

Pop vs. Soda data as of October 3, 2002

■ "Pop"

■ "Soda"

■ "Coke"

■ Other



CSISS and the DDI

The Power of Spatial Metadata.

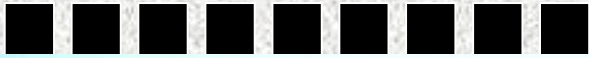
Scott Crosier – UCSB-CSISS

SSHA Conf – Oct 24, 2002



Ivory Towers

ECOLOGY



Anthropology

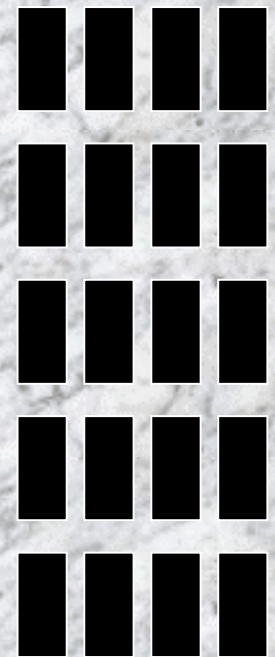


CSISS: closing the gap

ECOLOGY



Anthro



What is CSISS?

- **The Center for Spatially Integrated Social Science**
 - *To integrate spatial concepts into the theories and practices of the social sciences by providing infrastructure to facilitate: (1) the integration of existing spatial knowledge, making it more explicit, and (2) the generation of new spatial knowledge and understanding.*

Workshops

Best practices

Specialist meetings

Learning resources

Spatial analytic tools

Search engines



www.csiss.org

CSSAST

the CSISS Social Science Archive Search Tool

- A place-based search tool to extract social science datasets from distributed archives.
 - Look for data based on a location
 - In prototype phase
 - Resolution of country

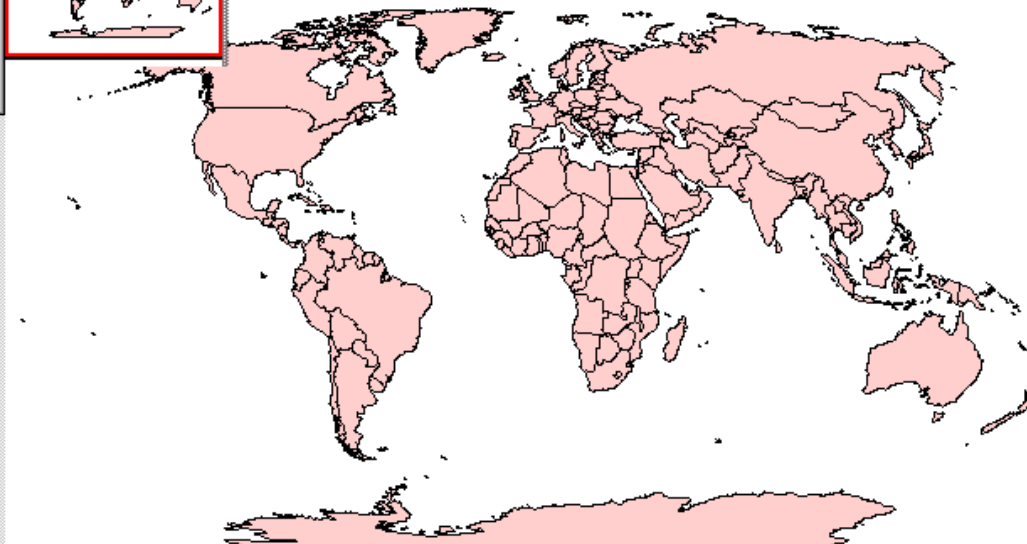




Social Science Archive Search Tool

Check the box next to the name or names of countries you wish to research.

