Arc Pad Applications

Dara Olson, GLIFWC

- Components
- Benefits
- Drawbacks
- Example

What you need

- Arc Pad
- Application Builder
- Active Sync
  - free download
- PDA
- GPS

Benefits of Using ArcPad:

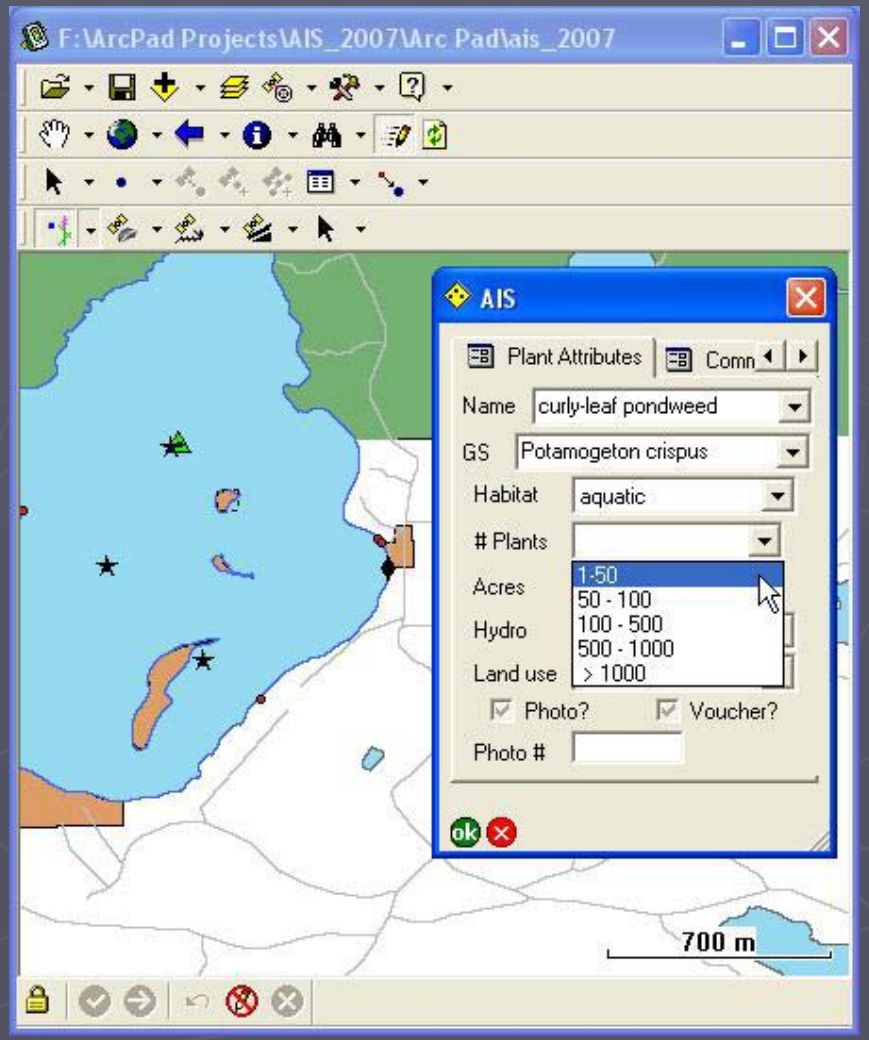
- Increase Productivity
- Increase Data Accuracy
- Extensive Customization Capabilities
- Navigation
- Enhanced Editing Tools

Increase Productivity

- Stream line data collection
  - Decrease data entry in the field
  - No manual data entry or field forms
  - No file conversions

