### A Regional Perspective: Developing Social Indicators for Water Quality Initiatives

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### The Issue

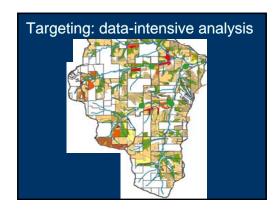
- Nonpoint source (NPS) is the major cause of water quality impairment
- Limited regulatory options
- Addressed mainly through persuasion
  - Financial incentives
  - Technical support
  - Outreach & education
- Response lag for environmental change
  - Lack of effective evaluation measures

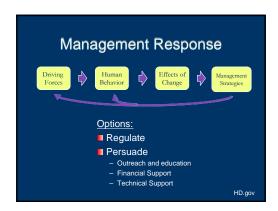
# NPS projects Watershed based – restoration and protection Voluntary involvement Technical and \$ assistance First-come basis Multi sources Goals are reduction oriented Total load reduction (modeled) In-stream response problematic Reporting Administrative indicators Environmental indicators

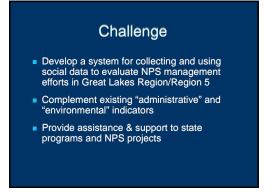
# **Targeting**

- Focus efforts on area of greatest impact
  - Specific audience
  - Specific geographic area
- Some behaviors in some places can have a disproportionate impact on water quality



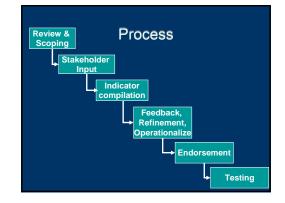


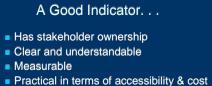










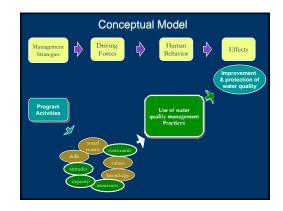


A valid measure of the desired result

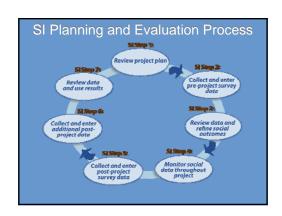
Can be aggregated



Conceptual Model









## Issues to Consider

- Long-term interactions with stakeholders
- Balancing needs for regional consistency v. local flexibility
- Salience of indicators for funders

# Acknowledgements

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http://www.uwex.edu/ces/regionalwaterquality/