- Afghanistan
- Albania
- Algeria
- Angola
- Antarctica
- Argentina
- Armenia
- Australia
- Austria
- Azerbaijan
- Bangladesh
- Belgium
- Belize
- Benin
- Bhutan
- Bolivia
- Bosnia and Herzegovina
- Botswana
- Brazil
- Brunei
- Bulgaria
- Burkina Faso
- Burma
- Burundi
- Byelarus
- Cambodia
- Cameroon
- Canada



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[Introduction](#)

[Search by Text Box Entry](#)

[Selecting a Country using the Alphabetical Listing](#)

Selecting Countries
Clearing Selections
Searching for Selection

[Selecting a Country on the Map Interface](#)

Selecting Countries
Clearing Selections
Searching for Selection

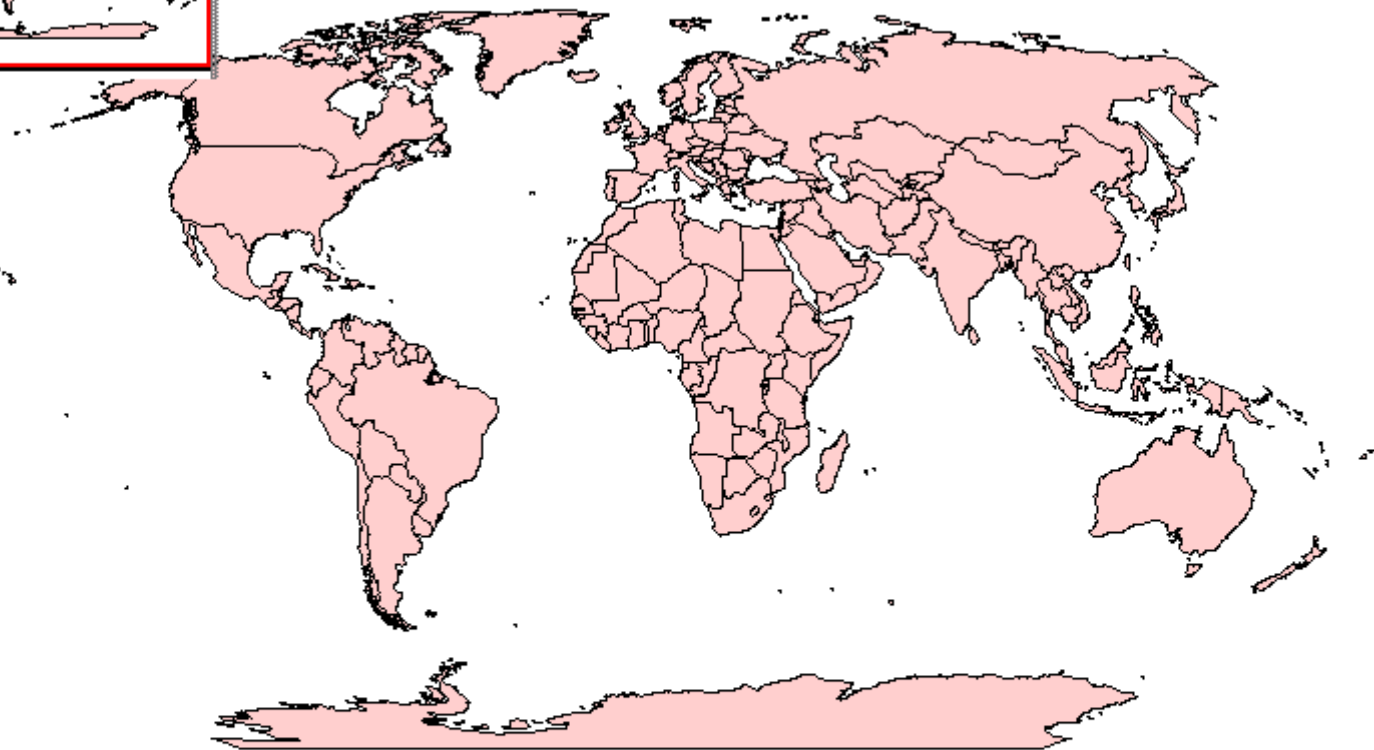
[Credit Related Information](#)

[Introduction](#)

The Social Science Archive Search Tool has been developed to allow a user to spatially search multiple data archives through one interface. This current phase of the interface allows a country (or countries) to be selected through an alphabetical listing or by selection on a map interface.

