

Responsive Management



COASTAL TRAINING NEEDS ASSESSMENT AND MARKET INVENTORY FOR THE JACQUES COUSTEAU NATIONAL ESTUARINE RESEARCH RESERVE

Volume 2

**Conducted for Rutgers University and the Jacques Cousteau National
Estuarine Research Reserve**

by Responsive Management

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**COASTAL TRAINING NEEDS ASSESSMENT AND
MARKET INVENTORY FOR THE JACQUES COUSTEAU
NATIONAL ESTUARINE RESEARCH RESERVE**

Volume 2

2003

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APPENDIX A: SURVEY INSTRUMENTS

(Note that the numbering on the graphs and this survey does not match because the survey data were entered into a QPL file, which required a different numbering system. The QPL survey instrument is included in the appendix.)

New Jersey Coastal Resources Outreach and Education Market Analysis Survey

Your Organization

Q1. What is the name of your agency/organization?

Q2. Which of the following best describes your agency/organization?
(Check only one answer.)

Federal agency

State agency

Non-profit organization

For profit business

University/college

K-12 education institution

Don't know

Other (please describe.) _____

Q3. Realizing that many of you work within a larger agency/organization, please indicate how you are arranged within the larger agency/organization, or does your organization not have divisions?

For the remainder of the survey, unless noted, please refer to the smallest division of your organization in which you work, as *indicated in Question 3*. If your organization does not have divisions, please refer to the organization as a whole, for each question.

Q4. What is your total staff size?

_____ staff members

Q5. What is your mission statement?

Q6. Would you classify your agency/organization as part of the “management” community, “education” community, both, neither, or do you not know? (Check only one answer.)

- Resource management community
- Education community
- Both
- Neither
- Don't know

Q7. For the purpose of this survey, our definition of outreach/education encompasses both *formal* and *informal* training settings, including courses, workshops, seminars, presentations, demonstrations, technology modeling, Web pages, lecture series, k-college classes, field trips, tours, etc.

Does your division provide any of the following related to the coastal environment? (Check all that apply.)

- Formal training
- Science-based information
- Outreach (Web page, newsletters, etc.)
- Educational materials
- Classes, tours, or field trips
- Other (please describe.) _____
- No, we do not provide any type of coastal education/outreach

If No, skip to Q38. Otherwise, continue with Q8.

Coastal Resources Outreach and Education and Your Organization

Q8. How many different formal coastal resources outreach/education **programs** does your division conduct?

_____ programs

Q9. What are the names of your specific coastal resources outreach/education programs? (Please list separately.)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Others, if any:

Q10. How many resource education/outreach program **sessions** did your division conduct in the past year (January 2002-January 2003)? (A session is the number of times your division conducted any type of coastal resource education/outreach event.)

_____ sessions

Q11. What is the average length of a typical coastal resources education/outreach session? (Check only one answer.)

- One hour or less
- One hour to a half-day
- Half-day to day-long
- 2 days or more
- Don't know

Q12. How many FTEs (full-time staff positions) do you dedicate specifically for coastal resources education/outreach?

_____ FTEs

Q13. How many other FTEs (full-time staff positions) are involved in, but not specifically dedicated to, coastal resource education/outreach?

_____ FTEs

Q14. When delivering coastal resource education/outreach, what percentage of the total services are administered by organization staff, consultants, academics, and volunteers? (Total must equal 100%; enter "?" if you do not know.)

Organization staff _____ %

Consultants _____ %

Academics _____ %

Volunteers _____ %

Other(s) (Please list.)
_____ %

Q15. How many different products related to coastal resource education/outreach did your division produce in the last year (January 2002-January 2003)?

_____ documents
_____ brochures*
_____ training materials
_____ Web-based materials
_____ other

<p>*We would appreciate obtaining copies of the brochures (if available). Please include them with the returned survey, if possible.</p>
--

Q16. For approximately how many people did your division provide coastal resources education/outreach in the past year (January 2002-January 2003)?

_____ people

Q17. When providing coastal resource education/outreach, are the sessions generally held local to your agency/organization, local to the participants being served, or are the education/outreach sessions held in an area central to both parties? (Check all that apply.)

Local to my agency/organization

Local to participants

Central to both parties

Don't know

Other (Please describe.) _____

Q18. What is the approximate average cost, per participant, for your division to develop and provide coastal resource education/outreach?

\$ _____

Q19. What is the approximate average fee, per participant, to receive coastal resource education/outreach from your division?

\$ _____

Q20. Overall, what is the approximate yearly dollar amount that is budgeted by your division specifically for coastal resource education/outreach?

\$ _____

Q21. What percentage of your division's overall budget does the figure in the previous question represent?

_____ %

Q22. Please estimate the distribution of sources of funding for coastal resources education/outreach in your division. (Total must equal 100%; enter “?” if you do not know.)

Grants	_____ %	Other(s) (Please list.)	
Participant fees	_____ %	_____	_____ %
Operational budget	_____ %	_____	_____ %
Sponsorship	_____ %	_____	_____ %

Q23. Before this survey, how familiar would you say you were with the research conducted by Rutgers University in conjunction with Jacques Cousteau National Estuarine Research Reserve on coastal resource issues?

The Institute of Marine and Coastal Sciences is located on the Cook College Campus of Rutgers University in New Brunswick, New Jersey, and is engaged in research, education, and service efforts in coastal, estuarine, and open ocean environments. The Jacques Cousteau National Estuarine Research Reserve is one of 26 National Estuarine Research Reserve programs nationwide that are dedicated to education, research, and stewardship of our estuarine environments. The Jacques Cousteau National Estuarine Research Reserve is managed by the Institute of Marine Sciences, Rutgers University.

(Check only one answer.)

- Very familiar
- Somewhat familiar
- Not at all familiar
- Don't know

Q24. The National Estuarine Research Reserve System (NERRS) Coastal Training Program's objectives are to 1) provide the best available science-based information, tools and techniques to those individuals and groups that are making important decisions regarding resources within coastal watersheds, estuaries and nearshore waters; 2) increase networking and collaboration across sectors and disciplines related to coastal management issues in local and biogeographic areas; and 3) increase understanding of the environmental, social and economic consequences of human activity within the coastal landscape.

Before this survey, how familiar would you say you were with the goals of the NERRS Coastal Training Program? (Check only one answer.)

- Very familiar
- Somewhat familiar
- Not at all familiar
- Don't know

Q25. Overall, how well would you say the coastal resource education/outreach that your division conducts matches the objectives of the NERRS Coastal Training Program? (Check only one answer.)

- Matches exactly
- Matches somewhat
- Does not match at all
- Don't know

Q26. Compared to other programs in your division, how important would you say coastal resource education/outreach is? Would you say it is very important, somewhat important, or not at all important? (Check only one answer.)

- Very important
- Somewhat important
- Not at all important
- Don't know

Coastal Education/Outreach Delivery and Content

Q27. Please indicate if your division has utilized any of the following coastal resource education/outreach formats as well as **how many** your division has provided in the past year (January 2002-January 2003).

Certification programs	_____
Conferences	_____
Continuing education classes	_____
University courses	_____
Distance learning programs	_____
Field-based courses	_____
Informal education/outreach (meetings, etc.)	_____
Information products and technical resources	_____
In-service education/outreach for educators	_____
Laboratory courses	_____
Seminars	_____
Special events (excluding conferences)	_____
Technical education/outreach programs	_____
Web-based programs	_____
Workshops	_____
Don't know	_____
Other(s) (Please list.)	_____
1. _____	_____
2. _____	_____
3. _____	_____

Q28. **If your division conducts informal education/outreach**, please indicate the specific type of informal education/outreach your division conducts. (Check all that apply.)

Publications (brochures, newsletters, etc.)

Field trips

Interpretive signs

Websites

Waypoint signs

Don't know

Other(s) (Please list.)

1. _____

2. _____

3. _____

Q29. What coastal resource education/outreach **delivery methods** does your division utilize? (Check all that apply.)

Accelerated learning techniques

Case studies

Demonstration

Field trips, courses

Internet/on-line

Lab exercises

Lecture

One-on-one instruction

Presentations

Round-table discussion

Don't know

Other(s) (Please list.)

1. _____

2. _____

3. _____

Q30. Which of the following topics/skills does your division offer in its coastal resource education/outreach efforts? (Check all that apply.)

Coastal Education/Outreach Topics

Habitat issues

- Biodiversity
- Habitat fragmentation
- Habitat protection and restoration
- Buffers
- Wetlands and waterways protection
- Special area management
- Fire management
- Native plants
- Wildlife corridors
- Urban sprawl

Coastal issues

- Beach nourishment
- Boat/marina management
- Coastal community development
- Coastal construction
- Coastal erosion and accretion
- Dredging and filling
- Coastal hazards
- Coastal processes/geology
- Public access
- Severe weather emergency management
- Ports, navigation, transportation planning
- Saltwater intrusion

Water quality issues

- Water quality
- Water quantity
- Eutrophication
- Nonpoint source pollution
- Point source pollution
- Sedimentation
- Septic system issues
- Wastewater management
- Storm water protection and cleanup
- Nitrogen loading

Education, planning and regulation

- Land use planning (smart growth, watershed buildup)
- Sustainable facilities (green design)
- GIS education/outreach
- Intra-agency/org. communications
- Inter-agency/org. communications
- Organizational/management skills
- Public safety
- Regulations
- Environmental education for adults
- Environmental education for K-12 students
- Professional development for K-12 educators

Resource management and other issues

- Endangered species
- Invasive species
- Agricultural issues and practices
- Global warming and climate
- Ecological landscaping
- Erosion control
- Estuarine ecology
- Aquaculture
- Fisheries and by-catch issues
- Fisheries and fishery law
- Forestry issues
- Environmental technologies
- Economic aspects of land use
- Real estate issues
- Social aspects of land use
- Renewable energy
- Land trusts and conservation acquisitions
- Mineral, oil and natural gas extraction

Ocean Sciences Topics

- Ocean forecasting
- Climate prediction
- Biogeochemical predictors of ocean-atmosphere conditions
- Ocean surface optical properties

Don't know

Other(s), if any (Please list.)

1. _____
2. _____
3. _____

Q31. For each of these topics/skills areas, please indicate if you think there is a high, medium, or low need for coastal education/outreach for coastal resource decision makers in New Jersey?

Coastal Education/Outreach Topics:

Habitat issues

Biodiversity	High	Medium	Low
Habitat fragmentation.....	High	Medium	Low
Habitat protection and restoration	High	Medium	Low
Buffers	High	Medium	Low
Wetlands and waterways protection	High	Medium	Low
Special area management.....	High	Medium	Low
Fire management.....	High	Medium	Low
Native plants	High	Medium	Low
Wildlife corridors	High	Medium	Low
Urban sprawl.....	High	Medium	Low

Coastal issues

Beach nourishment.....	High	Medium	Low
Boat/marina management.....	High	Medium	Low
Coastal community development.....	High	Medium	Low
Coastal construction	High	Medium	Low
Coastal erosion and accretion	High	Medium	Low
Dredging and filling	High	Medium	Low
Coastal hazards.....	High	Medium	Low
Coastal processes/geology.....	High	Medium	Low
Public access.....	High	Medium	Low
Severe weather emergency management	High	Medium	Low
Ports, navigation, transportation planning.....	High	Medium	Low
Saltwater intrusion	High	Medium	Low

Water quality issues

Water quality	High	Medium	Low
Water quantity.....	High	Medium	Low
Eutrophication.....	High	Medium	Low
Nonpoint source pollution	High	Medium	Low
Point source pollution.....	High	Medium	Low
Sedimentation.....	High	Medium	Low
Septic system issues	High	Medium	Low
Wastewater management.....	High	Medium	Low
Storm water protection and cleanup	High	Medium	Low
Nitrogen loading.....	High	Medium	Low

Education, planning and regulation

Land use planning (smart growth, watershed buildup).....	High	Medium	Low
Sustainable facilities	High	Medium	Low
GIS education/outreach	High	Medium	Low
Intra-agency/org. communications.....	High	Medium	Low
Inter-agency/org. communications.....	High	Medium	Low
Organizational/management skills	High	Medium	Low
Public safety	High	Medium	Low
Regulations.....	High	Medium	Low
Environmental education for adults.....	High	Medium	Low
Environmental education for K-12 students	High	Medium	Low
Professional development for K-12 educators ..	High	Medium	Low

Resource management and other issues

Endangered species	High	Medium	Low
Invasive species	High	Medium	Low
Agricultural issues and practices	High	Medium	Low
Global warming and climate.....	High	Medium	Low
Ecological landscaping	High	Medium	Low
Erosion control.....	High	Medium	Low
Estuarine ecology	High	Medium	Low
Aquaculture.....	High	Medium	Low
Fisheries and by-catch issues.....	High	Medium	Low
Fisheries and fishery law	High	Medium	Low
Forestry issues	High	Medium	Low
Environmental technologies.....	High	Medium	Low
Economic aspects of land use	High	Medium	Low
Real estate issues	High	Medium	Low
Social aspects of land use	High	Medium	Low
Renewable energy	High	Medium	Low
Land trusts and conservation acquisitions	High	Medium	Low
Mineral, oil and natural gas extraction	High	Medium	Low

Ocean Sciences Topics

Ocean forecasting.....	High	Medium	Low
Climate prediction	High	Medium	Low
Biogeochemical predictors of ocean- atmosphere conditions.....	High	Medium	Low
Surface ocean optical properties	High	Medium	Low

Don't know

Other(s), if any (Please list.)

