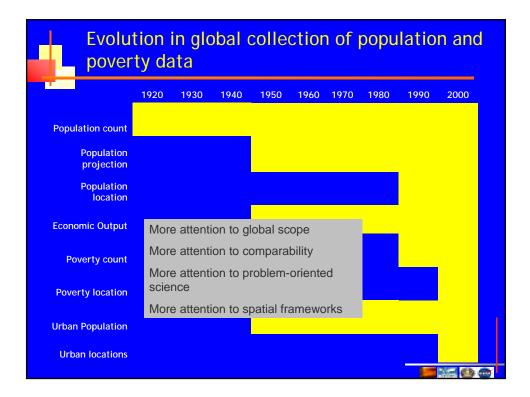
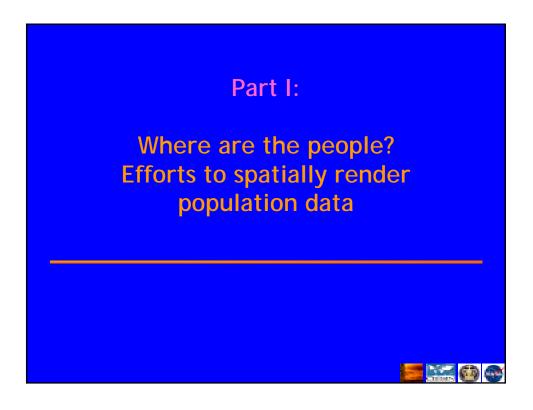
# What's new (or not so new) in Population and Poverty Data Initiatives

**Deborah Balk** 

Global Spatial Data and Information User Workshop 21 September 2004

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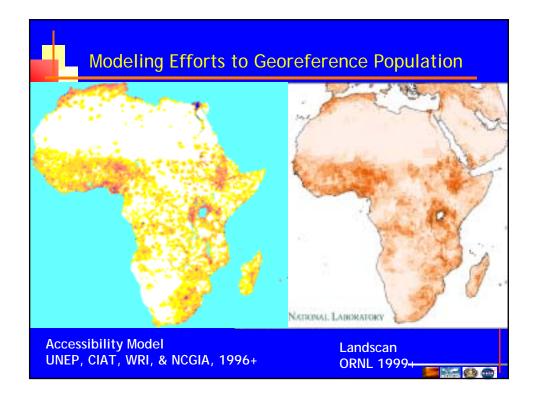


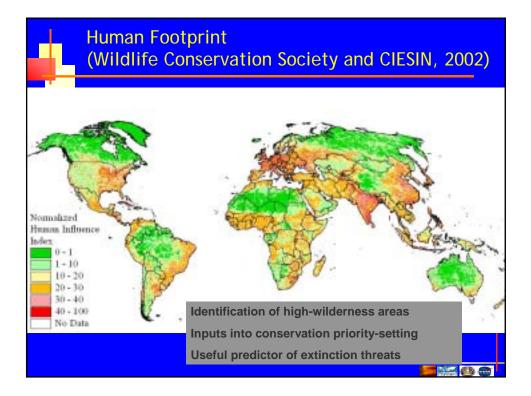


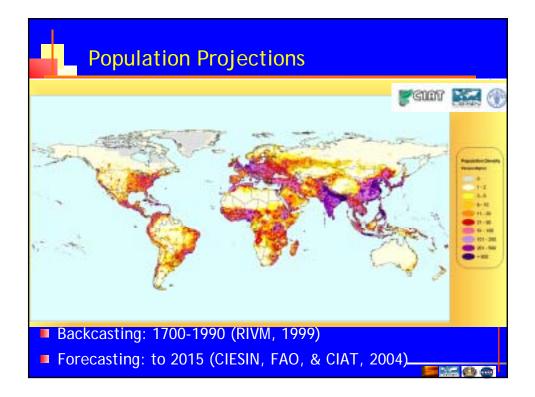


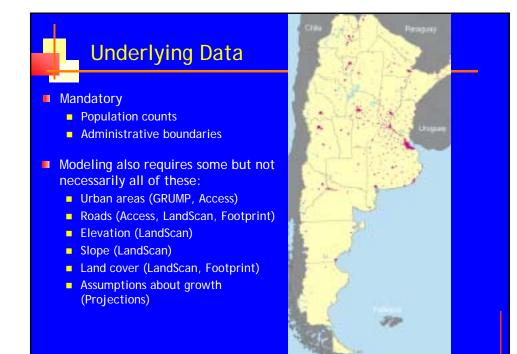
- BUCEN's CIR database
- Africa (UNEP/GRID, 1991)
- Global Demography Project (NCGIA & CIESIN, 1994)
- 1 degree global grid (Environment Canada, 1995)
- Europe (RIVM, 1995)
- Africa update and Asia (NCGIA, UNEP/GRID & WRI, 1996)
- Latin America (CIAT)
- LandScan (ORNL, 1999)
- GPW v2 (CIESIN et al, 2000)