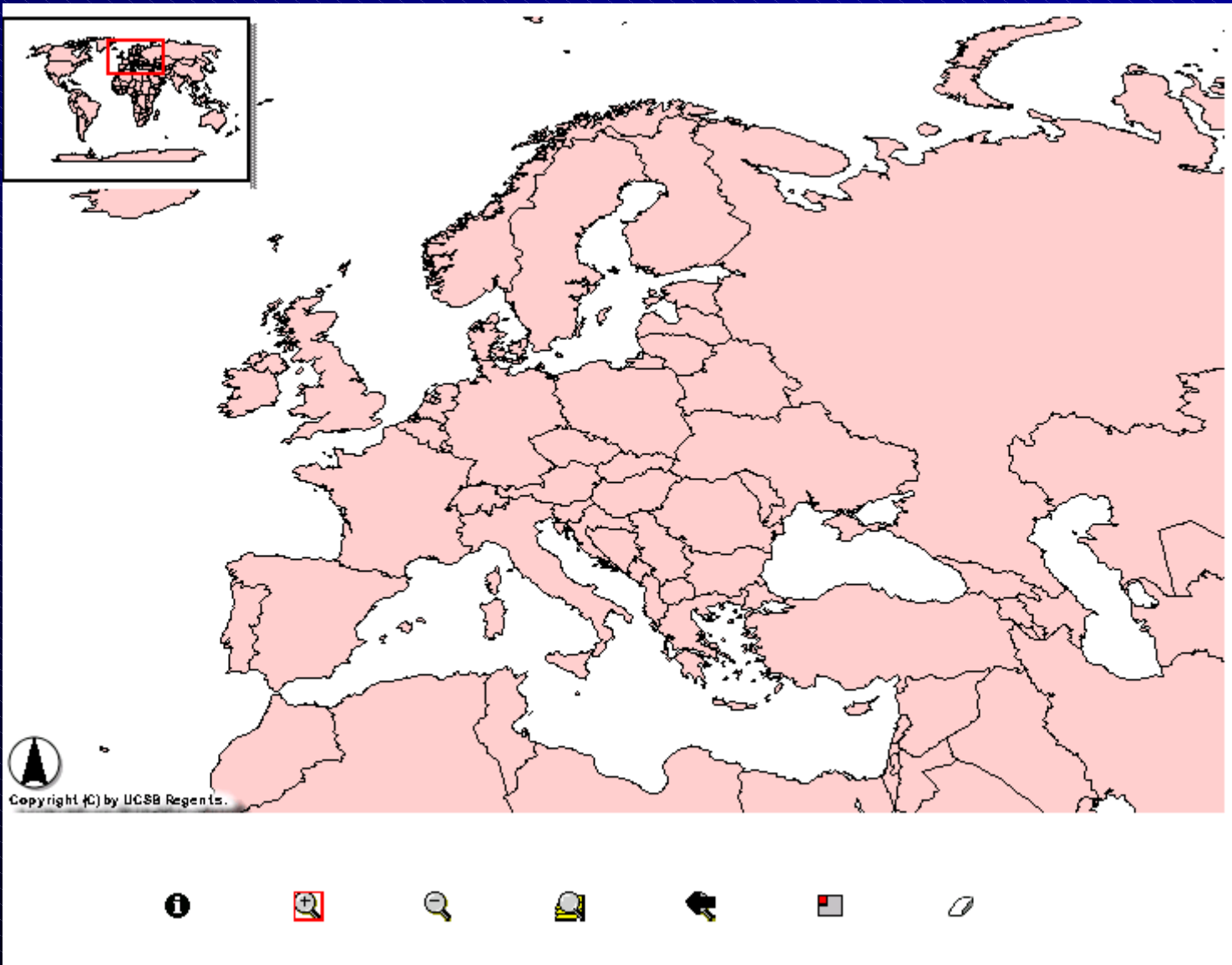
[Selecting a Country using the Alphabetical Listing](#)