- | | | | |
|----------|------|--------|-----|
| 1. _____ | High | Medium | Low |
| 2. _____ | High | Medium | Low |
| 3. _____ | High | Medium | Low |

Q32. Does your division have an evaluation component as part of its coastal resource education/outreach services?

Yes (**Go to Q33**)

No (**Skip to Q34**)

Don't know (**Skip to Q34**)

Q33. How often are your coastal resource outreach/education services evaluated?

Coastal Education/Outreach Target Markets

Q34. Specifically, which of the following best describes the positions of the people who utilize your organization's coastal resources education/outreach? (Check all that apply.)

Local county managers/officials

- City/town council members
- County commissioners
- Planning commission members
- City/town managers
- City/town planners
- City/town engineers
- Code enforcement officers
- Environmental health officials
- Transportation officials
- Other (Please describe.) _____

Volunteer organization members

- Conservation commissions
- Land trusts
- Chapters of environmental organizations
- Watershed associations
- Property owners associations
- Other (Please describe.) _____

Business organizations

- Realty associations
- Building/development associations
- Commercial property owners associations
- Chambers of commerce
- Rotary International
- Tourist boards
- Environmental consultants
- Other (Please describe.) _____

State/agency/professional associations

Wetland scientists
Environmental educators
Universities
Estuarine researchers
Coastal regulators
Coastal planners
Marine resources agency personnel
Fisheries & wildlife personnel
Environmental protection agency personnel

K-12 educators

K-12 educators

Other (Please describe.) _____
General population

Q35. Which of the following promotional tools does your organization use to advertise your education/outreach services? (Check all that apply.)

Direct mail
Word-of-mouth
Telephone notification
Public service announcements
Press releases
Newspaper articles/advertisements
Radio
Television
Posters/bulletin board fliers
Web site/Internet
E-mail
Co-sponsorships/partnerships
Organizational newsletters
Don't know
Other (Please list.) _____

Q36. Which of the following methods for information dissemination (regarding coastal resource issues) does your division utilize?

- National databases
- Regional databases
- Electronic data, information directories and clearinghouses
- Sources and methods of data sharing, such as national standards, protocols, and methods for data sharing and transmittal
- Formal courses and curriculums
- Expert systems development
- Model development
- Nationally applied methods, standards and protocols for conducting scientific activities
- Technical assistance in the form of face-to-face interactions
- Technical assistance in the form of manuals and similar materials for the non-specialist
- Synthesis of what is known about a particular subject in the form of a general, less technical outlet
- Synthesis of what is known about a particular subject in the form of a peer-reviewed outlet
- Peer-reviewed scientific papers presenting new research findings
- Partnerships
- None of these
- Don't know

Q37. Does your division partner with other organizations to conduct coastal resources education/outreach?

- Yes (**Skip to Q39**)
- No (**Continue with Q38**)
- Don't know (**Continue with Q38**)

Q38. How interested are you in your division partnering with other organizations to provide coastal resource education/outreach?

- Very interested (**Skip to Q40**)
- Somewhat interested (**Skip to Q40**)
- Not at all interested (**Skip to Q42**)
- Don't know (**Skip to Q42**)

Q39. Please list the names of the organizations with which your division partners most, and the coastal resource program(s) on which you partner with them?

Q40. Which of the following does your division need for an effective partnership with other organizations to provide coastal resource education/outreach? (Check all that apply.)

- Marketing/promotion assistance
- Facilities and logistics
- Funding agent
- Provide presenter/trainer
- Provide content expertise/technical assistance
- Program evaluation
- Don't know
- Other (Please describe.) _____

Q41. What do you feel your division could bring to a partnership with other organizations to provide coastal resources education/outreach? (Check all that apply.)

- Marketing/promotion assistance
- Facilities and logistics
- Funding agent
- Provide presenter/trainer
- Provide content expertise/technical assistance
- Program evaluation
- Don't know
- Other (Please describe.) _____

Q42. What are the barriers, if any, that your division faces regarding coastal resources education/outreach? (Check all that apply.)

Time

Funding

Distance

Lack of partnerships

Lack of personnel in general

Lack of education/outreach for personnel

Don't know

Other (Please describe.) _____

Coastal Education/Outreach Needs

Q43. For each of these groups, please indicate if you think there is a high, medium, or low need for the following groups to receive coastal resource education/outreach in New Jersey?

Local county managers/officials

City/town council members	High	Medium	Low
County commissioners.....	High	Medium	Low
Planning commission members	High	Medium	Low
City/town managers	High	Medium	Low
City/town planners	High	Medium	Low
City/town engineers	High	Medium	Low
Code enforcement officers.....	High	Medium	Low
Environmental health officials	High	Medium	Low
Transportation officials.....	High	Medium	Low

Volunteer organization members

Conservation commissions	High	Medium	Low
Land trusts	High	Medium	Low
Chapters of environmental organizations.....	High	Medium	Low
Watershed associations.....	High	Medium	Low
Property owners associations	High	Medium	Low

Business organizations

Realty associations	High	Medium	Low
Building/development associations	High	Medium	Low
Commercial property owners associations	High	Medium	Low
Chambers of commerce.....	High	Medium	Low
Rotary International	High	Medium	Low
Tourist boards.....	High	Medium	Low
Environmental consultants.....	High	Medium	Low

State/agency/professional associations

Wetland scientists	High	Medium	Low
Environmental educators	High	Medium	Low
Universities	High	Medium	Low
Estuarine researchers.....	High	Medium	Low
Coastal regulator	High	Medium	Low
Coastal planners.....	High	Medium	Low
Marine resources agency personnel.....	High	Medium	Low
Fisheries & wildlife personnel	High	Medium	Low
Environmental protection agency personnel.....	High	Medium	Low

K-12 educators

K-12 educators High Medium Low

Other

General population High Medium Low

Gaps in Coastal Education/Outreach

Q44. Overall, do you agree or disagree that there is enough coastal resource education/outreach in the state of New Jersey? (Check only one answer.)

- Strongly agree
- Moderately agree
- Neither agree nor disagree
- Moderately disagree
- Strongly disagree
- Don't know

Q45. Overall, do you agree or disagree that there are enough coastal resource education/outreach providers that offer education/outreach for coastal decision-makers in New Jersey? (Check only one answer.)

- Strongly agree
- Moderately agree
- Neither agree nor disagree
- Moderately disagree
- Strongly disagree
- Don't know

Conclusion

Q46. Thank you for your participation in this important study. Please feel free to relay any additional comments you may have regarding coastal resource education/outreach in New Jersey in the space below.

Thank you very much for taking the time to complete this survey.

(Note that the numbering on the graphs and the surveys do not match because the survey data were entered into a QPL file, which required a different numbering system. The QPL survey instrument is included in the appendix.)

New Jersey Coastal Resource Outreach and Education Needs Assessment Survey

Please select the category that best matches your profession. Please check only one category.

State Legislature

State legislators

Local county managers/officials

City/town council members
Boards of selectmen
County commissioners
Planning commission members
City/town managers
City/town planners
City/town engineers
Code enforcement officers
Environmental health officials
Transportation officials

Volunteer organization members

Conservation commissions
Land trusts
Chapters of environmental organizations
Watershed associations
Property owners associations

Business organizations

Realty associations
Building/development associations
Commercial property owners associations
Chambers of commerce
Rotary International
Tourist boards
Environmental consultants

State/agency/professional associations

Wetland scientists
Environmental educators

Universities
Estuarine researchers
Coastal regulator
Coastal planners
Marine resource agency personnel
Fisheries and wildlife personnel
Environmental protection agency personnel

K-12 educators

K-12 educators

Your Organization

Q1. What is the name of your agency/organization?

Q2. Which of the following coastal management resource issues do you/does your organization focus on? (Check all that apply.)

- Water quality/drinking water protection
- Watershed management
- Storm water management
- Coastal development/review of development plans
- Wetlands protection
- Septic systems and sewage
- Environmental education
- Land and habitat conservation
- Compliance with environmental regulations and code enforcement
- Shellfish/saltwater fisheries
- Marina and harbor
- Public access to natural resource
- Forestry/agriculture
- Other (Please describe.) _____

Q3. What are the top three agencies or organizations that you feel are the recognized authority for coastal resource information in New Jersey?

1. _____

2. _____

3. _____

Q4. Do you attend coastal resource professional development programs as part of your job?

- Yes
- No
- Don't know

Q5. Please tell me how interested you are in participating in coastal resource professional development programs in the future.

- Very interested
- Somewhat interested
- Neither interested nor uninterested
- Somewhat uninterested
- Very uninterested
- Don't know

If you answered “no” or “don’t know” in (Q4), please skip to Q15.

Q6. Do you attend coastal resource professional development programs every year?

- Yes
- No
- Don't know

Q7. How many hours of coastal resource professional development did you receive in the past year (January 2002-January 2003)?

_____ hours

Q8. How many different coastal resource professional development sessions do you typically attend per year? (Number of sessions is the number of times you attended any type of coastal resource professional development event.)

_____ sessions

Q9. Please list the names of the coastal resource professional development programs (and who provided them) in which you participated in the past year (January 2002-January 2003):

<i>Provider</i>	<i>Program</i>
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____

Q10. Who makes the decision about which coastal resource professional development programs that you attend?

- Supervisor
- You
- Other (Please describe.) _____

Q11. What is the average fee of the typical coastal resource professional development programs that you attend?

\$ _____

Q12. Now, please tell me the average fee of the following specific types of coastal resource professional development programs that you attend.

\$ _____ Technical training/skills building

\$ _____ Outreach workshops

\$ _____ One-on-one sessions

\$ _____ Consultations

\$ _____ Other

\$ _____ Other

Q13. Please tell me the average percent that **you pay** (out-of-pocket) and the average percent that **your organization** pays for the typical coastal resource professional development programs that you attend.

You _____%

Your organization _____%

Q14. Would you say that your travel to coastal resource sciences professional development is usually: (Check all that apply.)

Local

Regional

Statewide

National

International

Rutgers University and the Jacques Cousteau National Estuarine Research Reserve

The Jacques Cousteau National Estuarine Research Reserve is managed by the Institute of Marine Sciences, which is part of Rutgers University. The Jacques Cousteau Reserve and the Institute of Marine Sciences are engaged in research, education, and service efforts in coastal, estuarine, and open ocean environments.

Now, I am going to ask you some questions about the research conducted by the Institute of Marine Sciences and the Jacques Cousteau National Estuarine Research Reserve.

Q15. First, before this survey, I would like for you to tell me if you were very familiar, somewhat familiar, or not at all familiar with the Jacques Cousteau National Estuarine Research Reserve in New Jersey?

- Very familiar
- Somewhat familiar
- Not at all familiar

LEO-15 is an ocean observatory located in the coastal waters off the New Jersey shore to provide real-time data to researchers and the public. The real-time science data that is collected includes light, temperature, and salinity levels, currents, wave height and period, sediment transport, plankton blooms, and chemical characteristics.

Q16. Before this survey, please tell me if you were very familiar, somewhat familiar, or not at all familiar with LEO-15?

- Very familiar
- Somewhat familiar
- Not at all familiar

MARE (Marine, Activities, Resource and Education) is an interdisciplinary, whole-school change program that engages teachers, students, parents, administrators, and the community to transform elementary and middle schools into dynamic laboratories for the study of the ocean. MARE is a supplementary curriculum, especially designed to enrich science instruction for all students while promoting equity, language acquisition, and academic excellence.

Q17. Before this survey, please tell me if you were very familiar, somewhat familiar, or not at all familiar with the MARE (Marine, Activities, Resource and Education) Summer Institute for K-8 educators?

