Maps and Geospatial Information from the Federal Government

{ Marcy Bidney, Penn State University

- Maps and Geospatial Data in general
- Finding maps/data produced by the Federal Gov't
- Data
- International maps/data
- Demos

Agenda

& Maps today are not just about finding your way

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- Map as visualization
- Map as analysis
- Map as teacher

What is a map?

❧ I'd like to find a map of school districts in Idaho

❧ I'd need a map of housing affordability in Los Angeles

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- Department of Education
- Department of Housing and Urban Development
- Geospatial Platform
- Data.gov

Agency Approach?

- I need a map showing population change by county in NJ from 1980-1990
- Is there a map that shows the increase in the use of cell phones from 1980-1990

It doesn't always exist

❧ Other places to find data

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- State geospatial portal
- ESRI
- Natural Earth Data
- Data.gov
- World Resources Institute
- Diva-GIS

Data

❧ Atlases are rich sources for a variety of data

{ [Digital Ag Atlas of Myanmar](#)

[Atlas of World Languages in Danger](#)

Don't forget the atlas

℘ Visualizations

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Gapminder
Openheat Map
Many Eyes
Visual.ly

Gov't (and NGO) Data Outside the Gov't

International

- Africa
  - Liberia
  - Kenya
  - Botswana

- Afghanistan
  - Information Management Services

- European Union
  - GMES
  - My Ocean

- India
  - Census of India

- UK
  - Ordinance Survey

Questions?

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http://tinyurl.com/grs-eval10

Evaluation

- **December 16:** PubMed, PubMed Central, and Medlineplus - What's the difference? with Lea Leininger, UNCG
- **January 5:** Creative Commons with Rosalind Tedford, Wake Forest University
- **Spring:** International organizations and more!

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