

## 2009 Coastal Resource Management Customer Survey

### INSTRUCTIONS

This voluntary survey is designed to gather information for the NOAA Coastal Services Center (Center) to effectively respond to the needs of the coastal management community and track the trends in issues and needs of this community. This survey should take you approximately 15 minutes to complete. Your time and input is greatly appreciated. Please answer the questions to the best of your knowledge, and within the context of your organization and job duties. Please read and follow the instructions provided for each question. Commonly used abbreviations are listed below.

### Abbreviations

NA = Not Applicable

Med = Medium

### SECTION I. FAMILIARITY WITH NOAA COASTAL SERVICES CENTER

1. Please indicate your level of familiarity with the NOAA Coastal Services Center. Check all that apply.

- This is my first interaction with the Center
- I am generally familiar with the Center
- I have attended a Center workshop
- I have attended a Center conference (i.e. Coastal Zone, GeoTools)
- I have participated in training or technical assistance provided by the Center
- I utilize tools and/or data from the Center
- Other \_\_\_\_\_

### SECTION II. MANAGEMENT PRIORITIES & SPATIAL DATA USE

2. Indicate which of the following topics represent priority issues and data needs for you.

- I do not use spatial data or I am not familiar with the data used by my office. (Please answer only question 2a).

2a. How much of a priority is each of the topics listed below to you?

2b. Do you use spatial data to address the topics listed?

|   | <u>Low</u>               | <u>Med</u>               | <u>High</u>              | <u>NA</u>                | <u>Yes</u>               | <u>No, but we need this</u> | <u>No, not needed</u>    |
|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-----------------------------|--------------------------|
| <b><u>Coastal Land Use Planning</u></b> |                          |                          |                          |                          |                          |                             |                          |
| Climate change impacts                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>    | <input type="checkbox"/> |
| Demographics                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>    | <input type="checkbox"/> |
| Dredging                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>    | <input type="checkbox"/> |
| Economics                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>    | <input type="checkbox"/> |
| Infrastructure/utilities development    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>    | <input type="checkbox"/> |
| Land use planning/growth management     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>    | <input type="checkbox"/> |
| Permits and enforcement                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>    | <input type="checkbox"/> |

|   |                          |                          |                          |                          |                          |                          |                          |
|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Port, harbor or marina development      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Public access                           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Recreation and tourism                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Transportation planning                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Waterfront and brownfield redevelopment | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wetland Loss                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**Ocean and Great Lakes Planning**

|  |                          |                          |                          |                          |                          |                          |                          |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Climate change impacts                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Demographics                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Economics                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Energy development (including alt. energy) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Marine jurisdictional boundaries           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Marine transportation planning             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Near shore and off shore habitat mapping   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Protected area management                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Shoreline change management                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Submerged lands management                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Water/lake level decrease                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**Coastal Conservation Planning**

|   |                          |                          |                          |                          |                          |                          |                          |
|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Climate change impacts                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cultural and heritage resource management | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Demographics                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Economics                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Erosion and beach nourishment             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Fisheries management                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Habitat restoration and monitoring        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Invasive species management               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Nonpoint source pollution                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Protected species management              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Water quality monitoring                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**Coastal Hazards**

|                                      |                          |                          |                          |                          |                          |                          |                          |
|--------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Beach safety related to rip currents | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Climate change impacts               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Coral reef management                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Demographics                         | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Economics                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Erosion                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

|                                    |                          |                          |                          |                          |                          |                          |                          |
|------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Flooding/inundation/storm surge    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Harmful algal blooms               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Hurricanes                         | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Impacts to Barrier Islands         | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Landslides                         | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Oil/pollutant spill response       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Pollutant transport and dispersion | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Public health concerns             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Sea level rise                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Search and rescue                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Subsidence                         | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Tsunami                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

2c. Please indicate other issues of particular concern to you that were not mentioned above.

2d. Please indicate other data needs, not mentioned above.

2e. Please indicate which of the following demographic and economic information needs are most critical in your job/for your office? Please select up to three items.

- Population counts
- Population attributes (age, race, educational attainment, other)
- Housing counts
- Economic output (gross state product)
- Employment by type of employer
- Earnings by type of employer
- Time-series data (for any of the above)
- Non-market values
- Don't know
- Other(s) \_\_\_\_\_

3. Indicate your primary need(s) for effective coastal management. *Please select up to three.*

- Organizational policy/process supporting use of tools and data
- Equipment/facilities/technology for tool and data use
- Relevant/necessary data
- Required knowledge or skills for tool and data use
- Appropriate and effective tools
- Applicability/interest in technology tools
- Coordination with other local entities to accomplish management
- Education and communication with the public regarding management activities and objectives
- Lack of coordination with other local entities to accomplish management
- Time
- Staff
- Other resources (i.e. funding)
- We have no needs
- Don't know
- Other \_\_\_\_\_

4. With respect to Hazards Management: Indicate if each of the information needs is a priority for management in your job.