- Very familiar
- Somewhat familiar
- Not at all familiar

Coastal Decision Maker (CDM) workshops enhance informed decision-making on coastal issues by transferring technical information to audiences that have the ability to influence the management of coastal resources. The Jacques Cousteau National Estuarine Research Reserve workshops and programs for CDM are structured to provide the most accurate and scientific information on coastal resource issues.

Q18. Before this survey, please tell me if you were very familiar, somewhat familiar, or not at all familiar with the Coastal Decision-maker Workshop Series?

- Very familiar
- Somewhat familiar
- Not at all familiar

Q19. The following list includes research and education conducted by Rutgers University in conjunction with the Jacques Cousteau National Estuarine Research Reserve. For each of the following topics, please indicate your level of interest in learning more about each topic.

Water quality monitoring

Not at all interested Somewhat interested Very interested

Life history of estuarine fishes

Not at all interested Somewhat interested Very interested

Habitat ecology of estuarine fishes

Not at all interested Somewhat interested Very interested

Coastal upwelling and phytoplankton

Not at all interested Somewhat interested Very interested

Fish and clam larvae along the coast

Not at all interested Somewhat interested Very interested

Impacts of human disturbance on New Jersey estuaries

Not at all interested Somewhat interested Very interested

Wetlands

Not at all interested Somewhat interested Very interested

LEO-15 (Long-Term Ecosystem Observatory): LEO-15 is an ocean observatory located in the coastal waters off the New Jersey shore to provide real-time data to researchers and the public. The real-time science data that is collected includes light, temperature and salinity levels, currents, wave height and period, sediment transport, plankton blooms, and chemical characteristics.

Not at all interested Somewhat interested Very interested

MARE (Marine, Activities, Resource and Education) Summer Institute for K-8 educators: MARE is an interdisciplinary, whole-school change program that engages teachers, students, parents, administrators, and the community to transform elementary and middle schools into dynamic laboratories for the study of the ocean. MARE is a supplementary curriculum, especially designed to enrich science instruction for all students while promoting equity, language acquisition, and academic excellence.

Not at all interested

Somewhat interested

Very interested

Coastal Decision-Maker Workshop Series: Coastal Decision Maker (CDM) workshops enhance informed decision-making on coastal issues by transferring technical information to audiences that have the ability to influence the management of coastal resources. The Jacques Cousteau National Estuarine Research Reserve workshops and programs for CDM are structured to provide the most accurate and scientific information on coastal resource issues.

Not at all interested

Somewhat interested

Very interested

Training topics

Q20. The following are several subjects related to coastal resource management. Please indicate if **you professionally** have a high, medium, or low need for coastal resource **training or information** on the following topics.

Coastal Training Topics

Habitat issues

Biodiversity	High	Medium	Low
Habitat fragmentation	High	Medium	Low
Habitat protection and restoration	High	Medium	Low
Buffers	High	Medium	Low
Wetlands and waterways protection	High	Medium	Low
Special area management	High	Medium	Low
Fire management	High	Medium	Low
Native plants	High	Medium	Low
Wildlife corridors	High	Medium	Low
Urban sprawl	High	Medium	Low

Coastal issues

Beach nourishment	High	Medium	Low
Boat/marina management	High	Medium	Low
Coastal community development	High	Medium	Low
Coastal construction	High	Medium	Low
Coastal erosion	High	Medium	Low
Dredging and filling	High	Medium	Low
Coastal hazards	High	Medium	Low
Coastal processes/geology	High	Medium	Low
Public access	High	Medium	Low
Severe weather emergency management	High	Medium	Low
Ports, navigation, transportation planning	High	Medium	Low
Saltwater intrusion	High	Medium	Low

Water quality issues

Water quality	High	Medium	Low
Water quantity	High	Medium	Low
Eutrophication	High	Medium	Low
<i>(Defn: Excessive enrichment of waters with nutrients, and the associated adverse biological effects.)</i>			
Nonpoint source pollution	High	Medium	Low
Point source pollution	High	Medium	Low
Sedimentation	High	Medium	Low
Septic system issues	High	Medium	Low

Wastewater management	High	Medium	Low
Storm water protection and cleanup	High	Medium	Low
Nitrogen loading	High	Medium	Low

Education, planning, and regulation

Land use planning (smart growth, watershed buildup)	High	Medium	Low
Sustainable facilities (green design)	High	Medium	Low
GIS (geographic information systems)	High	Medium	Low
Intra-agency/org. communications	High	Medium	Low
Inter-agency/org. communications	High	Medium	Low
Organizational/management skills	High	Medium	Low
Public safety	High	Medium	Low
Regulations	High	Medium	Low
Environmental education for K-12 students	High	Medium	Low
Professional development for K-12 educators	High	Medium	Low
Environmental education for adults	High	Medium	Low

Resource management and other issues

Endangered species	High	Medium	Low
Invasive species	High	Medium	Low
Agricultural issues and practices	High	Medium	Low
Global warming and climate	High	Medium	Low
Ecological landscaping	High	Medium	Low
Erosion control	High	Medium	Low
Estuarine ecology	High	Medium	Low
Aquaculture	High	Medium	Low
Fisheries and by-catch issues	High	Medium	Low
Fisheries and fishery law	High	Medium	Low
Forestry issues	High	Medium	Low
Environmental technologies	High	Medium	Low
Economic aspects of land use	High	Medium	Low
Real estate issues	High	Medium	Low
Social aspects of land use	High	Medium	Low
Renewable energy	High	Medium	Low
Land trusts and conservation acquisitions	High	Medium	Low
Mineral, oil and natural gas extraction	High	Medium	Low

Ocean Sciences Topics

Ocean forecasting	High	Medium	Low
Climate prediction	High	Medium	Low
Biogeochemical predictors of ocean-atmosphere conditions	High	Medium	Low
Ocean surface optical properties	High	Medium	Low

Q21. From which sources do you currently receive the information you need for making coastal resource management decisions? (Check all that apply.)

Municipal officials — town planner/town engineer

State resource

Federal resource

Environmental groups

Word-of-mouth or personal contacts

Personal knowledge/educational and professional background

Library references

Internet

Professional contacts through meetings

Associations and newsletters

Others (Please describe.) _____

Real-time science data are updated as conditions change, such as the tracking of ocean temperatures. This type of information is collected and reported by Rutgers University in conjunction with the Jacques Cousteau National Estuarine Research Reserve.

Q22. Have you ever used real-time science data in your job?

Yes (**Continue to Q23.**)

No (**Skip to Q24.**)

Q23. For what purpose did you use real-time science data?

Q24. Are you interested in learning more about real-time science data?

Yes

No

Don't know

A GIS is a computer system capable of assembling, storing, manipulating, and displaying geographically referenced information, i.e. data according to its location. GIS technology can be used for scientific investigations, resource management, and development planning.

Q25. Have you ever used GIS (Geographic Information Systems) in your job?

Yes **(Continue to Q26.)**

No **(Skip to Q27.)**

Q26. For what purpose did you use GIS (Geographic Information Systems)?

Q27. Are you interested in learning more about GIS (Geographic Information Systems)?

Yes

No

Don't know

Training Preferences

Q28. Please rate the following coastal resource professional development **formats** regarding their effectiveness to you **professionally** in learning about coastal resource issues.

Certification programs				
Not at all effective	Somewhat effective	Very effective	Don't know	
Conferences				
Not at all effective	Somewhat effective	Very effective	Don't know	
Continuing education courses				
Not at all effective	Somewhat effective	Very effective	Don't know	
Distance learning programs				
Not at all effective	Somewhat effective	Very effective	Don't know	
Field-based programs/field trips				
Not at all effective	Somewhat effective	Very effective	Don't know	
Informal training (meetings, etc.)				
Not at all effective	Somewhat effective	Very effective	Don't know	
Information products and technical resource				
Not at all effective	Somewhat effective	Very effective	Don't know	
In-service training (for K-12 educators)				
Not at all effective	Somewhat effective	Very effective	Don't know	
Pre-service training (for K-12 educators)				
Not at all effective	Somewhat effective	Very effective	Don't know	
Laboratory courses				
Not at all effective	Somewhat effective	Very effective	Don't know	
Seminars				
Not at all effective	Somewhat effective	Very effective	Don't know	
Web-based programs				
Not at all effective	Somewhat effective	Very effective	Don't know	
Workshops				
Not at all effective	Somewhat effective	Very effective	Don't know	

Q29. How effective do you feel that the following **learning techniques** are for you?

Accelerated learning techniques			
Not at all effective	Somewhat effective	Very effective	Don't know
Case studies			
Not at all effective	Somewhat effective	Very effective	Don't know
Demonstrations			
Not at all effective	Somewhat effective	Very effective	Don't know
Lectures			
Not at all effective	Somewhat effective	Very effective	Don't know
One-on-one instruction			
Not at all effective	Somewhat effective	Very effective	Don't know
Presentations			
Not at all effective	Somewhat effective	Very effective	Don't know
Round-table discussions			
Not at all effective	Somewhat effective	Very effective	Don't know
Role-playing			
Not at all effective	Somewhat effective	Very effective	Don't know
Hands-on activities			
Not at all effective	Somewhat effective	Very effective	Don't know
Other (Please list.) _____			
Not at all effective	Somewhat effective	Very effective	Don't know
Other (Please list.) _____			
Not at all effective	Somewhat effective	Very effective	Don't know

Q30. Please rate the following incentives as a means to encourage you to attend a training or education/outreach session on coastal resource management issues. (Please rate each incentive as high, medium, or low.)

Food	High	Medium	Low
T-shirt	High	Medium	Low
Certification	High	Medium	Low
Take-home or follow-up materials	High	Medium	Low
Travel costs covered	High	Medium	Low
Free lodging	High	Medium	Low
Transportation provided	High	Medium	Low
Free training	High	Medium	Low
Field demonstrations	High	Medium	Low
Time off	High	Medium	Low
Field guides/identification manuals	High	Medium	Low
Continuing education credits	High	Medium	Low
Commendation/recognition	High	Medium	Low
Special patch designating training completion	High	Medium	Low
Expert speakers	High	Medium	Low
Easy access to workshop	High	Medium	Low
Other (Please list.) _____			
Other (Please list.) _____			
Other (Please list.) _____			

Skip Q31 if you are not interested in coastal resource professional development, as indicated in Q5.

Q31. When is the best time for you to attend coastal resource professional development? (Choose one in each section.)

Season (Please check one.)

- Spring
- Summer
- Fall
- Winter
- Any season

Day of Week (Please check one.)

- Weekdays
- Weekends
- Any day

Time of day (Please check one.)

- Morning
- Afternoon
- Evening
- Any time of day

Session length (Please check one.)

- One-hour program
- Half day session
- Day long session
- 2+ day session
- Self directed study with no time commitment
- Any length of time

Q32. How would you prefer to be notified/made aware of coastal resource professional development programs? (Check all that apply.)

- Direct mail
- Word of mouth
- Telephone notification
- Public service announcements
- Press releases
- Newspaper articles/advertisements
- Radio
- Television
- Posters/bulletin board fliers
- Web site/Internet
- E-mail
- Organizational newsletters
- Don't know
- Not interested in being notified/made aware
- Other (Please list.) _____
- Other (Please list.) _____
- Other (Please list.) _____

Q33. Please tell me how effective you think the following methods are as a way for you and your organization to receive information about coastal resource issues.

- National databases
- Not at all effective Somewhat effective Very effective Don't know

Regional databases			
Not at all effective	Somewhat effective	Very effective	Don't know
Electronic data, information directories and clearinghouses			
Not at all effective	Somewhat effective	Very effective	Don't know
Sources and methods of data sharing, such as national standards, protocols, and methods for data sharing and transmittal			
Not at all effective	Somewhat effective	Very effective	Don't know
Formal courses and curriculums			
Not at all effective	Somewhat effective	Very effective	Don't know
Expert systems development			
Not at all effective	Somewhat effective	Very effective	Don't know
Model development			
Not at all effective	Somewhat effective	Very effective	Don't know
Nationally applied methods, standards and protocols for conducting scientific activities			
Not at all effective	Somewhat effective	Very effective	Don't know
Technical assistance in the form of face-to-face interactions			
Not at all effective	Somewhat effective	Very effective	Don't know
Technical assistance in the form of manuals and similar materials for the non-specialist			
Not at all effective	Somewhat effective	Very effective	Don't know
Synthesis of what is known about a particular subject in the form of a general, less technical outlet			
Not at all effective	Somewhat effective	Very effective	Don't know
Synthesis of what is known about a particular subject in the form of a peer-reviewed outlet			
Not at all effective	Somewhat effective	Very effective	Don't know
Peer-reviewed scientific papers presenting new research findings			
Not at all effective	Somewhat effective	Very effective	Don't know

Skip Q34 if you are not interested in coastal resource professional development as indicated in Q5.

