Topics

- Define a Web Map
- Web Map Data Sources
- Author & Publish a Web Map
- Implementing Web Maps
- Web Maps in Action
- Review
- Q & A
Can Someone Please Define What a Web Map is
One Map
Web noun ‘web’ – how websites and software support and foster social interaction

Map noun ‘map’ – a visual representation of an area, a symbolic depiction highlighting relationships between elements of that space such as object, themes, etc...
Web Map noun \'web+map\ — 1. A collection of objects that share a map as the container

2. A visual representation of information designed to support communication, collaboration and informed decision-making

3. A tool for exposing unstructured business data

4. A tool for giving access to spatial data – existing or new

5. A tool for storing spatial data – existing or new

6. An interactive display of geographic information that you can use to tell stories and answer questions...
A Web Map Wraps
A COTS front end to your GIS

- Basemap
- Data Layers
- An Extent
- Legend
- Measure Tools
- Pop-up Menus
- Navigation Tools (pan, zoom, finders, & bookmarks)

Web Maps are a New Medium for GIS
Web Map Data Sources
Data Layers by Reference

- Map service
- Feature service
- Image service
- KML
- OGC WMS
- CSV

1) Authoritative Content
2) Available as service, KML, CSV
3) Consumed in a web map

Live data consumed from the authoritative source
Data Layers from Files

- Delimited text file (.csv and .txt)
- Shapefile (.zip)
- GPS file (.gpx)
- Editable layer created in the ArcGIS.com map viewer
Author & Publish a Web Map
Implementing Web Maps
ArcGIS Online

Catalogue

Users

Groups
Web Maps in Action
Sharing Enterprise Data

Embed a web map in your public web property
Who best to maintain enterprise datasets?
Enterprise Data Maintenance

Empower non-GIS staff to maintain data sets
Distributed Data Maintenance

Capture local knowledge
Review

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Steps to evaluate UC sessions

- My UC Homepage > “Evaluate Sessions”
- Choose session from planner
  OR
- Search for session

www.esri.com/ucsessionssurveys
• Thank you for attending
• Have fun at UC2012
• Open for Questions

• Please fill out the evaluation:

www.esri.com/ucsessionssurveys

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