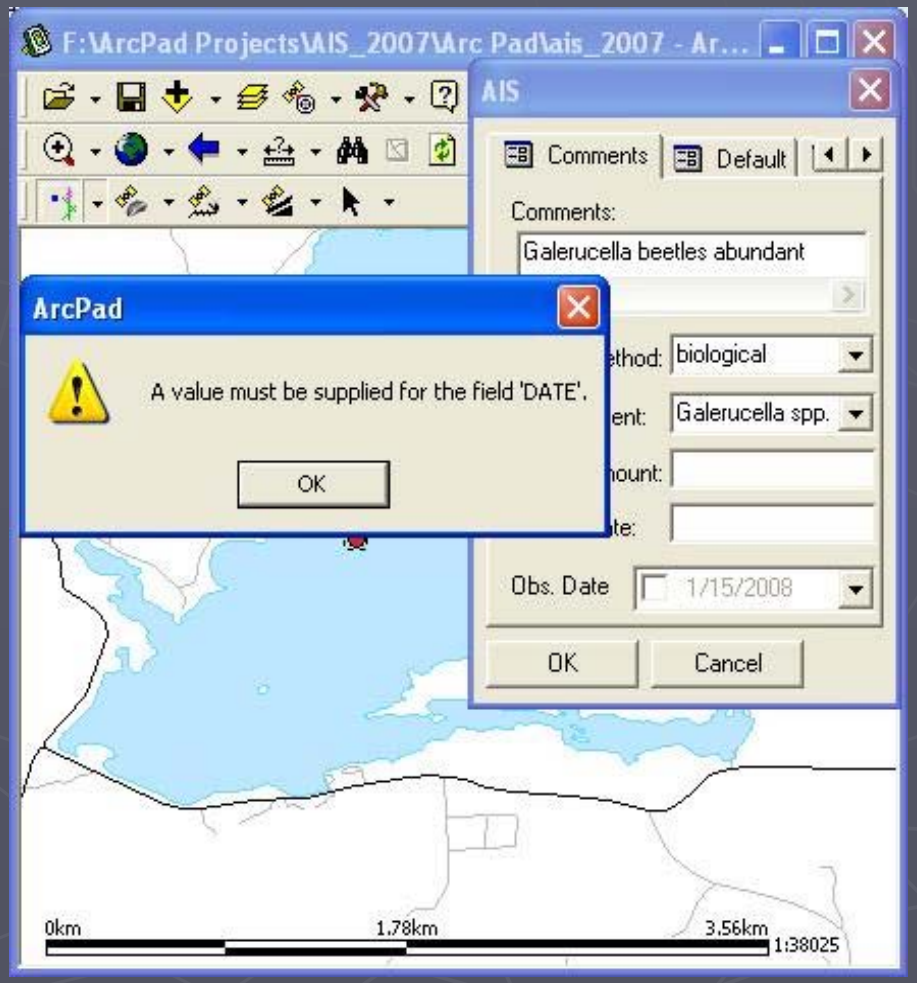
Increase Data Accuracy

- Custom Drop Down Menus
- Mandatory Fields
- Quality Options
  - Accuracy Requirements
  - Projections



