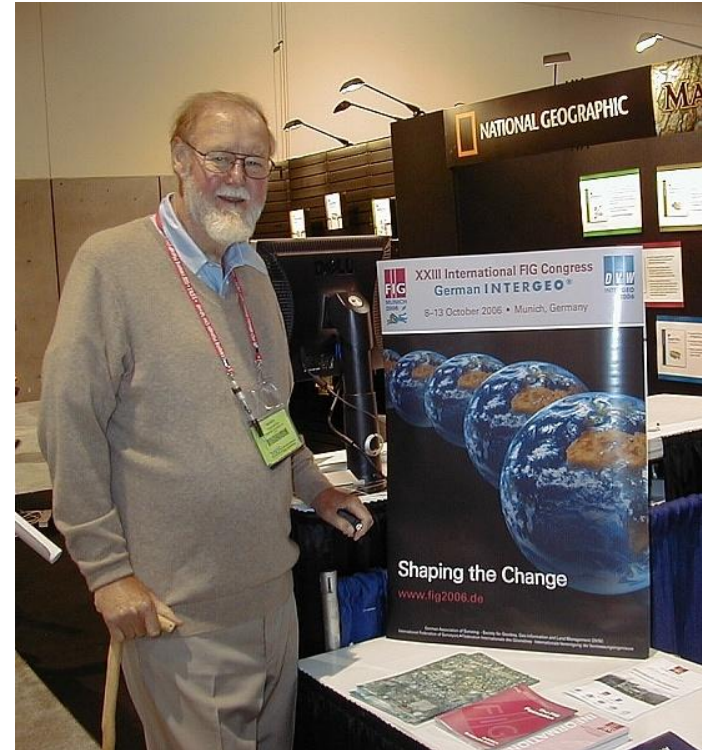
April 2, 2011

Dr. John E. Harmon

Use to User GIS Network

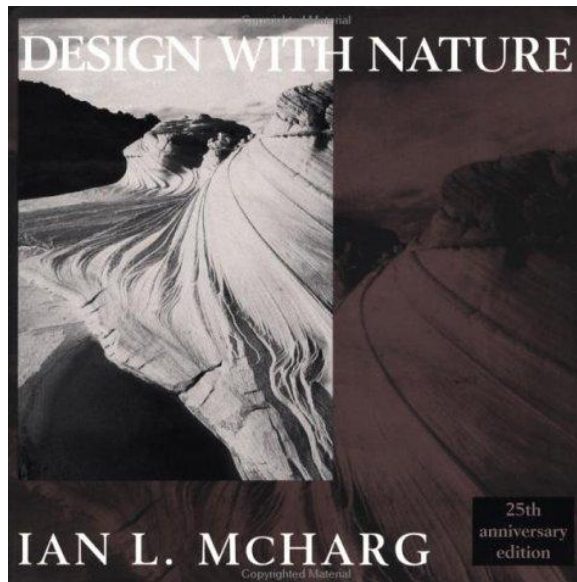
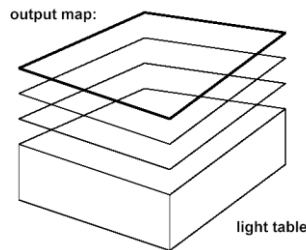
The Founding Fathers

- Roger Tomlinson – Canadian Geographic Information System
 - Early 1960's – The Canada Land Inventory
 - Most of Canada is owned by the government
 - What do we have and where is it?
 - What useful things might be there?



Founding Fathers, cont.

- Ian McHarg – Design with Nature\
- Cartographic overlay



Harvard Lab for Computer Graphics and (later) Spatial Analysis – Howard Fisher

- Development of first commercially viable GIS software – SYMAP
- ODYSSEY – first vector GIS capable of full polygon overlay – precursor to ArcInfo



Howard Fisher



Scott Morehouse, ESRI



1980s – “Let a Hundred Blossoms of Software Bloom”