Q34. How do you prefer to register for a coastal resource professional development session? (Check all that apply.)

On-line registration

Mail-in registration

Telephone registration

Other (Please list.) _____

Other (Please list.) _____

Other (Please list.) _____

Q35. What factors affect your ability to attend coastal resource professional development? (Check all that apply.)

I have no constraints

Organization won't pay registration fees

Takes too long to get reimbursed by my organization

Organization won't reimburse for travel

Enforced travel restrictions

Food/lodging constraints

Transportation constraints/no way of getting there

Can't get time off

Family constraints

Training is not held in a convenient location

No time/too busy

Training not relevant to my needs

Other (Please describe.) _____

Other (Please describe.) _____

Other (Please describe.) _____

Gaps in Coastal Training

Q36. Overall, do you agree or disagree that there is enough available coastal resource professional development for coastal resource decision makers in the state of New Jersey? (Check only one answer.)

- Strongly agree
- Moderately agree
- Neither agree nor disagree
- Moderately disagree
- Strongly disagree
- Don't know

Q37. Overall, do you agree or disagree that there are enough coastal resource professional development providers that offer training for coastal decision makers in New Jersey? (Check only one answer.)

- Strongly agree
- Moderately agree
- Neither agree nor disagree
- Moderately disagree
- Strongly disagree
- Don't know

Q38. For each of these groups, please indicate if you think there is a high, medium, or low need for each of the following groups to receive coastal resource information and professional development in New Jersey?

State Legislature

State legislators	High	Medium	Low
-------------------	------	--------	-----

Local county managers/officials

City/town council members	High	Medium	Low
Boards of selectmen	High	Medium	Low
County commissioners	High	Medium	Low
Planning commission members	High	Medium	Low
City/town managers	High	Medium	Low
City/town planners	High	Medium	Low
City/town engineers	High	Medium	Low
Code enforcement officers	High	Medium	Low
Environmental health officials	High	Medium	Low
Transportation officials	High	Medium	Low

Volunteer organization members

Conservation commissions	High	Medium	Low
Land trusts	High	Medium	Low
Chapters of environmental organizations	High	Medium	Low
Watershed associations	High	Medium	Low
Property owners associations	High	Medium	Low

Business organizations

Realty associations	High	Medium	Low
Building/development associations	High	Medium	Low
Commercial property owners associations	High	Medium	Low
Chambers of commerce	High	Medium	Low
Rotary International	High	Medium	Low
Tourist boards	High	Medium	Low
Environmental consultants	High	Medium	Low

State/agency/professional associations

Wetland scientists	High	Medium	Low
Environmental educators	High	Medium	Low
Universities	High	Medium	Low
Estuarine researchers	High	Medium	Low
Coastal regulator	High	Medium	Low
Coastal planners	High	Medium	Low
Marine resource agency personnel	High	Medium	Low
Inland fisheries & wildlife personnel	High	Medium	Low
Environmental protection agency personnel	High	Medium	Low

K-12 educators

K-12 educators	High	Medium	Low
----------------	------	--------	-----

Other

General population	High	Medium	Low
--------------------	------	--------	-----

Thank you very much for taking the time to complete this survey.

Coastal Training Needs Assessment and Market Inventory for the Jacques Cousteau Reserve 345

(This is the QPL needs assessment survey instrument. The graph numbering matches this survey instrument.)

2003 NJ CTP Needs Assessment Survey
Copyright Responsive Management 2003

1. PRESS RETURN WHEN INTERVIEW BEGINS START
TIMER STARTS AFTER THIS SCREEN

2. Time when interview began TIME1 1:1-5
|_|_|_|_|_|_|_|_|_|_|

3. Hello, may I speak with _____? My name is _____,
and I'm calling on behalf of Rutgers University to ask you
some questions about Coastal Training in New Jersey. We are
not selling anything and the survey will just take a few
minutes. Will you help us out by completing the survey?
CONPER 1:6-7
(CHECK ONLY ONE ANSWER)

- |_| 1. Correct person, good time to do survey (GO TO QUESTION 6)
- |_| 2. Bad time/schedule recall (CB - do not save) (GO TO QUESTION 4)
- |_| 3. AM, NA, BZ (do not save)
- |_| 4. TM
- |_| 5. RF
- |_| 6. NE
- |_| 7. DS
- |_| 8. BG
- |_| 9. DL
- |_| 10. Bad Number (missing digit, begins with zero, etc.)

SKIP TO QUESTION 249
=====

4. When would be a convenient time to call you back?
Thank you for your time. WHENCALL
ENTER DAY AND TIME ON CALLSHEET (CB)

SKIP TO QUESTION 249
=====

5. YOU DID NOT USE
YOUR SPACE BAR NOSPAC1
PRESS ENTER TO TRY AGAIN

6. SELECT RESPONDENT CATEGORY.

TYPE1 1:8-23

(CHECK ALL THAT APPLY)

- 1. State legislators
- 2. City/town council members
- 3. Boards of selectmen
- 4. County commissioners
- 5. Planning commission members
- 6. City/town managers
- 7. City/town planners
- 8. City/town engineers
- 9. Code enforcement officers
- 10. Environmental health officials
- 11. Transportation officials
- 12. Conservation commissions
- 13. Land trusts
- 14. Chapters of environmental organizations
- 15. Watershed associations
- 16. Property owners associations

7. RESPONDENT CATEGORIES CONTINUED.

TYPE2 1:24-40

(CHECK ALL THAT APPLY)

- 1. Realty associations
- 2. Building/development associations
- 3. Commercial property owners associations
- 4. Chambers of commerce
- 5. Rotary International
- 6. Tourist boards
- 7. Environmental consultants
- 8. Wetland scientists
- 9. Environmental educators
- 10. Universities
- 11. Estuarine researchers
- 12. Coastal regulator
- 13. Coastal planners
- 14. Marine resource agency personnel
- 15. Fisheries and wildlife personnel
- 16. Environmental protection agency personnel
- 17. K-12 educators

IF (#6 = 0 AND #7 = 0) GO TO #5

8. What is the name of your agency/organization?

ORGNAM 2:1-240

SKIP TO QUESTION 10

=====

9. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC2

PRESS ENTER TO TRY AGAIN

10. Which of the following coastal management resource
issues do you/does your organization focus on?
(DNR LIST; CHECK ALL THAT APPLY)

ISSUES 3:1-15

(CHECK ALL THAT APPLY)

- 1. Water quality/drinking water protection
- 2. Watershed management
- 3. Storm water management
- 4. Coastal development/review of development plans
- 5. Wetlands protection
- 6. Septic systems and sewage
- 7. Environmental education
- 8. Land and habitat conservation
- 9. Compliance with environmental regulations and code enforcement
- 10. Shellfish/saltwater fisheries
- 11. Marina and harbor
- 12. Public access to natural resource
- 13. Forestry/agriculture
- 14. Don't know
- 15. Other

IF (#10 = 0) GO TO #9

IF (#10 @ 15) GO TO #11

SKIP TO QUESTION 12

=====

11. ENTER OTHER ISSUE(S).

ISSUESST 4:1-240

12. What are the top three agencies or organizations that you feel are the recognized authority for coastal resource information in New Jersey? (SEPARATE ORGS. BY A SEMICOLON)

TOPORGS 5:1-240

13. Do you attend coastal resource professional development programs as part of your job?

DEVPROGS 5:241

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 13)
- 2. Yes
- 3. No
- 4. Don't know

14. Please tell me how interested you are in participating in coastal resource professional development programs in the future. (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

INTPROGS 5:242

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 14)
- 2. Very interested
- 3. Somewhat interested
- 4. Neither interested nor uninterested
- 5. Somewhat uninterested
- 6. Very uninterested
- 7. Don't know

IF (#13 > 2) GO TO #39

15. Do you attend coastal resource professional development programs every year?

EACHYEAR 5:243

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 15)
- 2. Yes
- 3. No
- 4. Don't know

16. How many hours of coastal resource professional development did you receive in the past year (January 2002-January 2003)?
(ENTER ? FOR DON'T KNOW)

DEVHOURS 5:244-247

|_|,|_|_|_| hours

HIGHEST VALUE = 8760

17. How many different coastal resource professional development sessions do you typically attend per year? (Number of sessions is the number of times you attended any type of coastal resource professional development event.) (ENTER ? FOR DON'T KNOW)

NUMSESS 5:248-250

|_|_|_| sessions

HIGHEST VALUE = 365

IF (#16 = 0) GO TO #24

18. Please list the names of the coastal resource professional development programs (and who provided them) in which you participated in the past year (January 2002-January 2003):

(ENTER 1ST PROGRAM AND PROVIDER)
(ENTER IN FORMAT: PROGRAM; PROVIDER)

NAME1 6:1-240

Coastal Training Needs Assessment and Market Inventory for the Jacques Cousteau Reserve 350

19. (ENTER 2ND PROGRAM AND PROVIDER)
(ENTER IN FORMAT: PROGRAM; PROVIDER)
(LEAVE BLANK IF ONLY ATTENDED ONE PROGRAM)

NAME2 7:1-240

20. (ENTER 3RD PROGRAM AND PROVIDER)
(ENTER IN FORMAT: PROGRAM; PROVIDER)
(LEAVE BLANK IF ONLY ATTENDED TWO PROGRAMS)

NAME3 8:1-240

21. (ENTER 4TH PROGRAM AND PROVIDER)
(ENTER IN FORMAT: PROGRAM; PROVIDER)
(LEAVE BLANK IF ONLY ATTENDED THREE PROGRAMS)

NAME4 9:1-240

22. (ENTER 5TH PROGRAM AND PROVIDER)
(ENTER IN FORMAT: PROGRAM; PROVIDER)
(LEAVE BLANK IF ONLY ATTENDED FOUR PROGRAM)

NAME5 10:1-240

SKIP TO QUESTION 24

=====

23. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC3

PRESS ENTER TO TRY AGAIN

24. Who makes the decision about which coastal resource professional development programs that you attend?
(DNR LIST; CHECK ALL THAT APPLY)

WHODEC 10:241-244

(CHECK ALL THAT APPLY)

- 1. Supervisor
- 2. You
- 3. Don't know
- 4. Other

IF (#24 = 0) GO TO #23

IF (#24 @ 4) GO TO #25

SKIP TO QUESTION 26

=====

25. ENTER OTHER DECISION MAKER.

WHODECST 11:1-240

26. What is the average fee of the typical coastal resource professional development programs that you attend?
(ENTER ? FOR DON'T KNOW; ENTER \$88,888 FOR N/A)

AVGFEE 11:241-245

\$|_|_|,|_|_|_|

27. Now, please tell me the average fee of the following specific types of coastal resource professional development programs that you attend. First, what about technical training/skills building? (ENTER ? FOR DON'T KNOW; ENTER \$88,888 FOR N/A)

FEETECH 11:246-250

\$|_|_|,|_|_|_|

28. What about outreach workshops?
(ENTER ? FOR DON'T KNOW; ENTER \$88,888 FOR N/A)

FEEWORK 12:1-5

\$|_|_|,|_|_|_|

29. What about one-on-one sessions?
(ENTER ? FOR DON'T KNOW; ENTER \$88,888 FOR N/A)

FEE1ON1 12:6-10

\$|_|_|,|_|_|_|

30. What about consultations?

(ENTER ? FOR DON'T KNOW; ENTER \$88,888 FOR N/A)

FEECNLSLT 12:11-15

\$|_|_|_|,|_|_|_|_|

31. Did you attend any other types of professional development programs? If yes: What type of professional development program(s) did you attend?

ENTER FIRST TYPE OF OTHER PROFESSIONAL DEVELOPMENT PROGRAM THEY ATTENDED. LEAVE BLANK IF THEY DID NOT ATTEND OTHER TYPES OF PROGRAMS.

PROOTH1 13:1-240

32. What was the fee for #31?

(ENTER FEE FOR OTHER TYPE OF PROFESSIONAL DEVELOPMENT PROGRAM.) (ENTER ? FOR DON'T KNOW)

FEEOTH1 13:241-245

\$|_|_|_|,|_|_|_|_|

33. Did you attend any other types of professional development programs? If yes: What type of professional development program(s) did you attend?

