

Southeast Regional State, Local, & Tribal Workshop

February 5-7, 2001 Memphis, TN



**Environmental Assessment
Requirements Group**

Requirement

High-resolution elevation information (17)

- Sea-level rise
- Watershed delineation
- Wetland delineation
- Storm-water runoff
- High-accuracy Visualization

Requirement

Land cover land use change detection in areas of growth (13)

- Urbanization
- Sprawl

Requirement

Air-quality assessments (12)

- Ozone monitoring
- Airpattern/airsheds
- Heat island delineation
- Arial application of pesticides

Requirement

Assessment of sedimentation and runoff (10)

- Location of source and extent

Requirement

Seasonal assessments (9)

- Validation of vegetative cover and habitat loss
- Accuracy assessments of current data and all new data types

Requirement

Pollution sources and pollution transport (7)

- Identify surrogates for identification
- Sediment, runoff, turbidity, color, pool riffle structure, and dye transport

Requirements (5s)

- **Head-water storm event delineation**
 - Basin LCLU change and response data capture
- **Coliform bacteria source differentiation**
- **Current land use with impervious surfaces**
- **Land-loss assessment**
- **Identification of “dead-zone” in GOM, bays, and other water bodies**