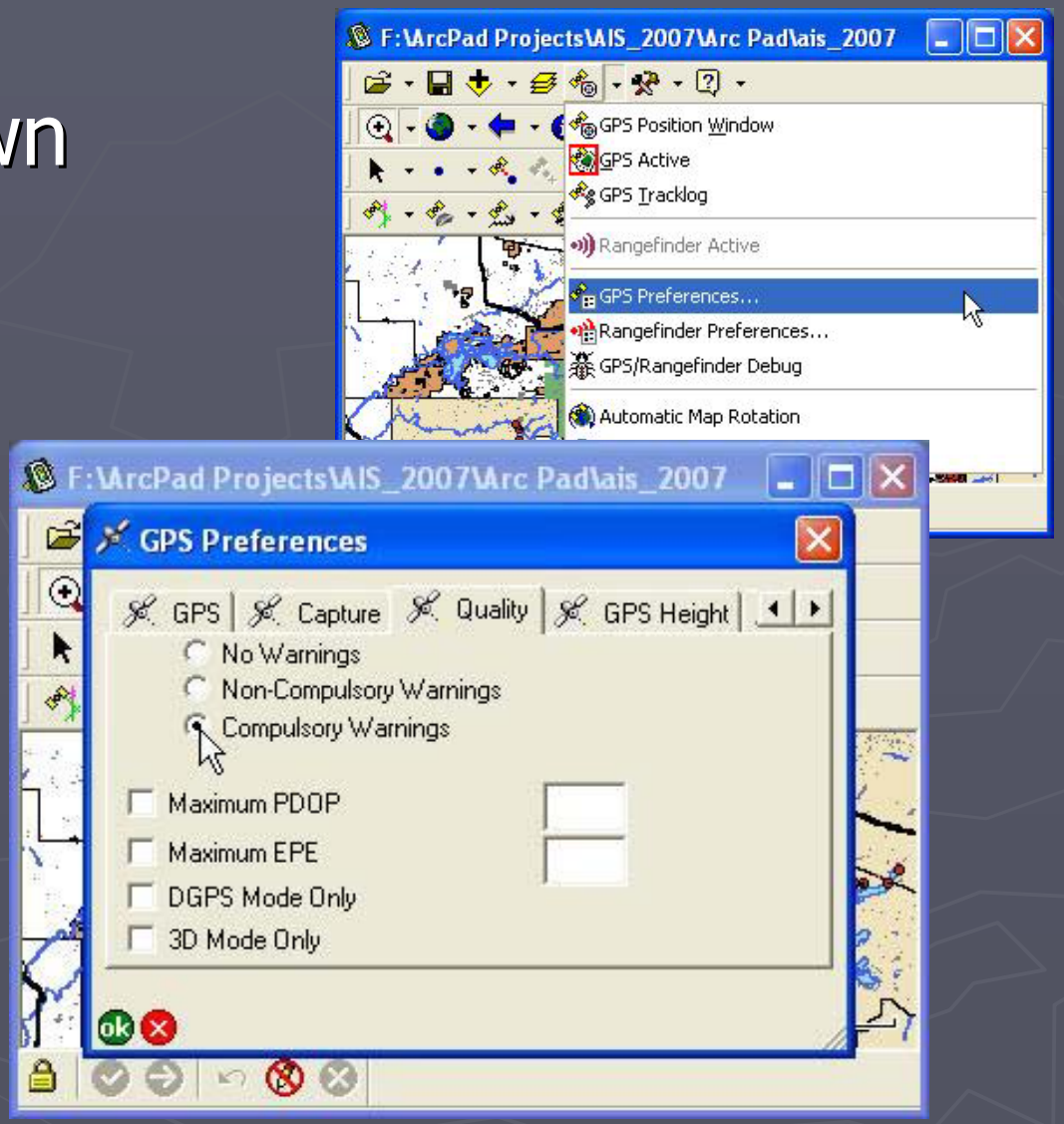
Increase Data Accuracy

- Custom Drop Down Menus
- Mandatory Fields
- Quality Options
  - Accuracy Requirements
  - Projections