ENTER SECOND TYPE OF OTHER PROFESSIONAL DEVELOPMENT PROGRAM THEY ATTENDED. LEAVE BLANK IF THEY DID NOT ATTEND OTHER TYPES OF PROGRAMS.

PROOTH2 14:1-240

34. What was the fee for #33?

(ENTER FEE FOR OTHER TYPE OF PROFESSIONAL DEVELOPMENT PROGRAM.) (ENTER ? FOR DON'T KNOW)

FEEOTH2 14:241-245

\$|_|_|_|,|_|_|_|_|

35. Please tell me the average percent that you pay
(out-of-pocket) for the typical coastal resource
professional development programs that you attend.
(ENTER ? FOR DON'T KNOW)

YOUPAY 14:246-248

|__|__|__|%

HIGHEST VALUE = 100

36. Please tell me the average percent that your
organization pays for the typical coastal resource
professional development programs that you attend.
(ENTER ? FOR DON'T KNOW)

ORGPAY 15:1-3

|__|__|__|%

HIGHEST VALUE = 100

SKIP TO QUESTION 38

=====

37. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC4

PRESS ENTER TO TRY AGAIN

38. Would you say that your travel to coastal resource
sciences professional development is usually:
(READ LIST; CHECK ALL THAT APPLY)

TRAVEL 15:4-9

(CHECK ALL THAT APPLY)

- |__| 1. Local
- |__| 2. Regional
- |__| 3. Statewide
- |__| 4. National
- |__| 5. International
- |__| 6. Don't know

IF (#38 = 0) GO TO #37

39. The Jacques Cousteau National Estuarine Research Reserve is managed by the Institute of Marine Sciences, which is part of Rutgers University. The Jacques Cousteau Reserve and the Institute of Marine Sciences are engaged in research, education, and service efforts in coastal, estuarine, and open ocean environments.

Now, I am going to ask you some questions about the research conducted by the Institute of Marine Sciences and the Jacques Cousteau National Estuarine Research Reserve.

JCNERR

PRESS ENTER TO CONTINUE

40. First, before this survey, I would like for you to tell me if you were very familiar, somewhat familiar, or not at all familiar with the Jacques Cousteau National Estuarine Research Reserve in New Jersey?
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

KNOWPROG 15:10

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 40)
- 2. Very familiar
- 3. Somewhat familiar
- 4. Not at all familiar
- 5. Don't know

41. LEO-15 is an ocean observatory located in the coastal waters off the New Jersey shore to provide real-time data to researchers and the public. The real-time science data that is collected includes light, temperature and salinity levels, currents, wave height and period, sediment transport, plankton blooms and chemical characteristics.

Before this survey, please tell me if you were very familiar, somewhat familiar, or not at all familiar with LEO-15?
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

KNWLEO15 15:11

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 41)
- 2. Very familiar
- 3. Somewhat familiar
- 4. Not at all familiar
- 5. Don't know

42. MARE (Marine, Activities, Resource and Education) is an interdisciplinary, whole school change program that engages teachers, students, parents, administrators, and the community to transform elementary and middle schools into dynamic laboratories for the study of the ocean. MARE is a supplementary curriculum, especially designed to enrich science instruction for all students while promoting equity, language acquisition and academic excellence.

Before this survey, please tell me if you were very familiar, somewhat familiar, or not at all familiar with the MARE (Marine, Activities, Resource and Education) Summer Institute for K-8 educators? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

KNOWMARE 15:12

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 42)
- 2. Very familiar
- 3. Somewhat familiar
- 4. Not at all familiar
- 5. Don't know

43. Coastal Decision Maker (CDM) workshops enhance informed decision-making on coastal issues by transferring technical information to audiences that have the ability to influence the management of coastal resources. The Jacques Cousteau National Estuarine Research Reserve workshops and programs for CDM are structured to provide: the most accurate and scientific information on coastal resource issues.

Before this survey, please tell me if you were very familiar, somewhat familiar, or not at all familiar with the Coastal Decision-maker Workshop Series?

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

KNOWCDMW 15:13

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 43)
- 2. Very familiar
- 3. Somewhat familiar
- 4. Not at all familiar
- 5. Don't know

44. The following list includes research and education conducted by Rutgers University in conjunction with the Jacques Cousteau National Estuarine Research Reserve.

For each of the following topics, please indicate your level of interest in learning more about each topic.

TOPICS

PRESS ENTER TO CONTINUE

45. First, what about water quality monitoring?
(What is your level of interest in this topic?)
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

H2OQUAL 15:14

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 45)
- 2. Very interested
- 3. Somewhat interested
- 4. Not at all interested
- 5. Don't know

46. What about life history of estuarine fishes?
(What is your level of interest in this topic?)
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

LIFEHIST 15:15

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 46)
- 2. Very interested
- 3. Somewhat interested
- 4. Not at all interested
- 5. Don't know

47. What about habitat ecology of estuarine fishes?
(What is your level of interest in this topic?)
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

HABECOL 15:16

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 47)
- 2. Very interested
- 3. Somewhat interested
- 4. Not at all interested
- 5. Don't know

48. What about coastal upwelling and phytoplankton?
(What is your level of interest in this topic?)
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

UPWELL 15:17

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 48)
- 2. Very interested
- 3. Somewhat interested
- 4. Not at all interested
- 5. Don't know

49. What about fish and clam larvae along the coast?
(What is your level of interest in this topic?)
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

LARVAE 15:18

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 49)
- 2. Very interested
- 3. Somewhat interested
- 4. Not at all interested
- 5. Don't know

50. What about impacts of human disturbance on New Jersey estuaries? (What is your level of interest in this topic?)
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

IMPACTS 15:19

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 50)
- 2. Very interested
- 3. Somewhat interested
- 4. Not at all interested
- 5. Don't know

51. What about wetlands?

(What is your level of interest in this topic?)
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

WETLANDS 15:20

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 51)
- 2. Very interested
- 3. Somewhat interested
- 4. Not at all interested
- 5. Don't know

52. What about LEO-15 (Long-term Ecosystem Observatory): LEO-15 is an ocean observatory located in the coastal waters off the New Jersey shore to provide real-time data to researchers and the public. The real-time science data that is collected includes light, temperature and salinity levels, currents, wave height and period, sediment transport, plankton blooms and chemical characteristics. (What is your level of interest in this topic?) (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

LEO15 15:21

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 52)
- 2. Very interested
- 3. Somewhat interested
- 4. Not at all interested
- 5. Don't know

53. What about MARE (Marine, Activities, Resource and Education)? Summer Institute for K-8 educators? MARE (Marine, Activities, Resource and Education) is an interdisciplinary, whole school change program that engages teachers, students, parents, administrators, and the community to transform elementary and middle schools into dynamic laboratories for the study of the ocean. MARE is a supplementary curriculum, especially designed to enrich science instruction for all students while promoting equity, language acquisition and academic excellence. (What is your level of interest in this topic?) (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

MARE 15:22

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 53)
- 2. Very interested
- 3. Somewhat interested
- 4. Not at all interested
- 5. Don't know

54. What about the Coastal Decision-Maker Workshop Series?
Coastal Decision Maker (CDM) workshops enhance informed decision-making on coastal issues by transferring technical information to audiences that have the ability to influence the management of coastal resources. The Jacques Cousteau National Estuarine Research Reserve workshops and programs for CDM are structured to provide: the most accurate and scientific information on coastal resource issues.
(What is your level of interest in this topic?)
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

CDMWS 15:23

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 54)
- 2. Very interested
- 3. Somewhat interested
- 4. Not at all interested
- 5. Don't know

55. The following are several subjects related to coastal resource management. Please indicate if you professionally have a high, medium, or low need for coastal resource training or information on the following topics.

First, I'm going to ask you about habitat issues. The first habitat issue is biodiversity. Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?
(READ SCALE AS NECESSARY)

BIODIV 15:24

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 55)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

56. What about habitat fragmentation? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

HABFRAG 15:25

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 56)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

57. What about habitat protection and restoration? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

HABPROT 15:26

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 57)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

58. What about buffers? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

BUFFERS 15:27

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 58)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

59. What about wetlands and waterways protection? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

WETPROT 15:28

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 59)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

60. What about special area management? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

SPECMGMT 15:29

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 60)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

61. What about fire management? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

FIREMGMT 15:30

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 61)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

62. What about native plants? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

NATIVE 15:31

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 62)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

63. What about wildlife corridors? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)

(READ SCALE AS NECESSARY)

WILDCORR 15:32

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 63)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

64. What about urban sprawl? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)

(READ SCALE AS NECESSARY)

URBNSPRL 15:33

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 64)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

65. Now I'm going to ask you about coastal issues. First, do you professionally have a high, medium, or low need for coastal resources training on beach nourishment? (READ SCALE AS NECESSARY)

BCHNRSH 15:34

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 65)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

66. What about boat/marina management? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

BOATMGMT 15:35

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 66)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

67. What about coastal community development? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

COMMDEV 15:36

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 67)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

68. What about coastal construction? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

COASTCNS 15:37

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 68)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

69. What about coastal erosion? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

COSTERSN 15:38

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 69)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

70. What about dredging and filling? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

DREDGING 15:39

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 70)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

71. What about coastal hazards? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

HAZARDS 15:40

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 71)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

72. What about coastal processes/geology? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

GEOLOGY 15:41

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 72)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

73. What about public access? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

PUBACC 15:42

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 73)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

74. What about severe weather emergency management? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

WEATHER 15:43

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 74)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

75. What about ports, navigation, transportation planning? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

PORTS 15:44

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 75)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

76. What about saltwater intrusion? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

SALTINTR 15:45

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 76)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

77. Now I'm going to ask you about water quality issues. First, do you professionally have a high, medium, or low need for coastal resources training on water quality in general? (READ SCALE AS NECESSARY)

QUALH2O 15:46

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 77)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

78. What about water quantity? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

H2OQUANT 15:47

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 78)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

79. What about eutrophication? (Defn: Excessive enrichment of waters with nutrients, and the associated adverse biological effects.) (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

EUTROPH 15:48

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 79)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

80. What about nonpoint source pollution? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

NONPOINT 15:49

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 80)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

81. What about point source pollution? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

POINT 15:50

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 81)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

82. What about sedimentation? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

SEDIMENT 15:51

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 82)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

83. What about septic system issues? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

SEPTIC 15:52

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 83)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

84. What about wastewater management? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

WASTE20 15:53

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 84)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

85. What about storm water protection and cleanup? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

STORMH20 15:54

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 85)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

86. What about nitrogen loading? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

NLOAD 15:55

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 86)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

87. Now I'm going to ask you about education, planning, and regulation issues. First, do you professionally have a high, medium, or low need for coastal resources training on land use planning (smart growth, watershed buildup)?
(READ SCALE AS NECESSARY)

LANDUSE 15:56

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 87)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

88. What about sustainable facilities (green design)? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

SUSTAIN 15:57

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 88)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

89. What about GIS (geographic information systems)? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

GIS 15:58

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 89)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

90. What about intra-agency/organization communications?
(Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

INTRACOM 15:59

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 90)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

91. What about inter-agency/organization communications?
(Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

INTERCOM 15:60

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 91)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

92. What about organizational/management skills? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

MGMTSKLL 15:61

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 92)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

93. What about public safety? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

PUBSAFE 15:62

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 93)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

94. What about regulations? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

REGS 15:63

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 94)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

95. What about environmental education for K-12 students?
(Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

KIDENVED 15:64

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 95)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

96. What about professional development for K-12 educators?
(Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

PRODEV 15:65

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 96)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

97. What about environmental education for adults? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

ADENVED 15:66

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 97)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

98. Now I'm going to ask you about resource Management and other issues. First, do you professionally have a high, medium, or low need for coastal resources training on endangered species? (READ SCALE AS NECESSARY)

ENDSPC 15:67

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 98)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

99. What about invasive species? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

INVSVSPC 15:68

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 99)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

100. What about agricultural issues and practices? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

AGPRACT 15:69

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 100)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

101. What about global warming and climate? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

WARMING 15:70

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 101)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

102. What about ecological landscaping? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

ECOLAND 15:71

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 102)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

103. What about erosion control? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

EROSION 15:72

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 103)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

104. What about estuarine ecology? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

ESTECOL 15:73

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 104)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

105. What about aquaculture? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

AQUACULT 15:74

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 105)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

106. What about fisheries and by-catch issues? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)
(READ SCALE AS NECESSARY)

BYCATCH 15:75

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 106)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

107. What about fisheries and fishery law? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

FISHLAWS 15:76

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 107)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

108. What about forestry issues? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

FOREST 15:77

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 108)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

