

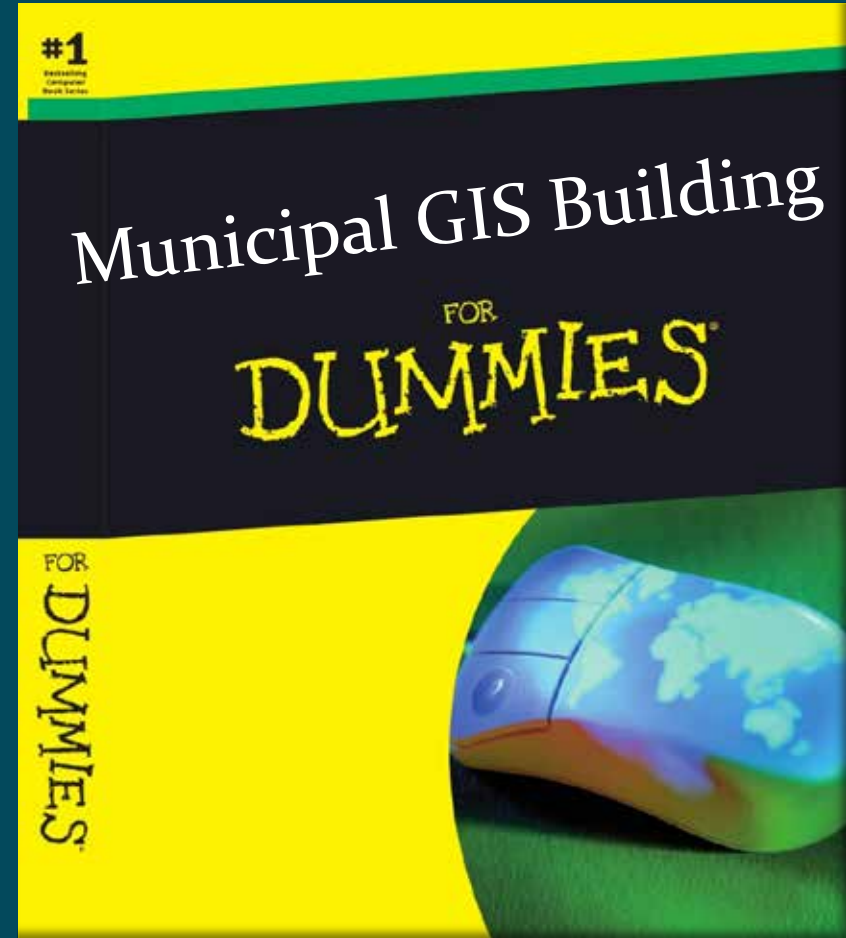
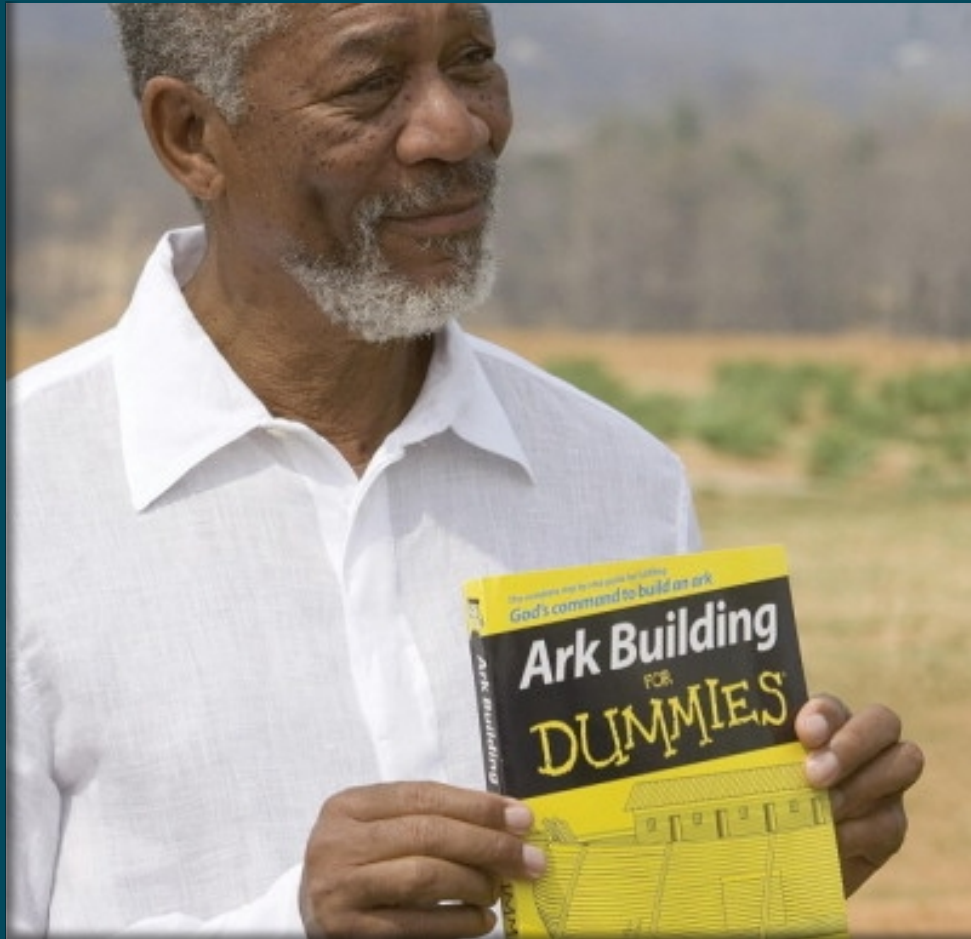
Building a GIS boat.