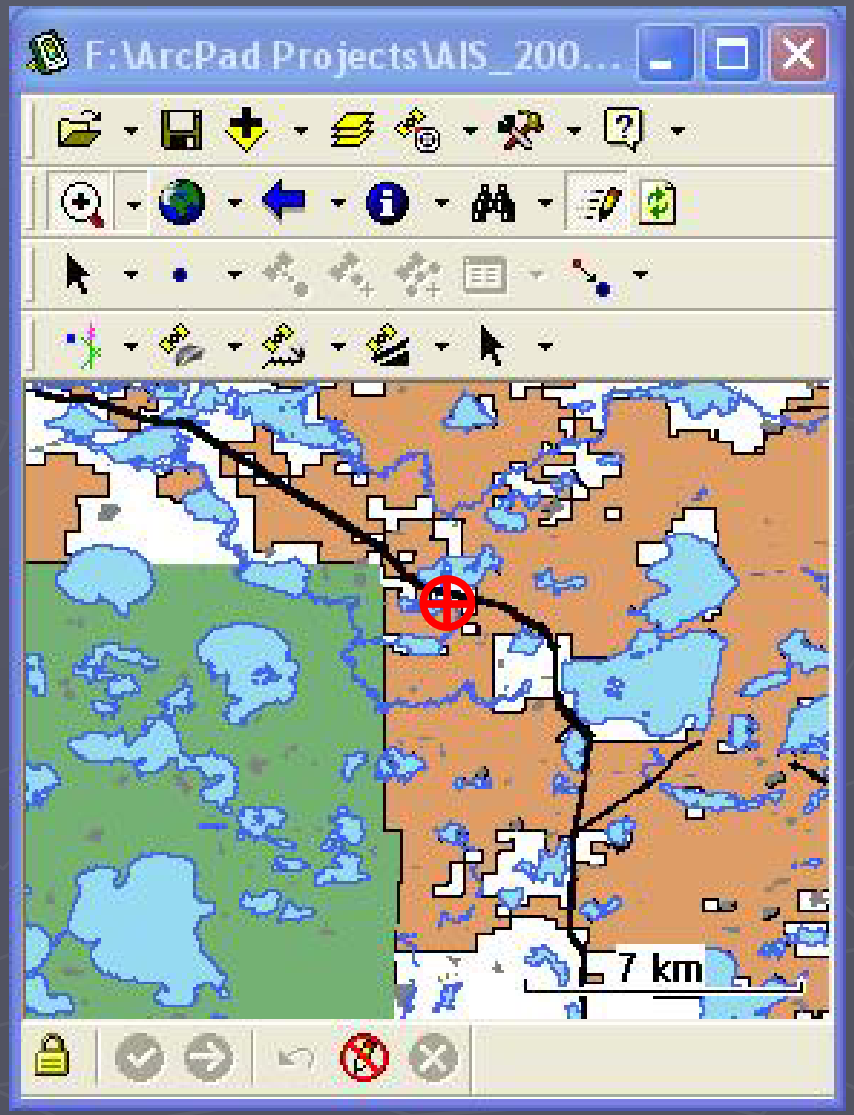
Increase Data Accuracy

- Custom Drop Down Menus
- Mandatory Fields
- Quality Options
  - Accuracy Requirements
  - Projections



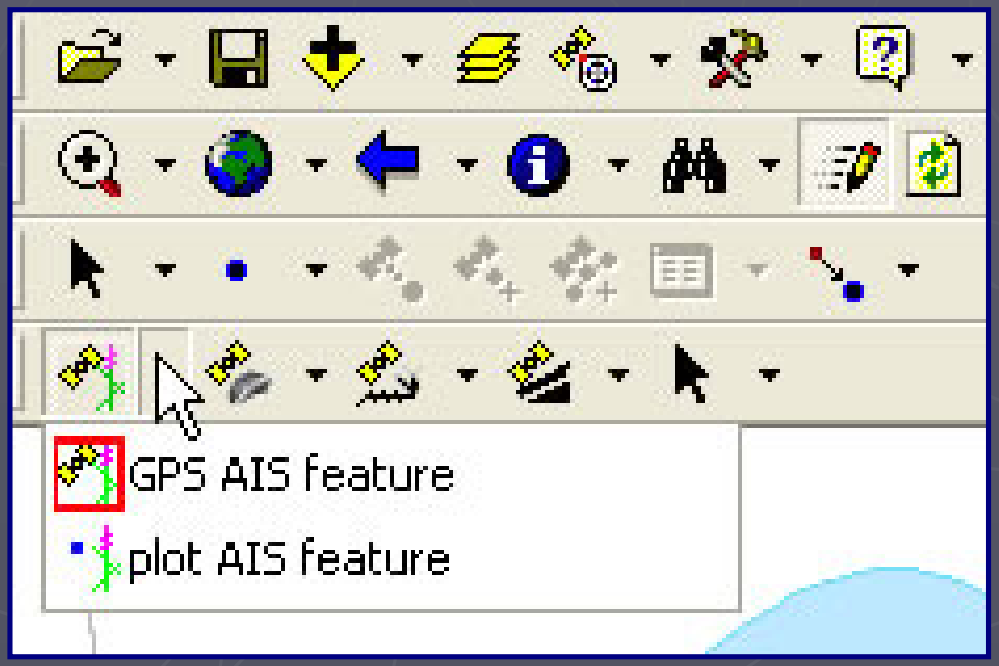
Navigation

- Maps & Layer in view
  - Relevant data
  - Ability to hand plot
- Navigate to a specific location
- Tracklog
  - Survey efforts