109. What about environmental technologies? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

ENVTECH 15:78

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 109)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

110. What about economic aspects of land use? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

LANDECON 15:79

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 110)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

111. What about real estate issues? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

REALEST 15:80

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 111)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

112. What about social aspects of land use? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

LANDSOC 15:81

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 112)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

113. What about renewable energy? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

RENEWENG 15:82

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 113)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

114. What about land trusts and conservation acquisitions? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

LANDAQ 15:83

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 114)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

115. What about mineral, oil and natural gas extraction? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

EXTRACT 15:84

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 115)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

116. Now I'm going to ask you about ocean science topics. First, do you professionally have a high, medium, or low need for coastal resources training on ocean forecasting? (READ SCALE AS NECESSARY)

FORECAST 15:85

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 116)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

117. What about climate prediction? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?) (READ SCALE AS NECESSARY)

PREDICT 15:86

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 117)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

118. What about biogeochemical predictors of ocean-atmosphere conditions? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic?)(READ SCALE AS NECESSARY)

BIOCHEM 15:87

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 118)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

119. What about ocean surface optical properties? (Do you professionally have a high, medium, or low need for coastal resources training or information on this topic? (READ SCALE AS NECESSARY)

OPTCPROP 15:88

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 119)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

SKIP TO QUESTION 121

=====

120. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC5

PRESS ENTER TO TRY AGAIN

121. From which sources do you currently receive the information you need for making coastal resource management decisions? (DNR LIST; CHECK ALL THAT APPLY)

GETINF 15:89-100

(CHECK ALL THAT APPLY)

- 1. Municipal officials - town planner/town engineer
- 2. State resource
- 3. Federal resource
- 4. Environmental groups
- 5. Word of mouth or personal contacts
- 6. Personal knowledge/educational and professional background
- 7. Library references
- 8. Internet
- 9. Professional contacts through meetings
- 10. Associations and newsletters
- 11. Don't know
- 12. Others

IF (#121 = 0) GO TO #120

IF (#121 @ 11) GO TO #122

SKIP TO QUESTION 123

=====

122. ENTER OTHER SOURCE OF INFORMATION.

GETINFST 16:1-240

123. Real-time science data are updated as conditions change, such as the tracking of ocean temperatures. This type of information is collected and reported by Rutgers University in conjunction with the Jacques Cousteau National Estuarine Research Reserve.

Have you ever used real-time science data in your job?

REALTIME 16:241

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 123)
- 2. Yes (GO TO QUESTION 124)
- 3. No
- 4. Don't know

SKIP TO QUESTION 125

=====

124. For what purpose did you use real-time science data?

PURPOSE 17:1-240

125. Are you interested in learning more about real-time science data?

LEARNMO 17:241

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 125)
- 2. Yes
- 3. No
- 4. Don't know

126. A GIS is a computer system capable of assembling, storing, manipulating, and displaying geographically referenced information, i.e. data according to its location. GIS technology can be used for scientific investigations, resource management, and development planning.

Have you ever used GIS (Geographic Information Systems) in your job?

USEGIS 17:242

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 126)
- 2. Yes (GO TO QUESTION 127)
- 3. No
- 4. Don't know

SKIP TO QUESTION 128

=====

127. For what purpose did you use GIS (Geographic Information Systems)?

GISPURP 18:1-240

128. Are you interested in learning more about GIS (Geographic Information Systems)?

LEARNGIS 18:241

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 128)
- 2. Yes
- 3. No
- 4. Don't know

129. Please rate the following coastal resource professional development formats regarding their effectiveness to you professionally in learning about coastal resource issues:

First, would you say certification programs are very effective, somewhat effective, or not at all effective?
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

CERTPROG 18:242

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 129)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

130. What about conferences? (Would you say this format is very effective, somewhat effective or not at all effective to you professionally?)

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

CONF 18:243

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 130)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

131. What about continuing education courses? (Would you say this format is very effective, somewhat effective or not at all effective to you professionally?)

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

CONTED 18:244

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 131)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

132. What about distance learning programs? (Would you say this format is very effective, somewhat effective or not at all effective to you professionally?)

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

DISTPROG 18:245

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 132)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

133. What about field-based programs or field trips? (Would you say this format is very effective, somewhat effective or not at all effective to you professionally?)

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

FIELDPRG 18:246

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 133)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

134. What about informal training (meetings, etc.)? (Would you say this format is very effective, somewhat effective or not at all effective to you professionally?)

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

INFORMAL 18:247

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 134)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

135. What about information products and technical resource?
(Would you say this format is very effective, somewhat effective or not at all effective to you professionally?)
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

INFPROD 18:248

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 135)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

136. What about in-service training (for K-12 educators)?
(Would you say this format is very effective, somewhat effective or not at all effective to you professionally?)
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

INSERV 18:249

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 136)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

137. What about pre-service training (for K-12 educators)?
(Would you say this format is very effective, somewhat effective or not at all effective to you professionally?)
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

PRESERV 18:250

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 137)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

138. What about laboratory courses? (Would you say this format is very effective, somewhat effective or not at all effective to you professionally?)
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

LAB 19:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 138)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

139. What about seminars? (Would you say this format is very effective, somewhat effective or not at all effective to you professionally?)
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

SEMINARS 19:2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 139)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

140. What about Web-based programs? (Would you say this format is very effective, somewhat effective or not at all effective to you professionally?)
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

WEBPROG 19:3

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 140)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

141. What about workshops? (Would you say this format is very effective, somewhat effective or not at all effective to you professionally?)
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

WORKSHOP 19:4

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 141)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

142. How effective do you feel that the following learning techniques are for you?

First, what about accelerated learning techniques?
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

ACCEL 19:5

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 142)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

143. What about case studies? (Would you say this technique is very effective, somewhat effective or not at all effective to you professionally?)
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

CASESTUD 19:6

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 143)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

144. What about demonstrations? (Would you say this technique is very effective, somewhat effective or not at all effective to you professionally?)

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

DEMOS 19:7

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 144)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

145. What about lectures? (Would you say this technique is very effective, somewhat effective or not at all effective to you professionally?)

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

LECTURE 19:8

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 145)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

146. What about one-on-one instruction? (Would you say this technique is very effective, somewhat effective or not at all effective to you professionally?)

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

ONEONONE 19:9

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 146)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

147. What about presentations? (Would you say this technique is very effective, somewhat effective or not at all effective to you professionally?)

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

PRESENT 19:10

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 147)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

148. What about round-table discussions? (Would you say this technique is very effective, somewhat effective or not at all effective to you professionally?)

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

RNDTABLE 19:11

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 148)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

149. What about role-playing? (Would you say this technique is very effective, somewhat effective or not at all effective to you professionally?)

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

ROLEPLAY 19:12

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 149)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

150. What about hands-on activities? (Would you say this technique is very effective, somewhat effective or not at all effective to you professionally?)
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

HANDSON 19:13

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 150)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

151. Are there any other learning techniques you would like to mention?

OTHTECH1 19:14

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 151)
- 2. Yes (GO TO QUESTION 152)
- 3. No

SKIP TO QUESTION 157

=====

152. ENTER OTHER TYPE OF LEARNING TECHNIQUE.

LSTTECH1 20:1-240

153. How effective do you feel #152 is for you?
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

RATTECH1 20:241

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 153)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

154. Are there any other learning techniques you would like to mention?

OTHTECH2 20:242

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 154)
- 2. Yes (GO TO QUESTION 155)
- 3. No

SKIP TO QUESTION 157

=====

155. ENTER OTHER TYPE OF LEARNING TECHNIQUE.

LSTTECH2 21:1-240

156. How effective do you feel #155 is for you?

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

RATTECH2 21:241

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 156)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

157. Please rate the following incentives as a means to encourage you to attend a training or education/outreach session on coastal resource management issues. Please rate each incentive as high, medium, or low.

First, what about food?

(READ SCALE AS NECESSARY)

RATEFOOD 21:242

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 157)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

158. What about a t-shirt? (Would this be a high, medium, or low incentive to attend a training or education/outreach session?) (READ SCALE AS NECESSARY)

TSHIRT 21:243

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 158)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

159. What about certification? (Would this be a high, medium, or low incentive to attend a training or education/outreach session?) (READ SCALE AS NECESSARY)

CERTIFY 21:244

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 159)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

160. What about take-home or follow-up materials? (Would this be a high, medium, or low incentive to attend a training or education/outreach session?) (READ SCALE AS NECESSARY)

TAKEHOME 21:245

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 160)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

161. What about travel costs covered? (Would this be a high, medium, or low incentive to attend a training or education/outreach session?) (READ SCALE AS NECESSARY)

TRVLCOST 21:246

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 161)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

162. What about free lodging? (Would this be a high, medium, or low incentive to attend a training or education/outreach session?) (READ SCALE AS NECESSARY)

FREESTAY 21:247

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 162)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

163. What about transportation provided? (Would this be a high, medium, or low incentive to attend a training or education/outreach session?) (READ SCALE AS NECESSARY)

FREECAR 21:248

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 163)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

164. What about free training? (Would this be a high, medium, or low incentive to attend a training or education/outreach session?) (READ SCALE AS NECESSARY)

FREETRN 21:249

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 164)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

165. What about field demonstrations? (Would this be a high, medium, or low incentive to attend a training or education/outreach session?) (READ SCALE AS NECESSARY)

FLDDEMO 21:250

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 165)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

166. What about time off? (Would this be a high, medium, or low incentive to attend a training or education/outreach session?) (READ SCALE AS NECESSARY)

TIMEOFF 22:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 166)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

167. What about field guides/identification manuals? (Would this be a high, medium, or low incentive to attend a training or education/outreach session?)
(READ SCALE AS NECESSARY)

FLDGUIDE 22:2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 167)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

168. What about continuing education credits? (Would this be a high, medium, or low incentive to attend a training or education/outreach session?) (READ SCALE AS NECESSARY)

CECS 22:3

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 168)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

169. What about commendation/recognition? (Would this be a high, medium, or low incentive to attend a training or education/outreach session?)
(READ SCALE AS NECESSARY)

RECOG 22:4

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 169)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

170. What about special patch designating training completion?
(Would this be a high, medium, or low incentive to attend
a training or education/outreach session?)
(READ SCALE AS NECESSARY)

PATCH 22:5

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 170)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

171. What about expert speakers? (Would this be a high, medium,
or low incentive to attend a training or education/outreach
session?) (READ SCALE AS NECESSARY)

SPEAKERS 22:6

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 171)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

172. What about easy access to workshop? (Would this be a high,
medium, or low incentive to attend a training or
education/outreach session?) (READ SCALE AS NECESSARY)

ACCESS 22:7

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 172)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

173. Are there any other incentives you would like to mention?

NCNTIV1 22:8

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 173)
- 2. Yes (GO TO QUESTION 174)
- 3. No

IF (#14 < 4) GO TO #182

IF (#14 > 3) GO TO #187

174. ENTER OTHER TYPE OF INCENTIVE.

NCNTV1 22:9-248

175. Would you rate #174 as a high, medium, or low incentive?
(READ SCALE AS NECESSARY)

RTNCNTV1 22:249

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 175)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

176. Are there any other incentives you would like to mention?

NCNTIV2 22:250

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 176)
- 2. Yes (GO TO QUESTION 177)
- 3. No

IF (#14 < 4) GO TO #182

IF (#14 > 3) GO TO #187

177. ENTER OTHER TYPE OF INCENTIVE.

NCNTV2 23:1-240

178. Would you rate #177 as a
high, medium, or low incentive?
(READ SCALE AS NECESSARY)

RTNCNTV2 23:241

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 178)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

179. Are there any other incentives you
would like to mention?

NCNTIV3 23:242

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 179)
- 2. Yes (GO TO QUESTION 180)
- 3. No

IF (#14 < 4) GO TO #182

IF (#14 > 3) GO TO #187

180. ENTER OTHER TYPE OF INCENTIVE.

NCNTV3 24:1-240

181. Would you rate #180 as a high, medium, or low incentive?
(READ SCALE AS NECESSARY)

RTNCNTV3 24:241

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 181)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

IF (#14 < 4) GO TO #182
IF (#14 > 3) GO TO #187

182. Which season is the best time of year for you to attend coastal resource professional development?
(READ SCALE AS NECESSARY)

DEVSEAS 24:242

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 182)
- 2. Spring
- 3. Summer
- 4. Fall
- 5. Winter
- 6. Any season
- 7. Don't know

183. Which days are the best time of week for you to attend coastal resource professional development?
(READ SCALE AS NECESSARY)

DEVDDAYS 24:243

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 183)
- 2. Weekdays
- 3. Weekends
- 4. Any day
- 5. Don't know

184. Which times are the best times of day for you to attend coastal resource professional development?
(READ SCALE AS NECESSARY)

DEVTIME 24:244

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 184)
- 2. Morning
- 3. Afternoon
- 4. Evening
- 5. Any time of day
- 6. Don't know

185. Which of the following session lengths do you prefer for coastal resource professional development?
(READ SCALE AS NECESSARY)

LENGTH 24:245

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 185)
- 2. One-hour program
- 3. Half day session
- 4. Day long session
- 5. 2+ day session
- 6. Self directed study with no time commitment
- 7. Any length of time
- 8. Don't know

SKIP TO QUESTION 187

=====

186. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC6

PRESS ENTER TO TRY AGAIN

187. How would you prefer to be notified/made aware of coastal resource professional development programs?
(DNR LIST; CHECK ALL THAT APPLY)

AWARE 25:1-15

(CHECK ALL THAT APPLY)

- 1. Direct mail
- 2. Word of mouth
- 3. Telephone notification
- 4. Public service announcements
- 5. Press releases
- 6. Newspaper articles/advertisements
- 7. Radio
- 8. Television
- 9. Posters/bulletin board fliers
- 10. Web site/Internet
- 11. Email
- 12. Organizational newsletters
- 13. Don't know
- 14. Not interested in being notified/made aware
- 15. Other

IF (#187 = 0) GO TO #186
IF (#187 @ 15) GO TO #188

SKIP TO QUESTION 189

=====

188. ENTER OTHER INFORMATION SOURCE(S).

AWAREST 26:1-240

189. Now please tell me how effective you think the following methods are as a way for you and your organization to receive information about coastal resource issues.

