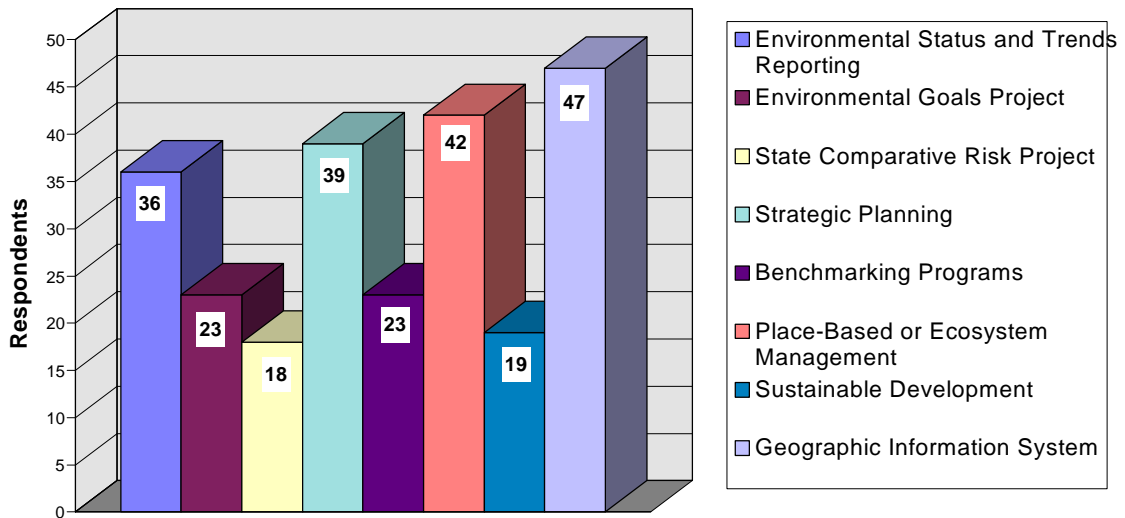


## Environmental Management Techniques

A number of environmental management techniques are in common use, with access to geographic information systems (GIS) reported in 92% of the respondents' agencies, place-based or ecosystem management found in 82%, strategic planning in 76% and environmental status and trends reporting in 71% of the responding agencies. Environmental goals projects were reported in nearly half (45%) of the responding agencies. The remaining management techniques -- sustainable development and state comparative risk projects -- were reported in 37% and 35% of the agencies respectively.

### Number of Respondents Using Each Management Technique



Benchmarking programs were reported by 45% of the agencies. Misinterpretation of benchmarking as defined by the *Survey*, however, lead to an inaccurately high representation of agencies involved in this activity. Respondents confused establishing baseline or reference environmental conditions with benchmarking, a process of setting attainable goals to be measured using milestones or benchmarks at regular intervals to determine relative progress in meeting the goal.

Following is a matrix of the states participating in each management activity. States that responded to the *Survey* that they engage in an activity are marked in the table with a ❖. In an effort to present a more complete picture of environmental management activities, those states that are known by the Project to participate in an activity, but did not return a completed *Survey*, were also included in the table below. These actions are noted by the following symbol: ⌘.

	Environmental Status and Trends Reporting	Environmental Goals Project	State Comparative Risk Project	Strategic Planning	Benchmarks	Place-Based or Ecosystem Management	Sustainable Development	Geographic Information System	Information Management System
Alabama			⌘					❖	❖
Alaska	❖		❖	❖		❖		❖	❖
Arizona	❖	❖		❖	❖				
Arkansas	❖		⌘			❖		❖	❖
California	❖		❖	❖				❖	❖
Colorado	❖	❖	❖	❖	❖	❖	❖	❖	❖
Connecticut	❖	❖		❖	❖	❖	❖	❖	❖
Delaware	❖			❖	❖	❖	❖	❖	❖
Florida	⌘		⌘	⌘	⌘	⌘		⌘	⌘
Georgia	❖	❖		❖		❖		❖	
Hawaii	⌘		⌘		⌘	⌘		⌘	
Idaho	❖	❖		❖	❖	❖		❖	❖
Illinois			⌘	❖		❖	❖	❖	❖
Indiana		❖		❖	❖	❖			
Iowa			⌘						
Kansas				❖				❖	
Kentucky	❖		❖	❖	❖	❖	❖	❖	❖
Louisiana	❖	❖	❖	❖	❖	❖	❖	❖	❖
Maine	❖		⌘	❖	❖	❖	❖	❖	❖
Maryland	❖		❖	❖	❖	❖	❖	❖	❖
Massachusetts	❖	❖				❖		❖	
Michigan	❖	❖	❖	❖	❖	❖	❖	❖	❖
Minnesota	❖		❖	❖	❖	❖	❖	❖	❖
Mississippi	❖		⌘	❖					❖
Missouri			⌘	❖	❖	❖		❖	❖
Montana	❖							❖	❖
Nebraska	❖	❖		❖		❖	❖	❖	❖
Nevada		❖		❖				❖	❖
New Hampshire	❖		❖	❖		❖		❖	
New Jersey	❖	❖	❖	❖		❖	❖	❖	❖
New Mexico				❖			❖	❖	❖
New York	❖	❖	❖	❖		❖	❖	❖	❖
North Carolina	❖							❖	
North Dakota			❖			❖		❖	
Ohio	⌘		⌘			⌘		⌘	⌘
Oklahoma	❖	❖		❖	❖	❖		❖	❖
Oregon	❖	❖	⌘	❖	❖	❖		❖	❖
Pennsylvania						❖	❖	❖	❖
Rhode Island	❖			❖					
South Carolina	❖			❖		❖		❖	❖
South Dakota								❖	❖
Tennessee	❖	❖	❖	❖	❖	❖		❖	❖
Texas	❖	❖	⌘	❖	❖	❖	❖	❖	❖
Utah	❖		❖	❖	❖	❖	❖	❖	❖
Vermont	❖		❖	❖		❖	❖	❖	❖
Virginia									
Washington	❖	❖	❖	❖		❖		❖	❖
West Virginia				❖	❖	❖		❖	❖
Wisconsin	❖		⌘	❖		❖		❖	
Wyoming									

❖ From *Survey* Responses  
 ⌘ From other sources of information available to the Project