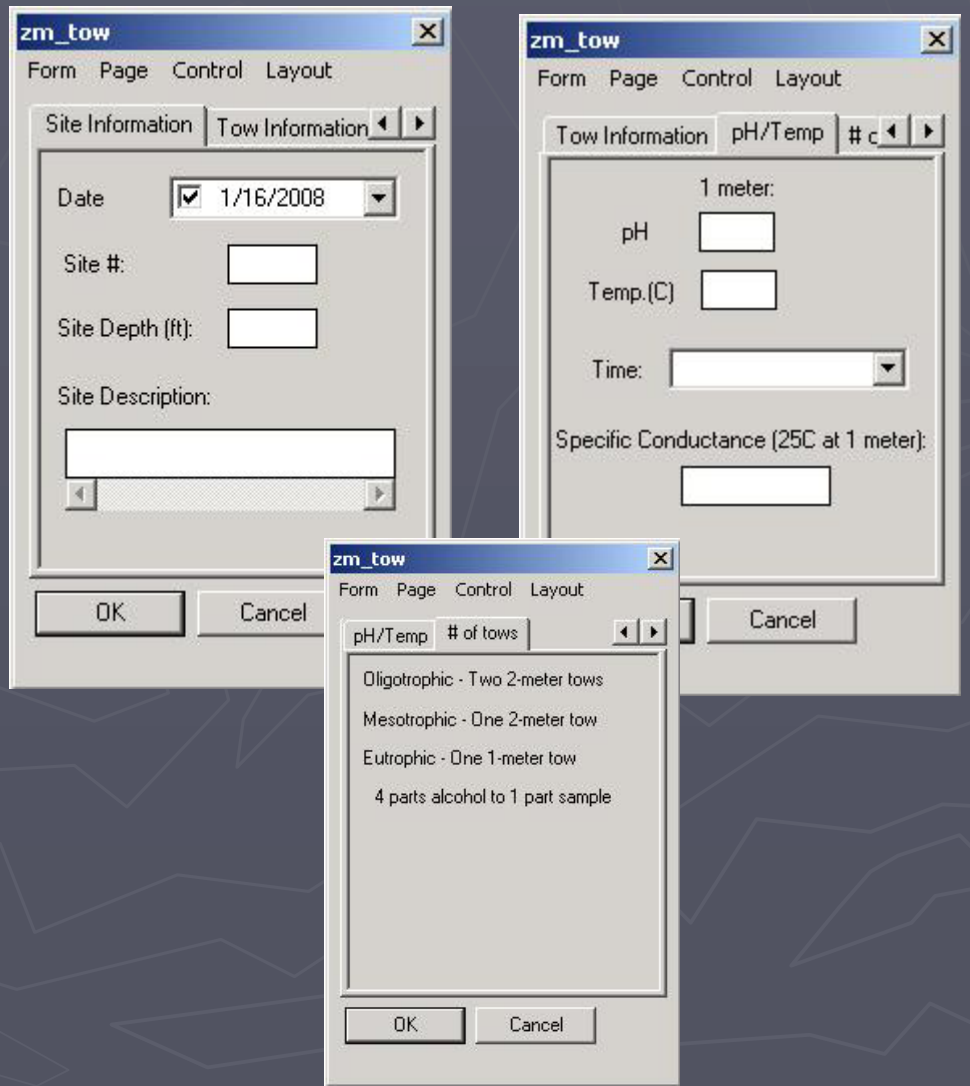
Custom to Your Needs

- Toolbars
- Tools
- Data Entry Forms
- Restricted Value Fields
  - String, Number, etc.