|  | <u>Not at all</u>        | <u>Somewhat Important</u> | <u>Very Important</u>    | <u>Don't Know</u>        |
|--|--------------------------|---------------------------|--------------------------|--------------------------|
| Risk and Vulnerability Assessment            | <input type="checkbox"/> | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> |
| Risk Communication                           | <input type="checkbox"/> | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> |
| Risk Behavior                                | <input type="checkbox"/> | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> |
| Hazards Mitigation                           | <input type="checkbox"/> | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> |
| Forecasts and Warnings                       | <input type="checkbox"/> | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> |
| Response Immediately after a Hazard Disaster | <input type="checkbox"/> | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> |
| Long Term Recovery                           | <input type="checkbox"/> | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> |

5. Please indicate your primary need(s) with respect to improving hazards management. *Select up to three.*

- Access to and usability of information
- Increase communities' ability to be resilient
- Enhance communication about hazard preparedness
- Lack of planning capacity and resources at local level
- Coastal monitoring programs
- I do not need to know about these for my job

6a. There are various frameworks and approaches to coastal and ocean management, such as Integrated Coastal Zone Management (ICZM), Ecosystem-Based Management (EBM), Adaptive Management, and others. Are there specific approaches that your office has adopted for use, or find more useful than others? If YES, please describe in the space below.

Yes  No  Don't Know

Please explain \_\_\_\_\_

6b. Do you agree with the premise of including humans as part of the management framework?

Yes  No  Don't Know

Please explain \_\_\_\_\_

6c. Please indicate which of the following you would classify as constraints to an interdisciplinary approach to coastal and marine management.

*Please select your top three constraints.*

|   | <u>Primary constraint</u> | <u>Secondary constraint</u> | <u>Tertiary constraint</u> |
|---|---------------------------|-----------------------------|----------------------------|
| Financial and technical capital             | <input type="checkbox"/>  | <input type="checkbox"/>    | <input type="checkbox"/>   |
| Political support for integrated management | <input type="checkbox"/>  | <input type="checkbox"/>    | <input type="checkbox"/>   |
| Jurisdictional boundaries                   | <input type="checkbox"/>  | <input type="checkbox"/>    | <input type="checkbox"/>   |
| Clear management objectives                 | <input type="checkbox"/>  | <input type="checkbox"/>    | <input type="checkbox"/>   |
| Collaboration/cooperation between agencies  | <input type="checkbox"/>  | <input type="checkbox"/>    | <input type="checkbox"/>   |
| Other _____                                 | <input type="checkbox"/>  | <input type="checkbox"/>    | <input type="checkbox"/>   |

6d. In which of the following areas do you feel improvements are needed for an effective interdisciplinary approach to coastal and marine management? Please select up to three.

- Engaging community and stakeholder groups in decision making
- Developing methods for establishing multiple use marine zones
- Developing methods for implementing ecosystem approaches to fisheries management
- Advancing coastal land use practices by accounting for land-sea interactions in land use decisions
- Managing marine protected areas
- Socio-economic impact studies
- Demographic studies
- Conserving marine biodiversity
- Including humans, society, and government in the equation

**SECTION III: TOOLS AND INFORMATION RESOURCES**

7. Please indicate what new, emerging sources and formats of web technology you are using to obtain information. Check all that apply.

- I do know how my office obtains information
- Social Networking/Collaborative (Facebook, Twitter, Wikipedia)
- Warehouse or Portal (The National Map, Digital Coast, Geospatial One Stop)
- Web Services (RSS, Google Maps/Earth, map service, streaming)
- Professional Networks (LinkedIn)
- Static Sites (FTP, agency home page)
- Other \_\_\_\_\_

8a. Have you ever participated in web-based training (other than mandatory topics such as safety or information technology security)?

- Yes      No

8b. Indicate your level of interest in web-based training.

- None      Low      Medium      High

9. Please indicate your use of the following technologies to support coastal resource management and the importance of that technology in decision making.

|  | 9a. Frequency of Use     |                          |                          |                          |                          | 9b. Importance for Decision Making |                          |                          |                          |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------------------------------|--------------------------|--------------------------|--------------------------|
|  | Daily                    | Weekly                   | Monthly                  | Never                    | Don't Know               | Low                                | Med                      | High                     | NA                       |
| Online Mapping<br>(browsing / viewing data)  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Online Databases<br>(data portals, data clearinghouses)                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Decision Support Tools<br>(manipulating/analyzing data)                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| GIS layers, applications, tools, extension, etc.   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Remote Sensing Data and Derivatives<br>(imagery, elevation, land cover, bathymetry, mapping) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Near Real Time Data<br>(<24 hrs old, e.g. buoys, tide gauges, etc.)                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Model or Model Outputs<br>(habitat modeling, SLOSH, HURREVAC)                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

|  |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Visualization (GIS-, 3D-, and photo-based) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Other _____                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

10. Do you utilize visualization software tools for decision making?

|                          |                              |                                |
|--------------------------|------------------------------|--------------------------------|
| <u>Yes</u>               | <u>No, and don't need to</u> | <u>No, but would be useful</u> |
| <input type="checkbox"/> | <input type="checkbox"/>     | <input type="checkbox"/>       |