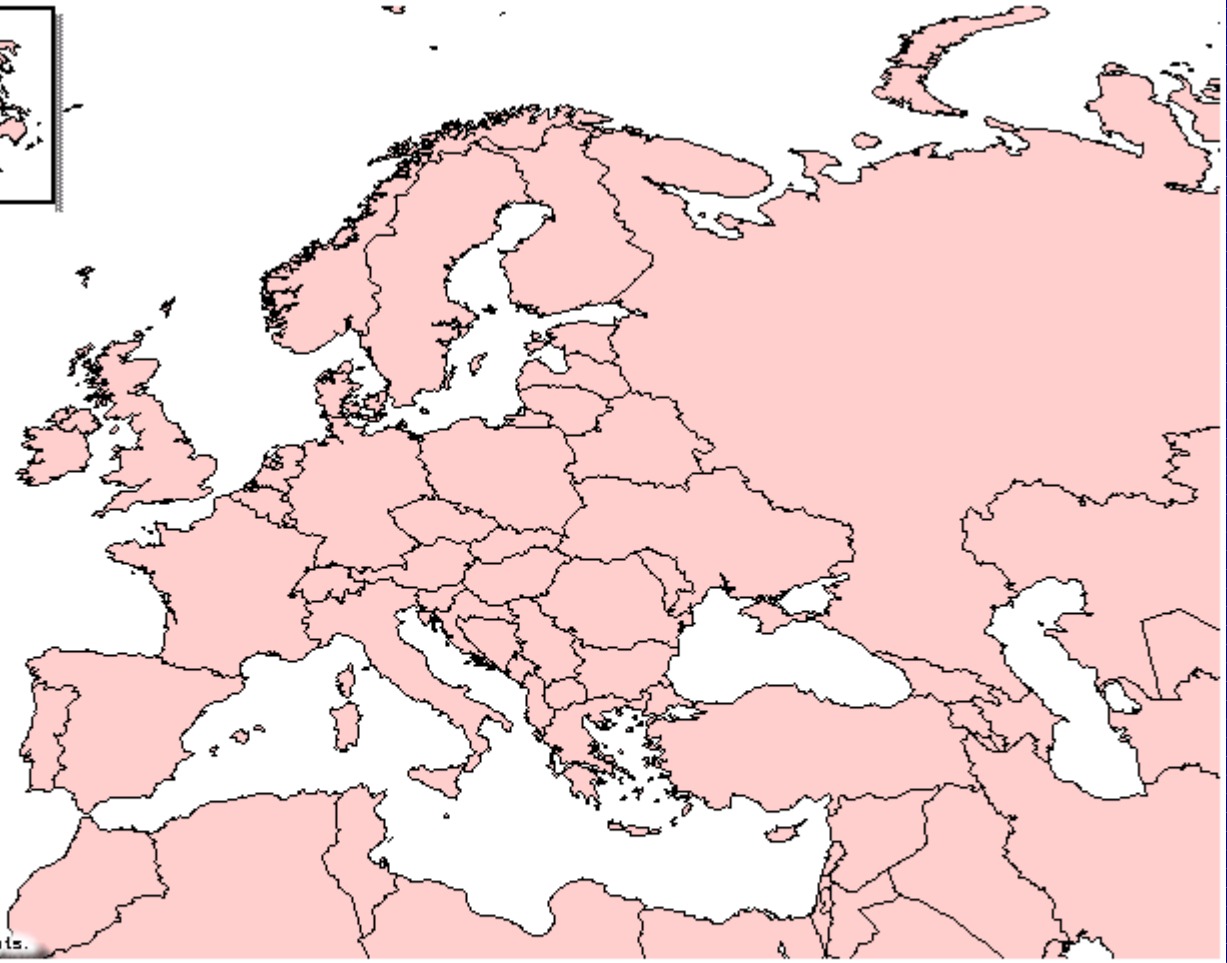
Selecting Countries
 As with many Internet forms, the check boxes in the left frame allow one to check the box next to the country name