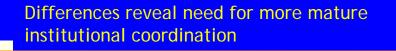
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Version (pub) G	PW v1 (1995)	GPW v2 (2000)	GPW v3 (2003)	
Estimates for 1	994	1990, 1995	1990, 1995, 2000	
Input units 1 http://beta.sedac.	9,000 ciesin columbia	127,000 a.edu/gpw/	~ 375,000	











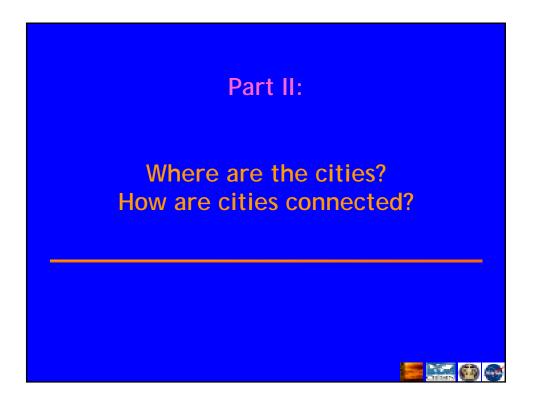
- Current data users must choose between two extremes
  - Highly pristine raw data
  - Highly modeled processed data

### Difficulties

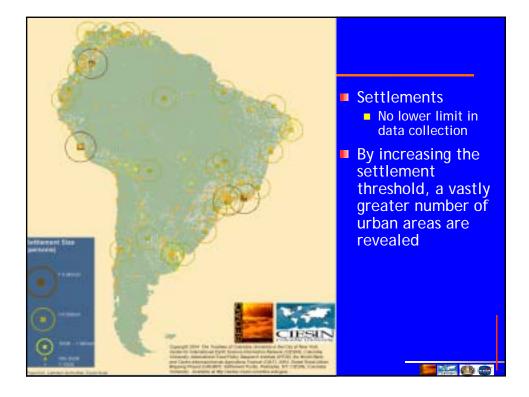
- getting "under the hood"
- creating custom aggregations or modeled outputs
- sharing data inputs such that a range of outputs could be supplied: mix and match

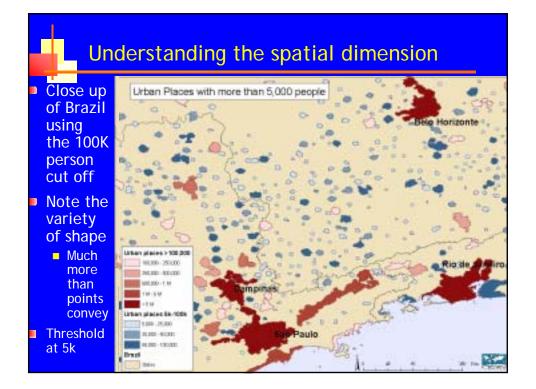


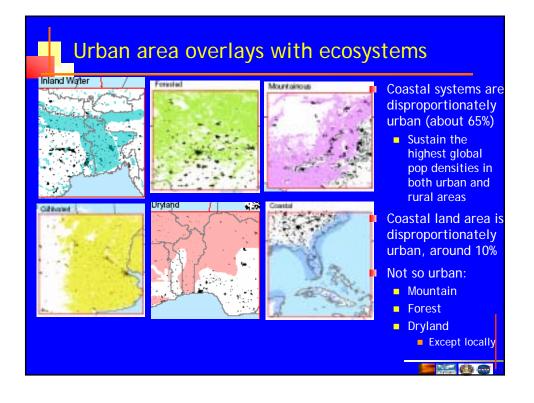
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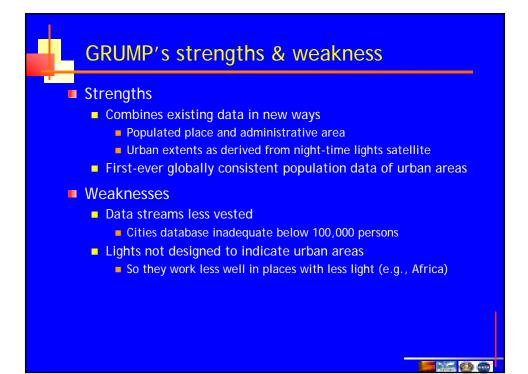