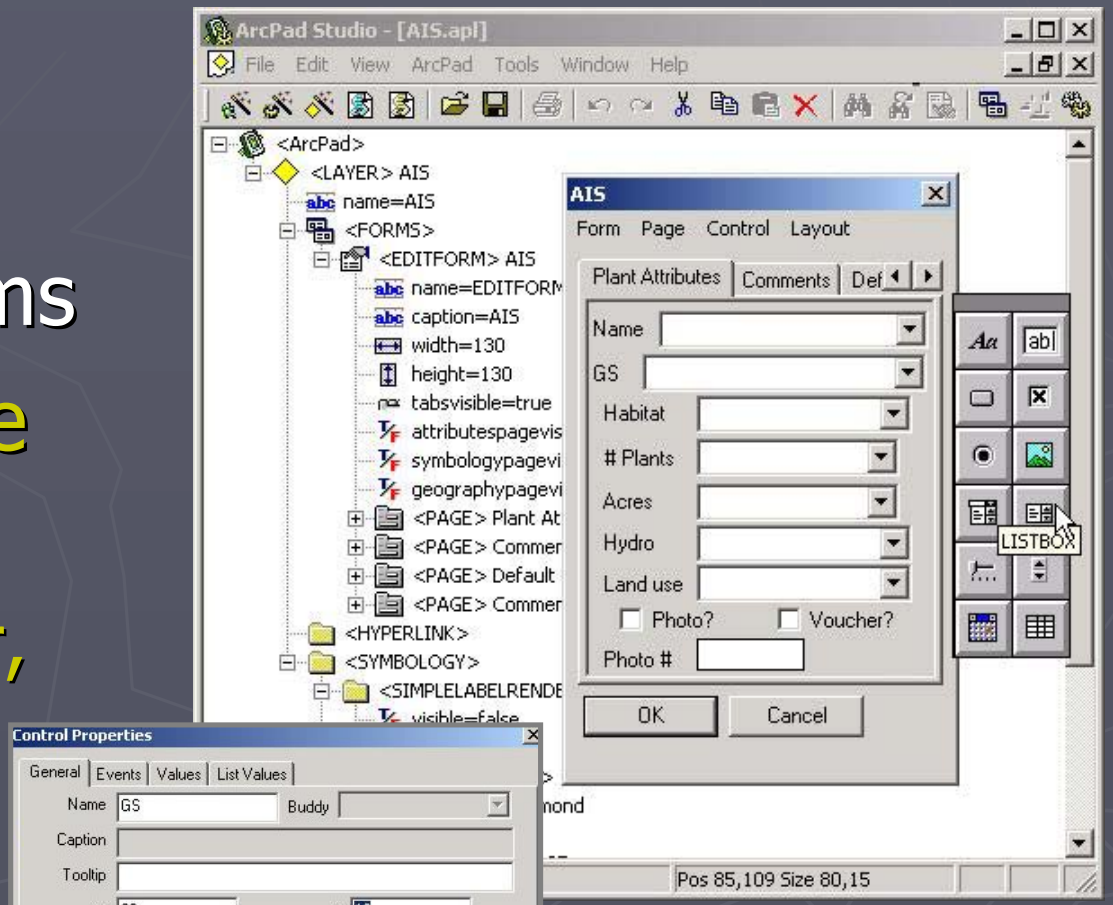
Custom to Your Needs

- Toolbars
- Tools
- Data Entry Forms
- Restricted Value Fields
  - String, Number, etc.