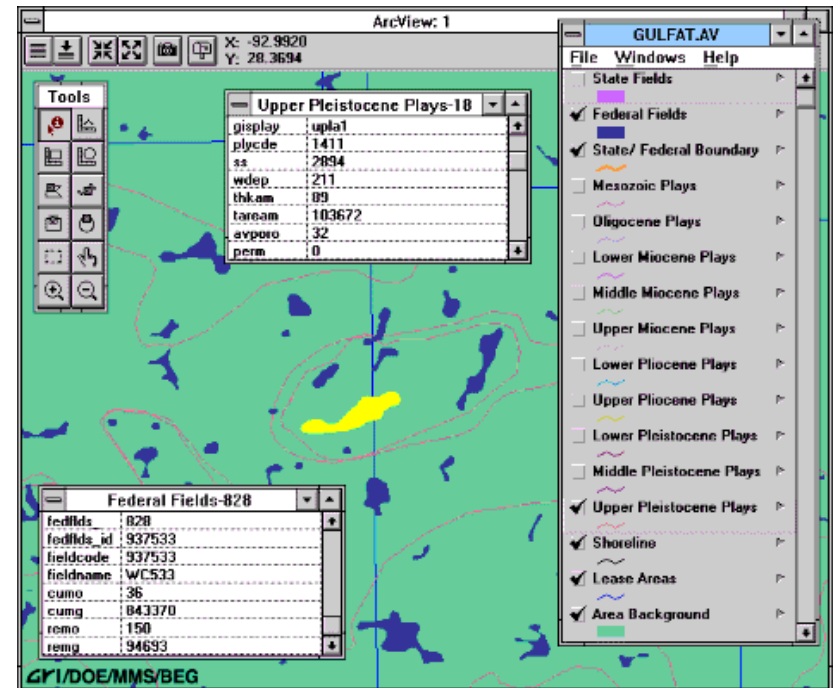
- Proliferation of companies
- Most now gone
- Utilities and local government become major markets
- Move from main-frame to mini-computers and then later to desktop computers
- Connecticut DEP
- Competing operating systems – UNIX (flavors), DOS and OS-2
- Rise of the Windows operating systems



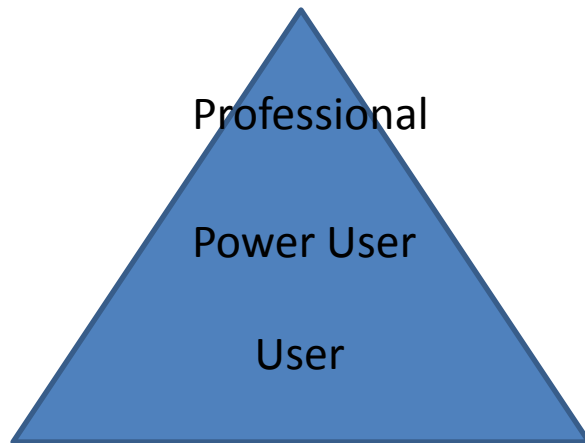
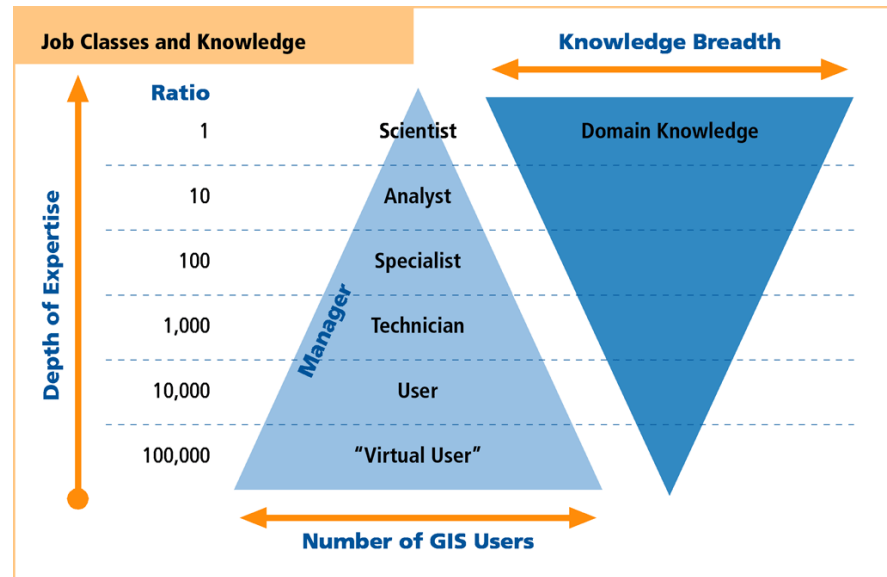
Sandy Prisloe