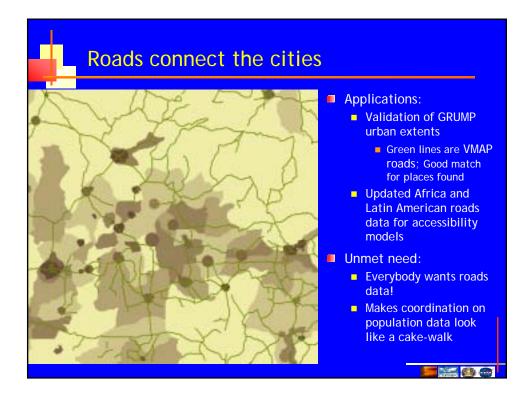


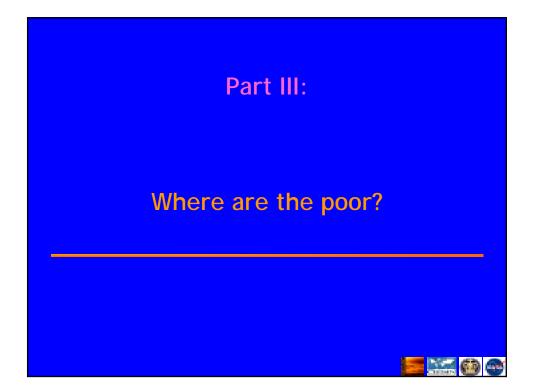


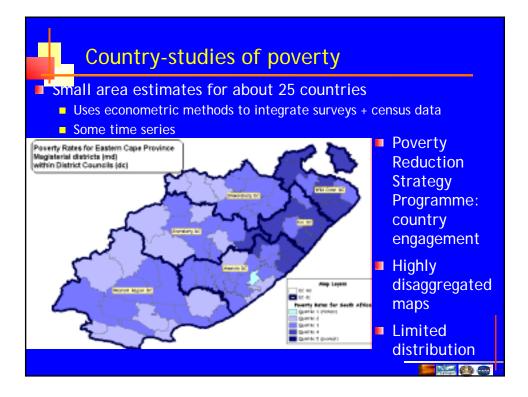


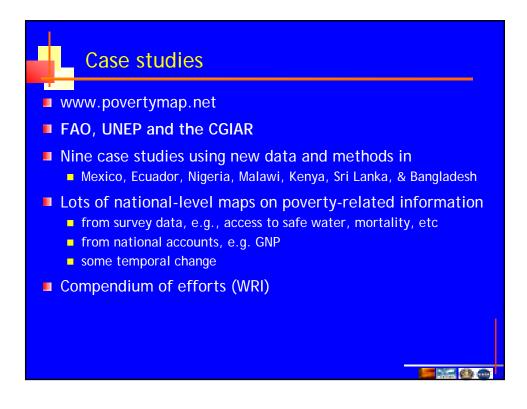


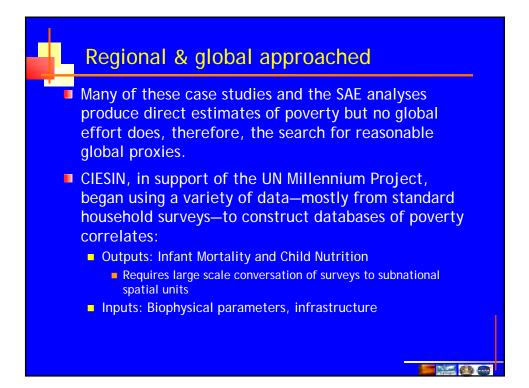


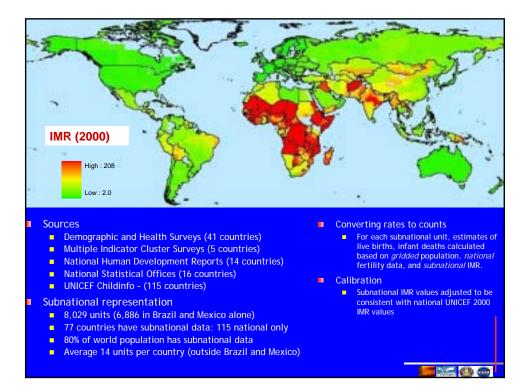


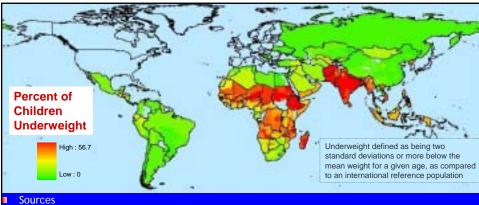












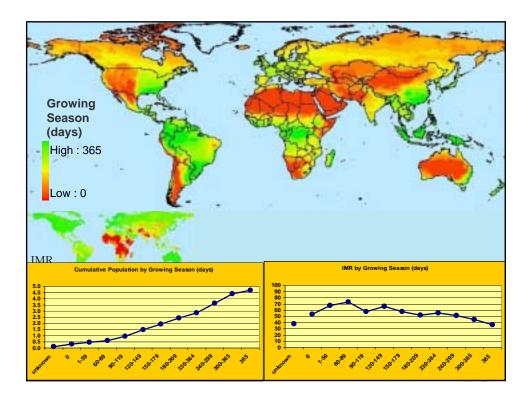
- Demographic and Health Surveys (46 countries)
- Multiple Indicator Cluster Surveys (27 countries)
- National Human Development Reports (3 countries)
- African Nutrition Database Initiative (2 countries)
- UNICEF ChildInfo (54 countries)

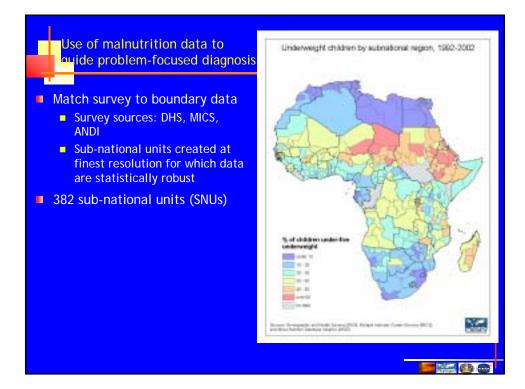
#### Subnational representation

- **678 units**
- 73 countries have subnational data; 54 national only
- 65% of world population has subnational data
- Average 9 units per country

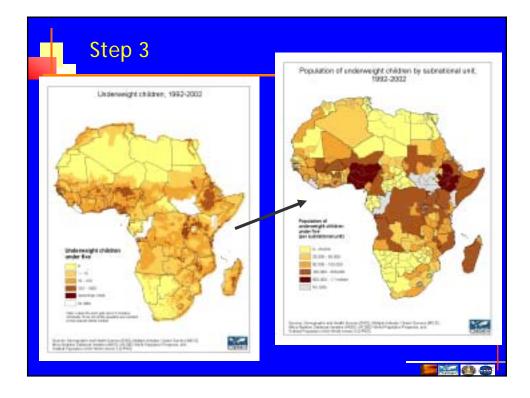
- Converting rates to counts ш
  - For each subnational unit, estimates of under-Schildren, underweight children calculated based on *gridded* population, *national* age structure, and *subnational* underweight percentage.