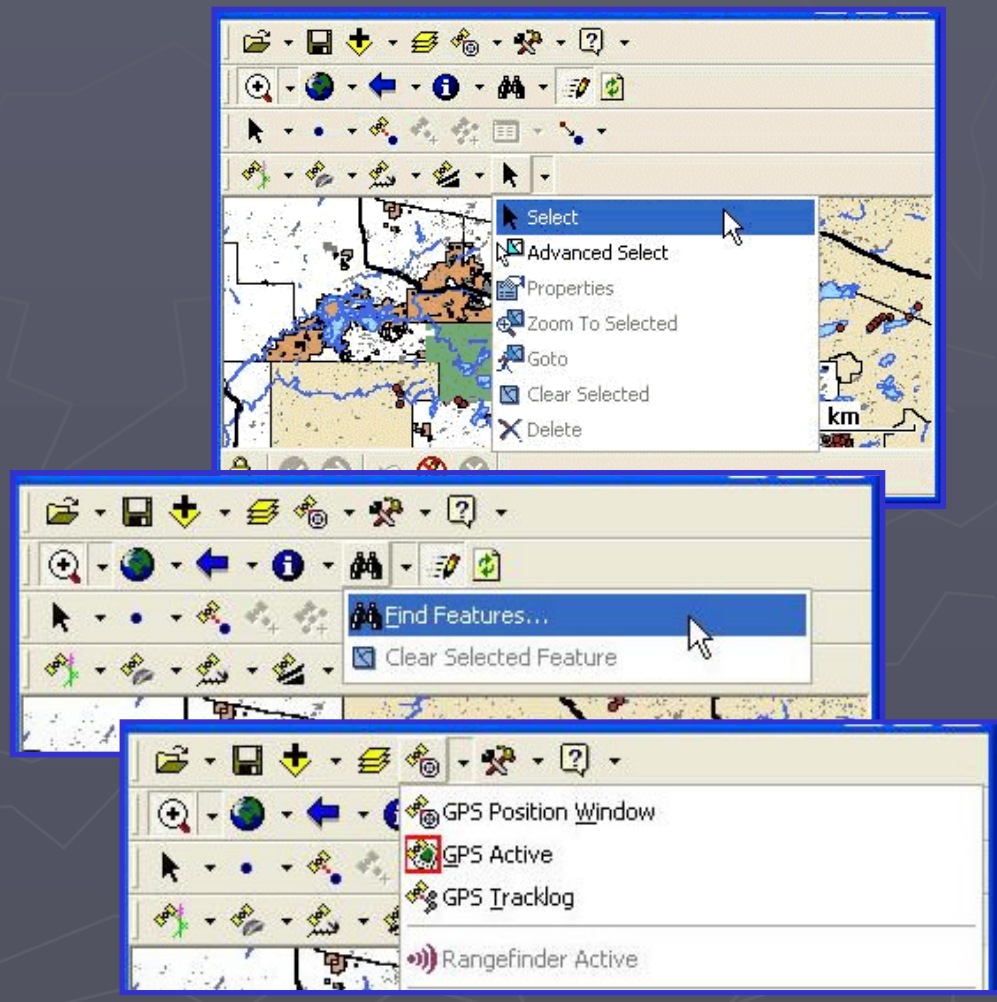
Custom to Your Needs

- Toolbars
- Tools
- Data Entry Forms
- Restricted Value Fields
  - String, Number, etc.



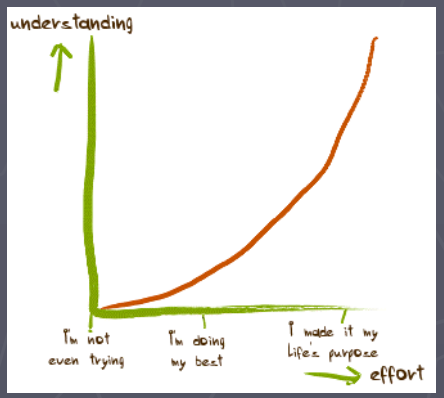
Enhanced Editing Tools

- Custom Icons
- Measure
- Query
- Spatial Bookmarks
- Edit/Update Existing Shapefiles
- Guide to a Location
- GPS Tracklog