People - Software

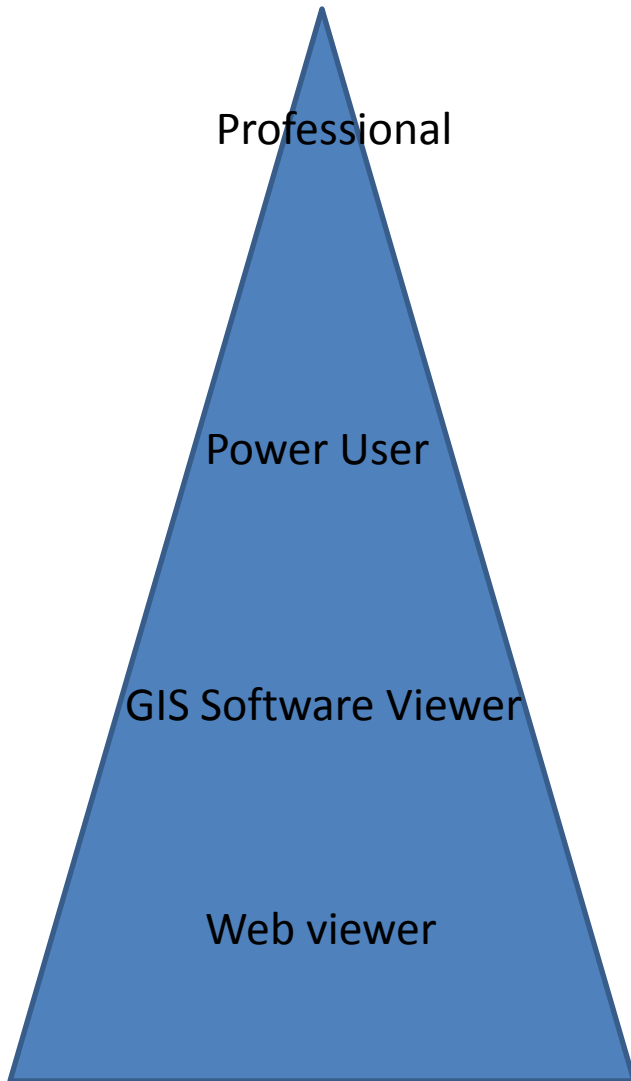
- 1990s – reduction of choices
- Not people alone but how they interact with the software
- Avoidance of the command line
 - ae
w c:\GISData\Water
ec mains
de arc on nodes on
draw
- Windows 3.0 in 1990 and ArcView 1.0 in 1993
- Viewers – **W**indows, **I**cons, **M**enus and **P**ointers. (WIMPS)



GIS People in Complex Organizations



The Pyramid in the 21st Century



- Professional
 - GIS is almost all of what he or she does
 - May carry professional certification GISP
- Power user
 - GIS is a lot of what he or she does
 - Are also professionals in some other area
 - Often owners and editors of particular layers of interest, e.g.
 - Zoning layer – owned and maintained by Planning & Zoning Power user
 - Land Parcels – attribute data owned and maintained by assessor; spatial data by the GIS Professional.
 - Road layer – Public Works
- Software Viewer
 - Use direct GIS software with limited or no editing capabilities
 - GIS a small percentage of job
- Web viewers
 - Use GIS occasionally through browser

Climbing the Pyramid

- Web viewer to GIS software viewer - decide on viewer, download and install
- Training (taking what is out there for free)
 - Online tutorials
 - Webcasts/webinars
 - Blogs
- Find your power user
- Start networking

<http://blogs.esri.com/Info/blogs/arcgisexplorerblog/archive/tags/Training/default.aspx>

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ArcGIS Explorer Online training seminar published

A recording of the June 17, 2010, ArcGIS Explorer Online live training seminar is now available for free, and it's a great way to familiarize yourself with this newest addition to the ArcGIS Explorer Online family.

Posted by [bszukalski](#) | (Comments Off)

Filed under: [Training](#), [Explorer Online](#)

Extending ArcGIS Explorer course now available ★★★★★

An ArcGIS Explorer developer course is now available for free via ESRI's online campus. The course is available in Microsoft Visual Studio 2008. You will learn how ArcGIS Explorer can be extended by creating custom toolbars and toolboxes.

Posted by [ArcGIS-Explorer-Team](#) | (Comments Off)

Filed under: [SDK](#), [Training](#)

Explorer Part III now available at ESRI Virtual Campus

Part III of a three part Introduction to ArcGIS Explorer training seminar has just gone live. The seminar is intended for both new and experienced ArcGIS Explorer users, and covers the basics of the Explorer Online interface and how to use the Explorer Online API.

Posted by [ArcGIS-Explorer-Team](#) | [1 Comments](#)

Filed under: [Training](#), [ESRI Virtual Campus](#)

People Wrap Up

- Becoming a better viewer
 - Get some freeware, shapefiles and start to play
 - Get your own data into Google Earth
 - Join ArcGIS online and get familiar with ArcGIS Explorer (online and desktop)
 - Come to the Northeast Arc Infor Users Group (NEARC) spring meeting Tuesday May 11 at Smith College in Northampton (about 30\$ and that include lunch). Mingle and see what people are doing.
- Viewer to power user?
 - Can be fun
 - Not an shallow learning curve
 - Know your organization's power user (if there is one)
 - Consider formal training
- Power user to GIS pro?
 - A rough road.