- Calibration issues .....
  - Data come from multiple years, and there are no independent series that permit • adjustment to a common year

#### See 69 65 1

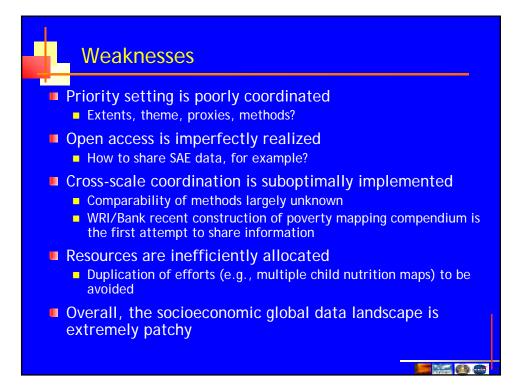




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# Score card: how are we doing?

	Global Extent	Data Quality	Data Availability	Institutional Cooperation
Population	000	000	000	009
Boundaries	00	00	80	00
Urban Areas	000	00	00	00
Roads	000	٢	8	8
Poverty	٢	000	8	۲

# Two paths forward

# Status quo, reintensified

- Stove piping by disciplines and bureaucracies
- Inadequate integration
- Failed opportunities for cross-fertilization
- Redundancy and unproductive competition

## Quantum increase in cooperation & institutionalization

### Coordination between groups

- Pool input data sources
- Division of tasks
- Guidelines on common products, coding, formats, projects
- Get endorsement from National Statistical Offices and UN agencies
- Productive interaction on methodological hurdles
- More relevant, efficient & timely outputs