Please specify any software tools that you are currently using or would like to use: \_\_\_\_\_

11. Please rate which of the following types of technical assistance you find useful.

|  | <u>Usefulness</u>        |                          |                          |                          |                          |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|  | Low                      | Med                      | High                     | None                     | NA                       |
| Data access  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Providing training on existing software                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Providing on-site technical assistance in use of software      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Writing statements of work for data purchases/data development | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Applying data for decision-making                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Data quality assurance   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Facilitation   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Survey Design  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Stakeholder Engagement   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Economic Analysis  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Logic Models   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Evaluation   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Using GIS for Coastal Managers                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Other _____  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Please use this space to describe any relevant details to the above technical assistance areas. \_\_\_\_\_

12. Please indicate your use of the following program management and social science tools and their usefulness.

12a. Are you aware of this type of tool and its application?

12b. Please identify if you use the indicated tool and how useful the tool is.

|   | <u>Awareness</u>         |                          | <u>Used</u>              | <u>Use</u>               |                          |                          | <u>Low</u>               | <u>Usefulness</u>        |                          |                          |
|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|   | <u>Yes</u>               | <u>No</u>                |                          | <u>Not used</u>          | <u>Don't know</u>        | <u>Med</u>               |                          | <u>High</u>              | <u>NA</u>                |                          |
| <b>Processes</b>                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
| Needs Assessments                         | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Strategic Planning                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Policy / legislative analysis             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Evaluation of products or projects        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Evaluation of entire programs             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Project management                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Social Assessments                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Stakeholder engagement processes          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <b>Economic</b>                           |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
| Demographic analysis                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cost-benefit analysis                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Non-market valuation                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <b>Tools and Methods</b>                  |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
| Performance measures or indicators        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Logic models                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Meeting facilitation                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Social Network Analysis (network mapping) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Stakeholder analysis                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Content analysis                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Observation                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Interviews                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Focus Groups                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Surveys                                   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <b>Other</b> _____                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

13. Does your office collaborate with other groups to enhance its work (i.e. through data sharing, communication, etc)?

Yes No (If no, skip to Question 15.)

14a. Please identify the level of engagement your office has with the following audiences.

|                    |                          |                          |                          |                          |
|--------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|                    | <u>Frequent</u>          | <u>Occasional</u>        | <u>None</u>              | <u>Don't Know</u>        |
| Coastal Management | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |



|                          |                          |                          |                          |                          |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Fisheries Management     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Emergency Management     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Water Quality & Quantity | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Transportation           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Weather & Climate        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Private Sector           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Scientific               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Education                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Recreation & Tourism     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Energy                   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Public                   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Other_____               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

14b. Which of the above audiences to you have difficulties engaging, and why?

This is not an issue for me.

15. Please indicate which of the following areas would enhance partnership and coordination in your office.

|   | <u>Yes</u>               | <u>No</u>                | <u>Don't Know</u>        |
|---|--------------------------|--------------------------|--------------------------|
| Meeting facilitation  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Workshops   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Demonstration of successful partnerships                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Lessons learned from previous partnerships (things to do, things not to do) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Identify potential partners with common issues                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Assist with agreements for cost/data sharing among potential partners       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Other(s)_____   |                          |                          |                          |

**SECTION IV: DEMOGRAPHICS/OFFICE INFORMATION**

16. Please indicate which of the following best represents your current professional position. Check only one.

- Education and outreach
- Emergency management
- Information technology (GIS, remote sensing or related field)
- Natural resources management
- Permitting and regulatory enforcement

- Planning
- Program or site administration/management
- Academic
- Floodplain management
- Conservation
- Government (local, state, regional, federal)
- Other \_\_\_\_\_

17. Indicate the number of years you've been involved with coastal resource management.

- |   | <u>&lt; 5</u>            | <u>5-10</u>              | <u>11-15</u>             | <u>16-20</u>             | <u>&gt; 20</u>           |
|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| a. How many years have you been in the coastal resource management field? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. How many years have you been at your current position?                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

18. Which of the following regions do you represent (check all that apply)?

- Northeast (ME, NH, RI, MA, CT)
- Mid-Atlantic (DE, MD, NJ, NY PA, VA)
- Southeast (NC, SC, GA, FL)
- Caribbean (PR, USVI)
- Gulf of Mexico (TX, LA, MI, AL, FL)
- Great Lakes (NY, IL, IN, MI, MN, NY, OH, PA, WI)
- West Coast (CA, OR, WA)
- Alaska
- Pacific Islands (HI, GUAM, AM SAMOA, CNMI)
- National (all regions)

19a. Are you aware that the NOAA Coastal Services Center has Regional Offices?

- Yes No

19b. Do you interact with the Center office in your region?

- Yes No Not sure if there is one

If YES, to what degree?

- I know who they are
- I have had limited communication
- I have worked on a group with them
- I have closely partnered with them on 1 or more projects

20. Additional comments—

Please use the space below to offer any additional comments.

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