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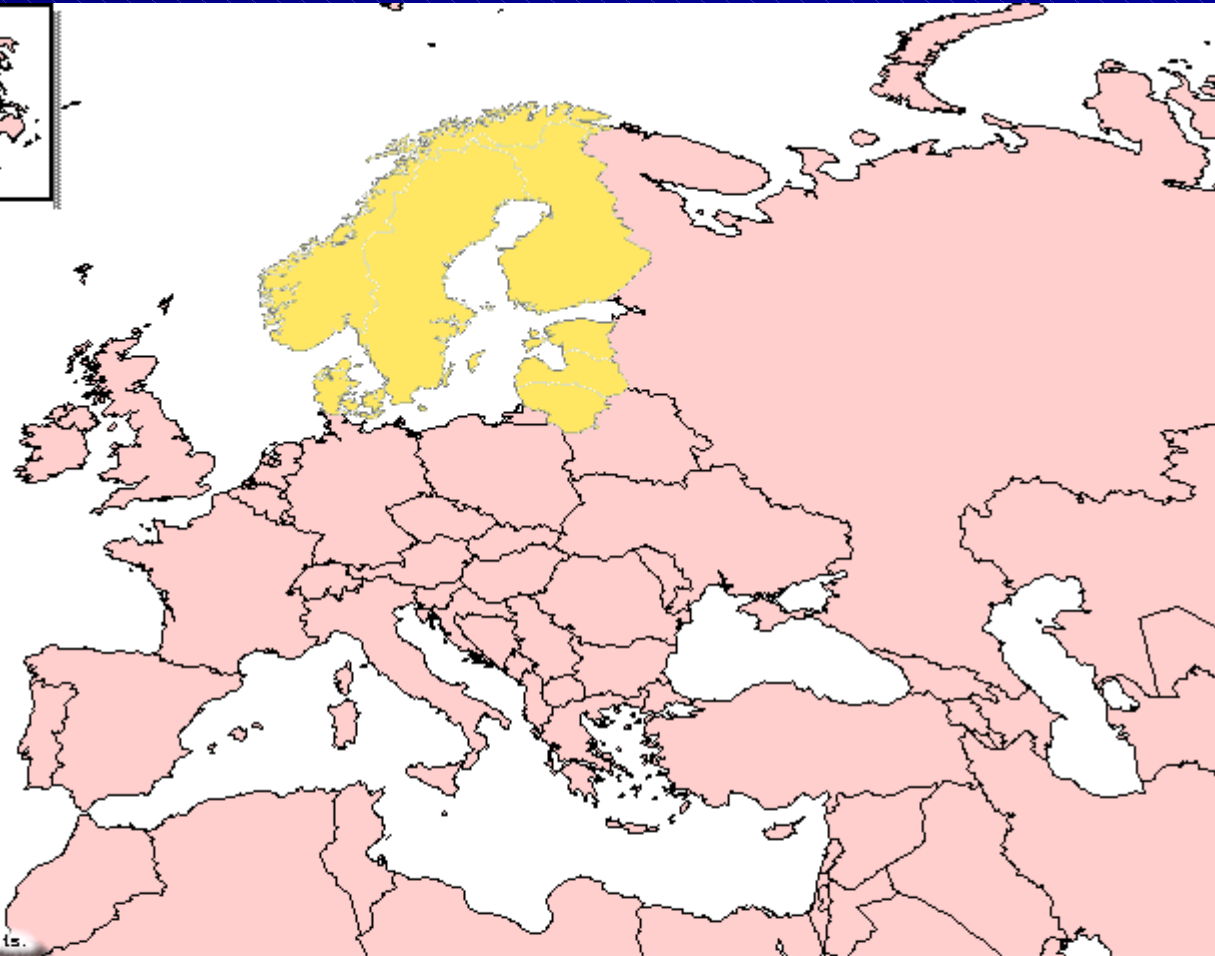






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Rec	Country Name
1	Denmark
2	Estonia
3	Finland
4	Latvia



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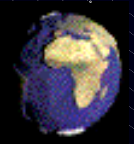


4	Latvia
5	Lithuania
6	Norway
7	Sweden

[Zoom to these records](#)

[Search Now](#)

Done



Gadget Search: - Netscape

File Edit View Go Communicator Help

Bookmarks Location: <http://www.anthrolobe.com/gadget/gadget.cgi?Austria+Denmark+Sweden> What's Related



Archive Search

Search

[ICPSR Data Archive](#) [UK Data Archive](#)
[Swedish Data Archive](#) [CSISS Search](#)

Results from the [ICPSR Data Archive](#)

- 1: [International Social Survey Program: Religion II, 1998](#)
International Social Survey Program (ISSP). SUMMARY The International Social Survey Program (ISSP) is an ongoing program of crossnational collaboration. Formed in ...
<http://www.icpsr.umich.edu:8080/ABSTRACTS/03065.xml> Size: 6K
- 2: [Eurobarometer 43.1: International Trade and Radiation Protection, April-May 1995](#)
This round of Eurobarometer surveys queried respondents on standard Eurobarometer measures such as public awareness of and attitudes toward the European Union (EU), ...
<http://www.icpsr.umich.edu:8080/ABSTRACTS/06839.xml> Size: 6K
- 3: [Eurobarometer 43.0 and 43.1: Drug Abuse and AIDS, March-May 1995](#)
This round of Eurobarometer surveys merges the responses to identical questions concerning drug abuse and AIDS from two waves of Eurobarometer surveys: EUROBAROMETER ...
<http://www.icpsr.umich.edu:8080/ABSTRACTS/06661.xml> Size: 5K
- 4: [Eurobarometer 43.0: Cross-Border Purchases, Smoking Habits, and Cancer Risks, March-April 1995](#)
This round of Eurobarometer surveys queried respondents on standard Eurobarometer measures such as public awareness of and attitudes toward the European Union (EU), ...
<http://www.icpsr.umich.edu:8080/ABSTRACTS/06662.xml> Size: 6K

