



## National Coastal Assessment Overview (ECO MYP)

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## Agency Problem

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hte 1990s, less than half of all waters were assessed and monitoring was not coordinated among states. States used their own methods and sampling designs. Data from different states could not be compared, and regional and national assessments of condition were not well supported scientifically. Due to inconsistent ing on environmental conditions from the States, SPA had difficulty assessing the regional and initianal effectiveness of EPA and State regulations designed to restore and protect aquate resources. Research was needed to address these deficiencies, which lead to the initiation of the FPA ORD, EFA in the Northeast

## (2) Research Goals

- NCA has three major goals
- Assessing the ecological condition of estuarine resources, based on unbiased data of known quality
  Determining reference conditions for studies on ecological responses and stressors.
- · Building assessment infrastructure in states and EPA Regions.

NCA is testing and demonstrating the EMAP probability survey approach nationally in diverse estuaries to ensure applicability and to establish the statistical variability of the measured parameters. NCA sampling from 2000 2006 has been completed in the U.S. Northeast. Data are being used in national statas, and estuary specific reporting. Methods are being developed assess and compare variations in behavior communities in relation to a variety of natural and anthropagensis tressors. EMAP indicators, designs and analysis tools are being used to objectively compare conditions objectively among different estuaries based on unbiased data of known quality. Data analysis is continuing with the final National Coastal Condition report scheduled for release in 2009.



## 3) Methods/Approach