First, what about national databases? Would you say they are very effective, somewhat effective, or not at all effective? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

NATDBASE 26:241

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 189)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

190. What about regional databases? (Is this very effective, somewhat effective, or not at all effective as a way to receive information?)

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

REGDBASE 26:242

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 190)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

191. What about electronic data, information directories, and clearinghouses? (Is this very effective, somewhat effective, or not at all effective as a way to receive information?)

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

EDATA 26:243

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 191)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

192. What about sources and methods of data sharing, such as national standards, protocols, and methods for data sharing and transmittal? (Is this very effective, somewhat effective, or not at all effective as a way to receive information?)

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

DATASHAR 26:244

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 192)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

193. What about formal courses and curriculums? (Is this very effective, somewhat effective, or not at all effective as a way to receive information?)

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

FRMLCRS 26:245

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 193)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

194. What about expert systems development? (Is this very effective, somewhat effective, or not at all effective as a way to receive information?)

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

EXPRYSYS 26:246

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 194)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

195. What about model development? (Is this very effective, somewhat effective, or not at all effective as a way to receive information?)

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

MODELDEV 26:247

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 195)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

196. What about nationally applied methods, standards, and protocols for conducting scientific activities? (Is this very effective, somewhat effective, or not at all effective as a way to receive information?)

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

NATMTHDS 26:248

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 196)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

197. What about technical assistance in the form of face-to-face interactions? (Is this very effective, somewhat effective, or not at all effective as a way to receive information?)

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

FACEASST 26:249

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 197)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

198. What about technical assistance in the form of manuals, and similar materials for the non-specialist? (Is this very effective, somewhat effective, or not at all effective as a way to receive information?)

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

MANLASST 26:250

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 198)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

199. What about synthesis of what is known about a particular subject in the form of a general, less technical outlet? (Is this very effective, somewhat effective, or not at all effective as a way to receive information?)

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

LESSTECH 27:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 199)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

200. Synthesis of what is known about a particular subject in the form of a peer-reviewed outlet? (Is this very effective, somewhat effective, or not at all effective as a way to receive information?)

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

PEERRVIEW 27:2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 200)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

201. What about peer-reviewed scientific papers presenting new research findings? (Is this very effective, somewhat effective, or not at all effective as a way to receive information?)

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

NEWFIND 27:3

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 201)
- 2. Very effective
- 3. Somewhat effective
- 4. Not at all effective
- 5. Don't know

IF (#14 > 3) GO TO #206

SKIP TO QUESTION 203

=====

202. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC7

PRESS ENTER TO TRY AGAIN

203. How do you prefer to register for a coastal resource professional development session? (DNR LIST; CHECK ALL THAT APPLY)

REGIST 27:4-8

(CHECK ALL THAT APPLY)

- 1. On-line registration
- 2. Mail-in registration
- 3. Telephone registration
- 4. Don't know
- 5. Other

IF (#203 = 0) GO TO #202

IF (#203 @ 5) GO TO #204

SKIP TO QUESTION 206

=====

204. ENTER OTHER WAY(S) TO REGISTER.

REGISTST 27:9-248

SKIP TO QUESTION 206

=====

205. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC8

PRESS ENTER TO TRY AGAIN

206. What factors affect your ability to attend
coastal resource professional development?
(DNR LIST; CHECK ALL THAT APPLY)

FACTOR 28:1-14

(CHECK ALL THAT APPLY)

- 1. I have no constraints
- 2. Organization won't pay registration fees
- 3. Takes too long to get reimbursed by my organization
- 4. Organization won't reimburse for travel
- 5. Enforced travel restrictions
- 6. Food/lodging constraints
- 7. Transportation constraints/no way of getting there
- 8. Can't get time off
- 9. Family constraints
- 10. Training is not held in a convenient location
- 11. No time/too busy
- 12. Training not relevant to my needs
- 13. Don't know
- 14. Other

IF (#206 = 0) GO TO #205

IF (#206 @ 14) GO TO #207

SKIP TO QUESTION 208

=====

207. ENTER OTHER FACTOR(S).

FACTORST 29:1-240

208. Overall, do you agree or disagree that there is enough available coastal resource professional development for coastal resource decision makers in the state of New Jersey? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

ENUFDEV 29:241

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 208)
- 2. Strongly agree
- 3. Moderately agree
- 4. Neither agree nor disagree
- 5. Moderately disagree
- 6. Strongly disagree
- 7. Don't know

209. Overall, do you agree or disagree that there are enough coastal resource professional development providers that offer training for coastal decision makers in New Jersey? (READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

ENUFPROV 29:242

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 209)
- 2. Strongly agree
- 3. Moderately agree
- 4. Neither agree nor disagree
- 5. Moderately disagree
- 6. Strongly disagree
- 7. Don't know

210. For each of the following groups, please indicate if you think there is a high, medium, or low need for each of the following groups to receive coastal resource information and professional development in New Jersey?

First, do you think there is a high, medium, or low need for state legislators to receive coastal resource information and professional development in New Jersey?

(READ SCALE AS NECESSARY)

STATELEG 29:243

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 210)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

211. What about for city/town council members? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

TOWNCNCL 29:244

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 211)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

212. What about for boards of selectmen? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

BRDOFSEL 29:245

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 212)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

213. What about for county commissioners? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

CNTYCOMM 29:246

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 213)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

214. What about for planning commission members? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

PLANCOMM 29:247

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 214)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

215. What about for city/town managers? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

TOWNMNGR 29:248

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 215)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

216. What about for city/town planners? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

TOWNPLAN 29:249

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 216)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

217. What about for city/town engineers? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

TWNENGNR 29:250

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 217)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

218. What about for code enforcement officers? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

CODEENF 30:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 218)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

219. What about for environmental health officials? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

ENVHLTH 30:2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 219)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

220. What about for transportation officials? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

TRANSOFF 30:3

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 220)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

221. What about for conservation commissions? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

CONSCOMM 30:4

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 221)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

222. What about for land trusts? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

LANDTRST 30:5

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 222)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

223. What about for chapters of environmental organizations?
(Do you think there is a high, medium, or low need for
this group to receive coastal resource information and
professional development?) (READ SCALE AS NECESSARY)

ENVORG 30:6

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 223)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

224. What about for watershed associations? (Do you think
there is a high, medium, or low need for this group to
receive coastal resource information and professional
development?) (READ SCALE AS NECESSARY)

H2OASSC 30:7

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 224)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

225. What about for property owners associations? (Do you think
there is a high, medium, or low need for this group to
receive coastal resource information and professional
development?) (READ SCALE AS NECESSARY)

PROPASSC 30:8

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 225)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

226. What about for realty associations? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

RLTYASSC 30:9

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 226)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

227. What about for building/development associations? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

DVLPASSC 30:10

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 227)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

228. What about for commercial property owners associations? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

COMMPROP 30:11

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 228)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

229. What about for chambers of commerce? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

CHMBCOMM 30:12

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 229)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

230. What about for Rotary International? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

ROTARY 30:13

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 230)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

231. What about for tourist boards? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

TOURBRD 30:14

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 231)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

232. What about for environmental consultants? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

ENVCNSLT 30:15

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 232)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

233. What about for wetland scientists? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

WTLNDSCI 30:16

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 233)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

234. What about for environmental educators? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

ENVEDU 30:17

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 234)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

235. What about for universities? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

UNIVRSTY 30:18

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 235)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

236. What about for estuarine researchers? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

ESTRSRCH 30:19

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 236)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

237. What about coastal regulator? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

COASTREG 30:20

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 237)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

238. What about for coastal planners? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

COASTPLN 30:21

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 238)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

239. What about for marine resource agency personnel? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

MARINEAG 30:22

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 239)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

240. What about for inland fisheries & wildlife personnel? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

FANDW 30:23

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 240)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

241. What about for environmental protection agency personnel?
(Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

ENVPROT 30:24

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 241)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

242. What about for K-12 educators? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

K12EDU 30:25

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 242)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

243. What about for the general population? (Do you think there is a high, medium, or low need for this group to receive coastal resource information and professional development?) (READ SCALE AS NECESSARY)

GENPOP 30:26

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 243)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

244. That is the end of the questionnaire. Thank you very much for your time and input! I'd be glad to record any additional comments you may have at this time.
(IF ADDITIONAL COMMENTS, RECORD HERE IN FIRST PERSON; 120 CHAR)

END 30:27-146

245. OBSERVE AND RECORD RESPONDENT'S GENDER

(CHECK ONLY ONE ANSWER)

1. Invalid answer. Select another. (GO TO QUESTION 245)
 2. Male
 3. Female
 4. Don't know

246. TIME INTERVIEW WAS COMPLETED

ENDTIME 30:148-152

|_|_|_|_|_|_|_|_|_|

247. Please enter your initials.

|_|_|_|_|

248. Enter the area code and telephone number of number dialed.

TELEPHON 30:156-165

|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|

LOWEST VALUE = 1

249. SAVE OR ERASE INTERVIEW.
DO NOT ERASE A COMPLETED INTERVIEW!

FINISH 30:166

(CHECK ONLY ONE ANSWER)

1. Save answers (GO TO QUESTION 251)
 2. Erase answers
 3. Review answers (GO TO QUESTION 3)

250. ARE YOU SURE YOU WANT TO ERASE THIS INTERVIEW?
(ONLY ERASE IF CB, AM, NA or BZ)

MAKESURE 30:167

(CHECK ONLY ONE ANSWER)

1. No, do not erase the answers (GO TO QUESTION 249)
 2. Yes, erase this interview

251. Date call was made

INTV DAT 30:168-175

|_|_|_|_|_|-|_|_|_|_|-|_|_|_|_|
Year Month Day

SAVE IF (#249 = 1)

Coastal Training Needs Assessment and Market Inventory for the Jacques Cousteau Reserve 423

(This is the QPL market inventory survey instrument. The graph numbering matches this survey instrument.)

2003 NJ Coastal Training Market Analysis Survey
Copyright Responsive Management 2003

1. PRESS RETURN WHEN INTERVIEW BEGINS

START

TIMER STARTS AFTER THIS SCREEN

2. Time when interview began

TIME1 1:1-5

|_|_|_|_|_|_|_|

3. What is the name of your agency/organization?

ORGNAM 1:6-245

4. Which of the following best describes your agency/organization?
(Check only one answer.)

ORGTYP 1:246

(CHECK ONLY ONE ANSWER)

- |_| 1. Invalid answer. Select another. (GO TO QUESTION 4)
- |_| 2. Federal agency
- |_| 3. State agency
- |_| 4. Non-profit organization
- |_| 5. For profit business
- |_| 6. University/college
- |_| 7. K-12 education institution
- |_| 8. Don't know
- |_| 9. Other (please describe.) (GO TO QUESTION 5)

SKIP TO QUESTION 6

=====

5. ENTER OTHER TYPE OF AGENCY/ORGANIZATION.

ORGTYPST 2:1-240

6. Realizing that many of you work within a larger agency/organization, please indicate how you are arranged within the larger agency/organization, or does your organization not have divisions?