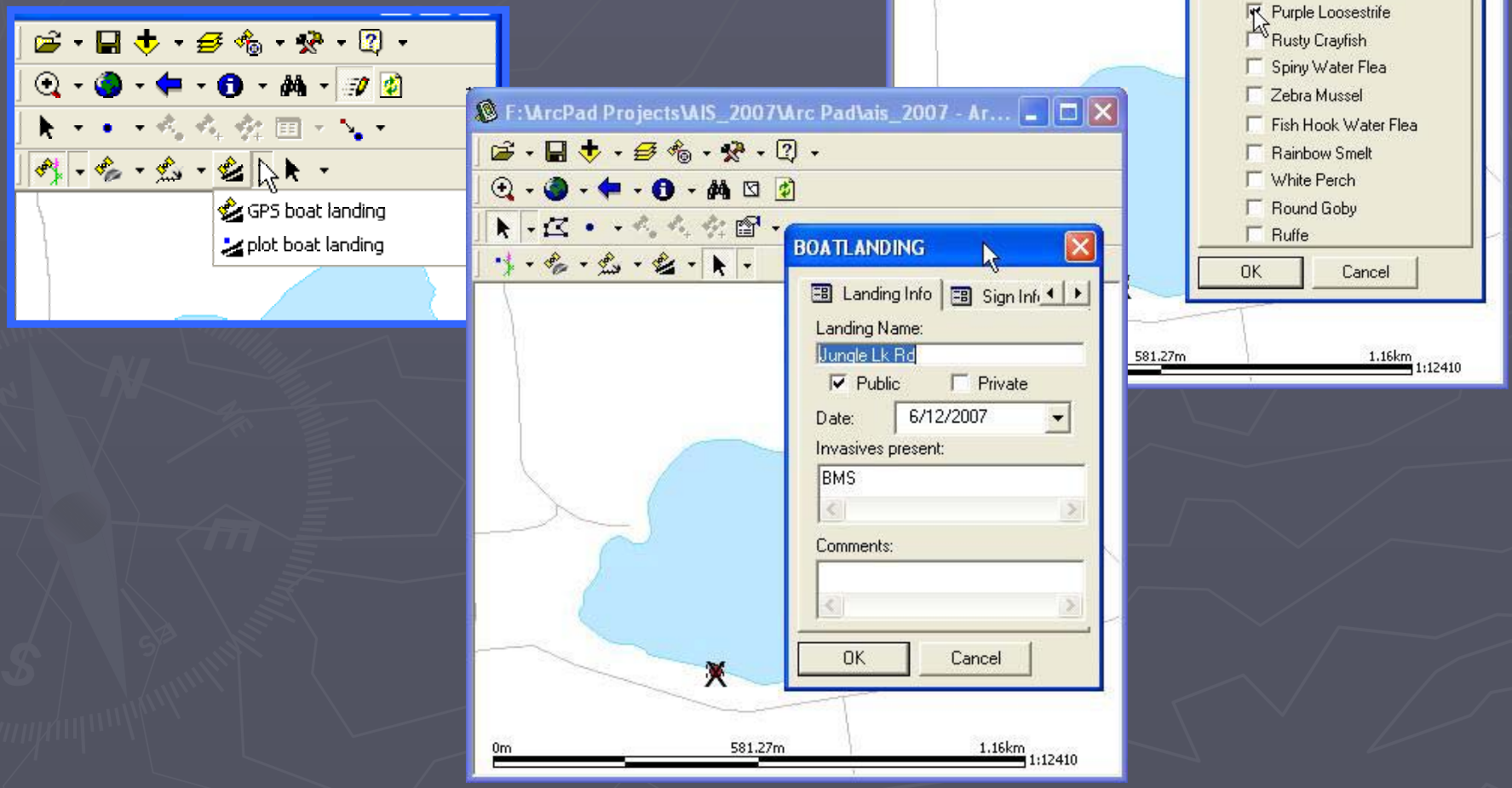


Drawbacks

- Cost
  - Made up by efficiency
- Learning Curve
- Gizmo Factor
  - Initial time to work out bugs



Example


GPS boat landing
plot boat landing
F:\ArcPad Projects\AIS_2007\Arc Pad\ais_2007 - Ar...
BOATLANDING
Landing Info
Sign Inf
Landing Name:
Jungle Lk Rd
Public
Private
Date:
6/12/2007
Invasives present:
BMS
Comments:
OK
Cancel
0m
581.27m
1.16km
1:12410
F:\ArcPad Projects\AIS_2007\Arc Pad\ais_2007 - Ar...
BOATLANDING
Alert Decals
Addition
Curly-leaf Pondweed
Eurasian Watermilfoil
Purple Loosestrife
Rusty Crayfish
Spiny Water Flea
Zebra Mussel
Fish Hook Water Flea
Rainbow Smelt
White Perch
Round Goby
Ruffe
OK
Cancel
581.27m
1.16km
1:12410

Questions?