The first 40 days (or so...) of GIS in Arlington

Adam Kurowski, GIS Coordinator
Town of Arlington, MA

Day 1

Connect hardware...download free trail software...review existing data...



Day 2, 3...

Call some friends. Anyone know how to swing a hammer?
Build a boat? Captain a ship?

Thank you to all who heard my calling!

Chris - Bedford
Todd - Belmont
Feng - Brookline
Jeff - Cambridge
Matt - Concord
Leon - Dedham
Judy - Lexington

Doug - Netwon
Kim - Reading
Brian - Somerville
John - Westford
Beth - Winchester
Neil - MassGIS
Vin - TTOR
and many more...

Day 4

Anyone in the mood for some low-hanging fruit?

Completed first GIS request.



Day 5, 6, 7...

Who am I building this for? What are their needs? How tall is a giraffe?



Day 5, 6, 7...

Designing a boat to meet the needs of ~~animals~~ customers.

Interview questions for Department Heads

Information contained in this document is for planning purposes only

Department:

Date:

Contact:

GIS Steering Committee interest: Yes / No

Others present:

A. Does your department have any existing GIS data and/or other types of maps? Yes

- If yes, where are they located?
- How and when was the data developed?
- Has it been updated?

B. Do you have any other databases that may useful for GIS to link to or reference?

- If yes, where are they located?
- How and when was the data developed?
- Has it been updated?

C. What software have you used to manage GIS data?

○

D. Summarize your current projects that GIS could possibly support.

○

E. Summarize your department's future needs in general and related to GIS.

○

F. With your current and future projects in mind, what types of GIS data or analysis may be useful to develop?

○

G. What are some of your concerns related to GIS and integrating it into your department?

○

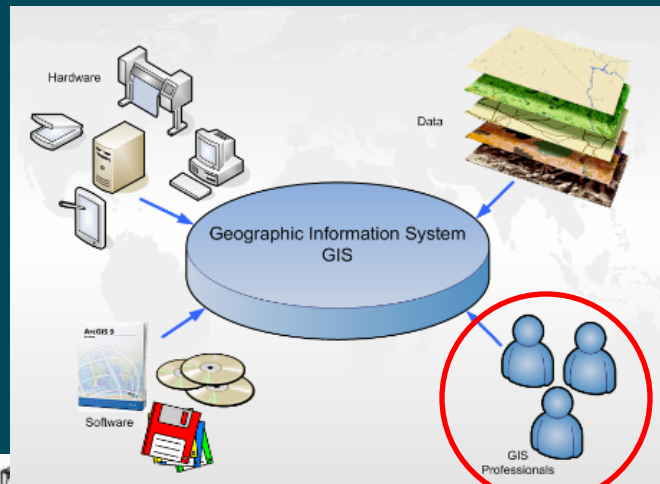
H. Other Comments

○

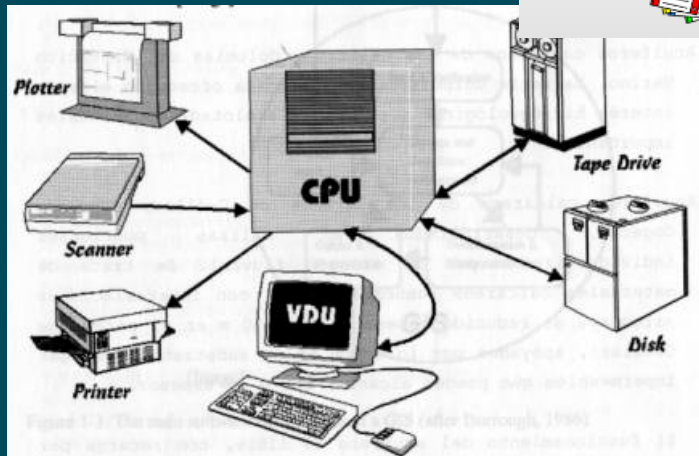
Everyday







Remember these graphics?! Components of a GIS.