Some of the problems

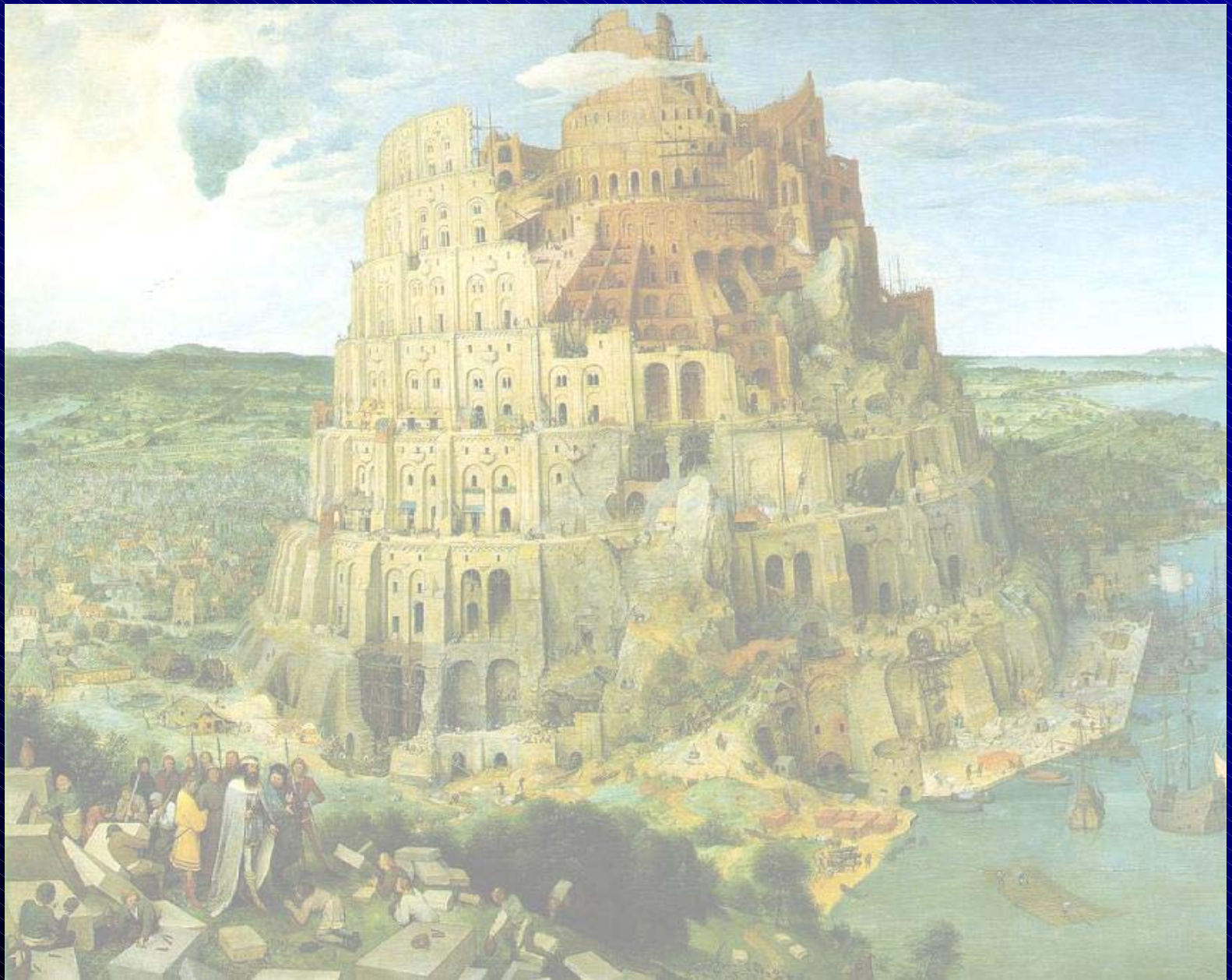
- Limited access to archives
 - Limited metadata
 - Limited access to datasets
- Minimal spatial elements
- No established vocabulary
 - Everyone describes things differently