Not just
GIS professionals



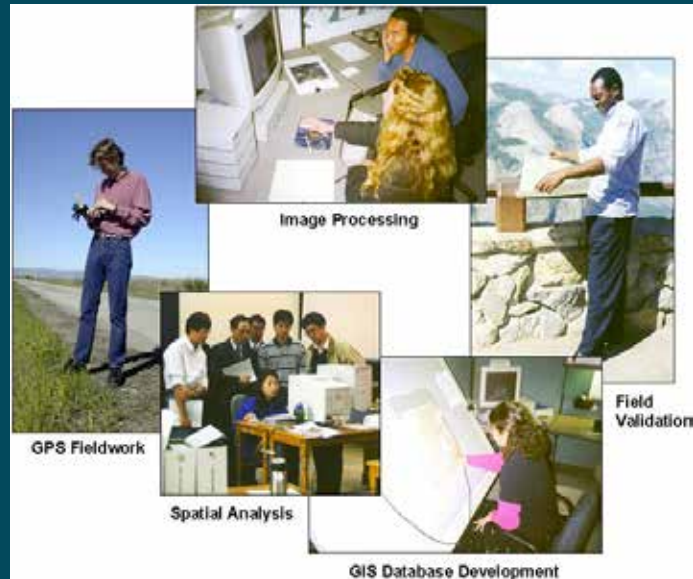
Not just hardware

- ✓ (1) Computer Hardware 
- ✓ (2) GIS Software 
- ✓ (3) Geographic Data 
- ✓ (4) People 

People #4?

My GIS is about People

GIS is made by PEOPLE for PEOPLE.



Day 14

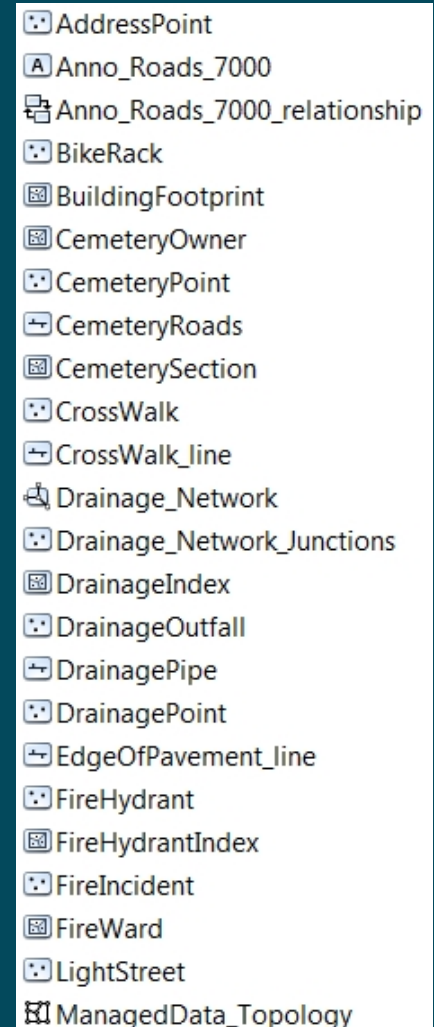
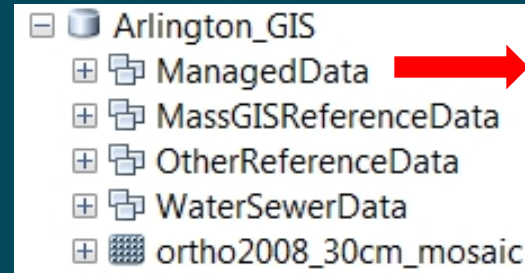
Start building...one nail at a time.
(note the brown hair...)



Day 14 (on-going)

The technical slide. Building the frame.

- **Main geodatabase**
- **Work Area**
 - **Data development**
 - **Modeling**
 - **Temporary files**



Day 28

A splash (of color) in month one.

- **Completed first high priority project**
 - **Cross-departmental effort**
 - **Inspections, Planning, & GIS Office**
 - **Immediate impact**
 - **Posted in conference rooms**



Day 35

Biggest Priority for Year One.

- **Elementary School Redistricting**
 - **Priority project discussed in interview**
 - **May 2010 thru June 2012**
 - **~10 public meetings**
 - **Newspaper/media coverage**
 - **First real public exposure**



Day 40

Judgment day?

- **Turns out you can't build the whole boat in 40 days!**
 - **Commemorated the day by reviewing some information gained thus far.**
 - **Felt I could see a large swath of the valley.**



Day 46

OK, I'll finally pay for some software.