Spatial elements

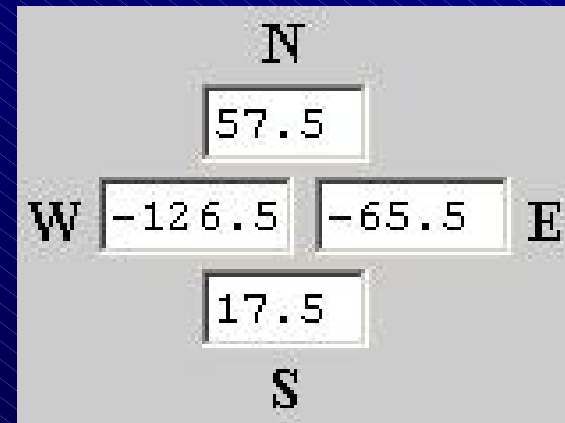
- Extent
 - What is the total area covered by the study?
- Resolution
 - What is the smallest thing that I can see?





We all define a location differently

- United States of America
- United States
- America
- USA
- US
- EEUU



Dean Waldo

View of the Outer Banks of North Carolina
from Apollo 9

This photograph was taken on March 12, 1969 at 4
10:00 a.m. EST, from an altitude of about 120 miles.

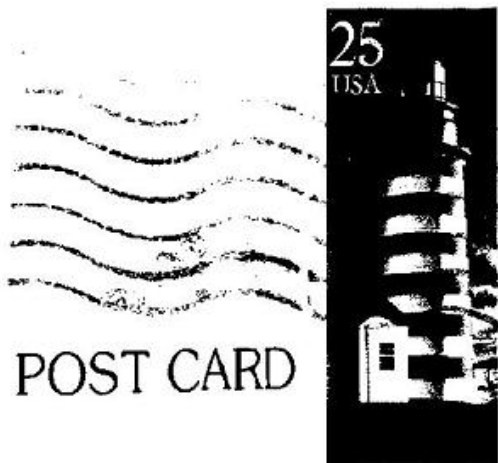
Posted at the old seafaring
village of Hatteras, I know
this card, with its complete
and accurate address will
get to you.

A pinhole shows you
where we are—

Yours Geographically

Dean

Elizabeth City News Co. Elizabeth City, North Carolina



POST CARD

Professor Waldo Tobler
34° 26' 41" N
119° 48' 26" W

Plastichrome®

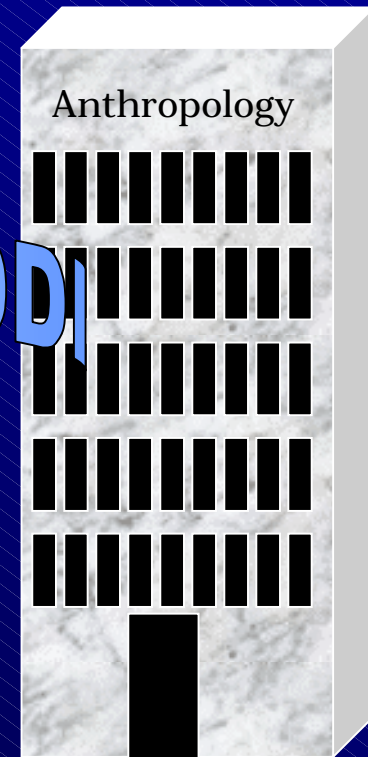
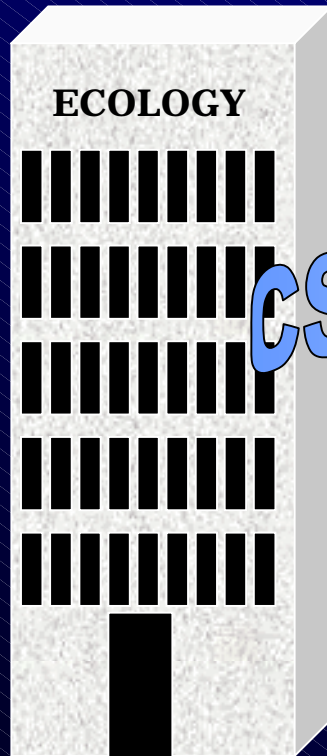
PRINTED
IN IRELAND

Resolution

- Limited access to archives
 - Increasing awareness of data use
- Spatial descriptions
 - Spatial elements in the DDI
- No established vocabulary
 - Emphasis on the need to define source data



Thank you



CSISS AND THE DDI