- **Purchased one seat of ArcInfo 10**
- **2012 purchases**
 - **ArcEditor for Engineering**
 - **ArcView for Crime Analyst**
 - **PeopleGIS for use townwide**
 - **MapsOnline and PeopleForms**



Day 48

A design guide is developed, tailored to Arlington's needs.

**I am willing to
share my plan...
just ask.**


Town of Arlington, Massachusetts

Geographic Information Systems (GIS) Strategic Plan - DRAFT

Created: June 2011, updated September 2011; November 2012
By: Adam Kurowski, GIS Coordinator

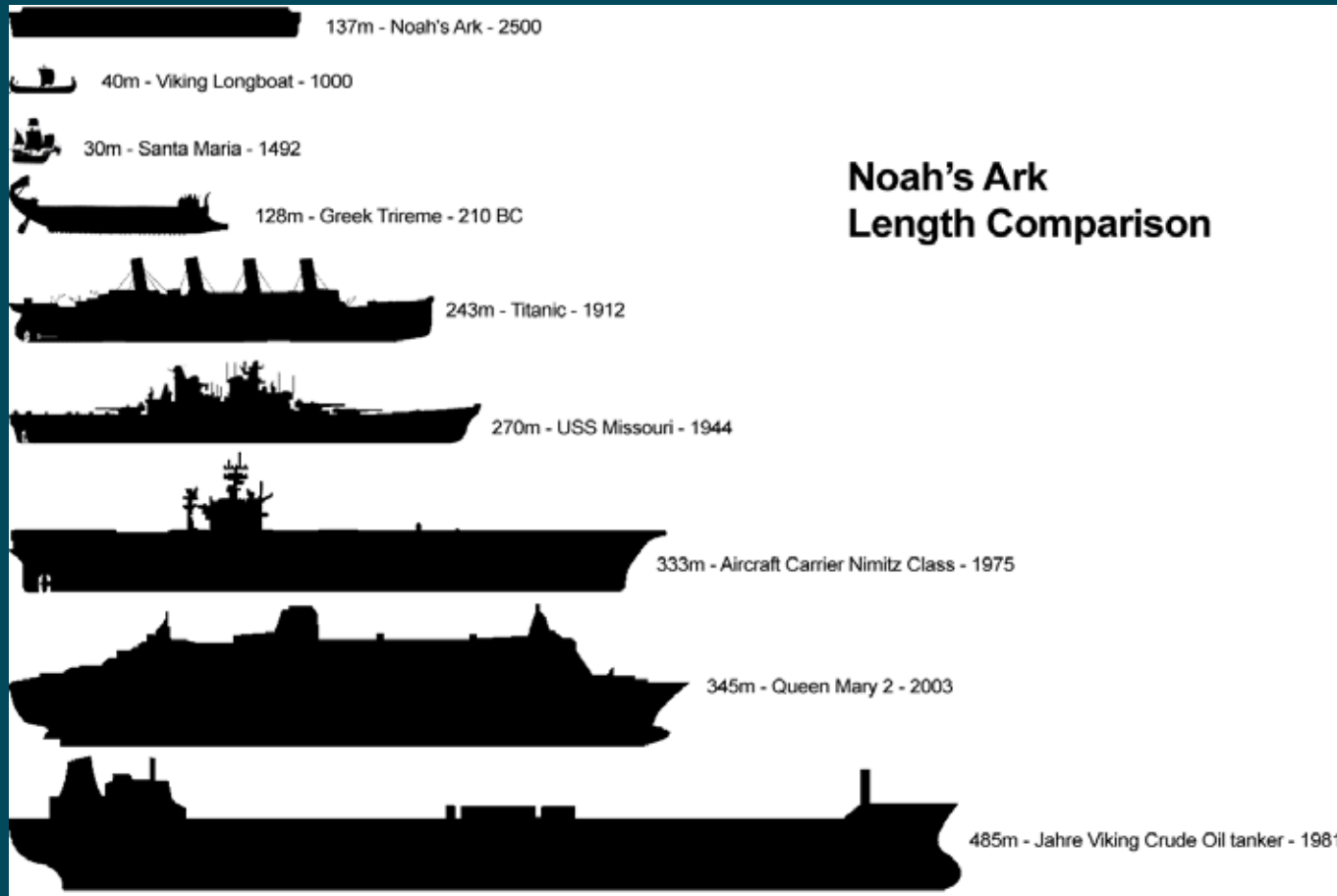
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 Prepared by the Town of Arlington
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Arlington, MA 02476
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The Surviving the Flood.

It's your boat. Design it to fit your needs.



The Vision.

Building with a purpose and to support many causes.



The End.

**Please contact me
with comments, questions, and advice.**

**Adam Kurowski, GIS Coordinator
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781-316-3385**



...white hair