ARRANGED 3:1-240

7. What is your total staff size?

STAFFSIZ 3:241-245

|_|_|_|,|_|_|_| staff members

8. What is your mission statement?

MISSION 4:1-240

9. Would you classify your agency/organization as part of the "management" community, "education" community, both, neither, or do you not know? (Check only one answer.)

CLASS 4:241

(CHECK ONLY ONE ANSWER)

- |_| 1. Invalid answer. Select another. (GO TO QUESTION 9)
|_| 2. Resource management community
|_| 3. Education community
|_| 4. Both
|_| 5. Neither
|_| 6. Don't know

SKIP TO QUESTION 11

=====

10. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC1

PRESS ENTER TO TRY AGAIN

11. For the purpose of this survey, our definition of outreach/ education encompasses both formal and informal training settings, including courses, workshops, seminars, presentations, demonstrations, technology modeling, Web pages lecture series, k-college classes, field trips, tours, etc.

Does your division provide any of the following related to the coastal environment? (Check all that apply.)

TRAIN 4:242-248

(CHECK ALL THAT APPLY)

- 1. Formal training
- 2. Science-based information
- 3. Outreach (Web page, newsletters, etc.)
- 4. Educational materials
- 5. Classes, tours, or field trips
- 6. Other
- 7. No, we do not provide any type of coastal education/outreach

IF (#11 = 0) GO TO #10
IF (#11 @ 6) GO TO #12
IF (#11 @ 7) GO TO #242

SKIP TO QUESTION 13

=====

12. ENTER OTHER TYPE OF OUTREACH/EDUCATION.

TRAINST 5:1-240

13. How many different formal coastal resources outreach/ education programs does your division conduct?

NUMPROG 5:241-242

|__|__| programs

LOWEST VALUE = 0

14. What are the names of your specific coastal resources outreach/education programs? (Please list separately.) (ENTER 1ST PROGRAM)

NAME1 6:1-240

15. (ENTER 2ND PROGRAM)
(LEAVE BLANK IF ONLY OFFER ONE PROGRAM)

NAME2 7:1-240

16. (ENTER 3RD PROGRAM)
(LEAVE BLANK IF ONLY OFFER TWO PROGRAMS)

NAME3 8:1-240

17. (ENTER 4TH PROGRAM)
(LEAVE BLANK IF ONLY OFFER THREE PROGRAMS)

NAME4 9:1-240

18. (ENTER 5TH PROGRAM)
(LEAVE BLANK IF ONLY OFFER FOUR PROGRAMS)

NAME5 10:1-240

19. How many resource education/outreach program sessions did your division conduct in the past year (January 2002-January 2003)? (A session is the number of times your division conducted any type of coastal resource education/outreach event).

NUMSESS 10:241-243

|_|_|_| sessions

20. What is the average length of a typical coastal resources education/outreach session? (Check only one answer.)

LENGTH 10:244

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 20)
- 2. One hour or less
- 3. One hour to a half-day
- 4. Half-day to day-long
- 5. 2 days or more
- 6. Don't know

21. How many FTEs (full-time staff positions) do you dedicate specifically for coastal resources education/outreach?

FTEs 10:245-247

|_|_| FTEs

22. How many other FTEs (full-time staff positions) are involved in, but not specifically dedicated to, coastal resource education/outreach?

OTHFTEs 10:248-250

|_|_| FTEs

23. When delivering coastal resource education/outreach, what percentage of the total services are administered by organization staff, consultants, academics and volunteers? (Total must equal 100%; Enter "?" if you do not know.)

Organization staff?

PCTSTFF 11:1-3

|_|_|%

24. Consultants?

PCTCONS 11:4-6

|_|_|%

25. Academics?

PCTACAD 11:7-9

|_|_|%

26. Volunteers?

PCTVOLS 11:10-12

|_|_|%

27. Other(s)? (Please list in the following format: Entity; %)
PCTOTH 12:1-240

28. How many different products related to coastal resource education/outreach did your division produce in the last year (January 2002-January 2003)?

Documents?

NUMDOCS 12:241-243

|_|_|_|_|

29. Brochures?

NUMBROCH 12:244-246

|_|_|_|_|

30. Training materials?

NUMTRAIN 12:247-249

|_|_|_|_|

31. Web-based materials?

NUMWEB 13:1-3

|_|_|_|_|

32. Other(s)? (Please list in the following format: Item; #)

NUMOTH 13:4-243

33. For approximately how many people did your division provide coastal resources education/outreach in the past year (January 2002-January 2003)?

NUMPPL 13:244-248

|_|_|_|,|_|_|_|_| people

SKIP TO QUESTION 35

=====

34. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC2

PRESS ENTER TO TRY AGAIN

35. When providing coastal resource education/outreach, are the sessions generally held local to your agency/organization, local to the participants being served, or are the education/outreach sessions held in an area central to both parties?
(Check all that apply.)

WHRHLD 14:1-5

(CHECK ALL THAT APPLY)

- 1. Local to my agency/organization
- 2. Local to participants
- 3. Central to both parties
- 4. Don't know
- 5. Other

IF (#35 = 0) GO TO #34

IF (#35 @ 5) GO TO #36

SKIP TO QUESTION 37

=====

36. ENTER OTHER AREA WHERE SESSIONS ARE HELD.

WHRHLDST 14:6-245

37. What is the approximate average cost, per participant, for your division to develop and provide coastal resource education/outreach?

AVGCOST 14:246-250

\$|_|_|,|_|_|_|

38. What is the approximate average fee, per participant, to receive coastal resource education/outreach from your division?

AVGFEE 15:1-5

\$|_|_|,|_|_|_|

39. Overall, what is the approximate yearly dollar amount that is budgeted by your division specifically for coastal resource education/outreach?

BUDGET 15:6-14

\$|_|_|_|, |_|_|_|, |_|_|_|

40. What percentage of your division's overall budget does the figure in the previous question represent?

PCTBDGT 15:15-17

|_|_|_|%

41. Please estimate the distribution of sources of funding for coastal resources education/outreach in your division. (Total must equal 100%; Enter "?" if you do not know.)

Grants?

PCTGRNTS 15:18-20

|_|_|_|%

42. Participant fees?

PCTFEES 15:21-23

|_|_|_|%

43. Operational budget?

PCTOPBGT 15:24-26

|_|_|_|%

44. Sponsorship?

PCTSPNSR 15:27-29

|_|_|_|%

45. Other(s)? (Please list in the following format: Source; %)

PCTFUND 16:1-240

46. Before this survey, how familiar would you say you were with the research conducted by Rutgers University in conjunction with Jacques Cousteau National Estuarine Research Reserve on coastal resource issues?

The Institute of Marine and Coastal Sciences is located on the Cook College Campus of Rutgers University in New Brunswick, New Jersey and is engaged in research, education, and service efforts in coastal, estuarine, and open ocean environments. The Jacques Cousteau National Estuarine Research Reserve is one of 26 National Estuarine Research Reserve programs nationwide that are dedicated to education, research, and stewardship of our estuarine environments. The Jacques Cousteau National Estuarine Research Reserve is managed by the Institute of Marine Sciences, Rutgers University. (Check only one answer.)

KNOWPROG 16:241

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 46)
- 2. Very familiar
- 3. Somewhat familiar
- 4. Not at all familiar
- 5. Don't know

47. The National Estuarine Research Reserve System (NERRS) Coastal Training Program's objectives are to 1) provide the best available science-based information, tools and techniques to those individuals and groups that are making important decisions regarding resources within coastal watersheds, estuaries and nearshore waters; 2) increase networking and collaboration across sectors and disciplines related to coastal management issues in local and biogeographic areas; and 3) increase understanding of the environmental, social and economic consequences of human activity within the coastal landscape.

Before this survey, how familiar would you say you were with the goals of the NERRS Coastal Training Program?

(Check only one answer.)

NERRSGLS 16:242

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 47)
- 2. Very familiar
- 3. Somewhat familiar
- 4. Not at all familiar
- 5. Don't know

48. Overall, how well would you say the coastal resource education/outreach that your division conducts matches the objectives of the NERRS Coastal Training Program? (Check only one answer.)

MCHNERRS 16:243

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 48)
- 2. Matches exactly
- 3. Matches somewhat
- 4. Does not match at all
- 5. Don't know

49. Compared to other programs in your division, how important would you say coastal resource education/outreach is? Would you say it is very important, somewhat important, or not at all important? (Check only one answer.)

PROGIMP 16:244

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 49)
- 2. Very important
- 3. Somewhat important
- 4. Not at all important
- 5. Don't know

50. Please indicate if your division has utilized any of the following coastal resource education/outreach formats as well as how many your division has provided in the past year (January 2002-January 2003).

Certification programs?

USECERT 16:245

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 50)
- 2. Yes
- 3. No (GO TO QUESTION 52)

51. How many certification programs were provided?

NUMCERT 16:246-248

|_|_|_|_|

52. Conferences?

USECONF 16:249

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 52)
- 2. Yes
- 3. No (GO TO QUESTION 54)

53. How many conferences were provided?

NUMCONF 17:1-3

|__|__|__|

54. Continuing education classes?

USECECS 17:4

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 54)
- 2. Yes
- 3. No (GO TO QUESTION 56)

55. How many continuing education classes were provided?

NUMCECS 17:5-7

|__|__|__|

56. University courses?

USEUNIV 17:8

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 56)
- 2. Yes
- 3. No (GO TO QUESTION 58)

57. How many university courses were provided?

NUMUNIV 17:9-11

|__|__|__|

58. Distance learning programs?

USEDLPS 17:12

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 58)
- 2. Yes
- 3. No (GO TO QUESTION 60)

59. How many distance learning programs were provided?

NUMDLPS 17:13-15

|__|__|__|

60. Field-based courses?

USEFBCS 17:16

(CHECK ONLY ONE ANSWER)

- |__| 1. Invalid answer. Select another. (GO TO QUESTION 60)
- |__| 2. Yes
- |__| 3. No (GO TO QUESTION 62)

61. How many field-based courses were provided?

NUMFBCS 17:17-19

|__|__|__|

62. Informal education/outreach (meetings, etc.)?

USEMEET 17:20

(CHECK ONLY ONE ANSWER)

- |__| 1. Invalid answer. Select another. (GO TO QUESTION 62)
- |__| 2. Yes
- |__| 3. No (GO TO QUESTION 64)

63. How many informal education/outreach programs were provided?

NUMMEET 17:21-23

|__|__|__|

64. Information products and technical resources?

USEPROD 17:24

(CHECK ONLY ONE ANSWER)

- |__| 1. Invalid answer. Select another. (GO TO QUESTION 64)
- |__| 2. Yes
- |__| 3. No (GO TO QUESTION 66)

65. How many information products and technical resources were provided?

NUMPROD 17:25-27

|__|__|__|

66. In-service education/outreach for educators?

USEINSRV 17:28

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 66)
- 2. Yes
- 3. No (GO TO QUESTION 68)

67. How many in-service education/outreach programs for educators were provided?

NUMINSRV 17:29-31

|__|__|__|

68. Laboratory courses?

USELABS 17:32

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 68)
- 2. Yes
- 3. No (GO TO QUESTION 70)

69. How many laboratory courses were provided?

NUMLABS 17:33-35

|__|__|__|

70. Seminars?

USESMNRS 17:36

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 70)
- 2. Yes
- 3. No (GO TO QUESTION 72)

71. How many seminars were provided?

NUMSMNRS 17:37-39

|__|__|__|

72. Special events (excluding conferences)?

USESPEC 17:40

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 72)
- 2. Yes
- 3. No (GO TO QUESTION 74)

73. How many special events were provided?

NUMSPEC 17:41-43

|__|__|__|

74. Technical education/outreach programs?

USETECH 17:44

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 74)
- 2. Yes
- 3. No (GO TO QUESTION 76)

75. How many technical education/outreach programs were provided?

NUMTECH 17:45-47

|__|__|__|

76. Web-based programs?

USEWWW 17:48

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 76)
- 2. Yes
- 3. No (GO TO QUESTION 78)

77. How many Web-based programs were provided?

NUMWWW 17:49-51

|__|__|__|

78. Workshops?

USEWORK 17:52

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 78)
- 2. Yes
- 3. No (GO TO QUESTION 80)

79. How many workshops were provided?

NUMWORK 17:53-55

|__|__|__|

80. Other(s)? (Please list in the following format: Format; #)

OTHRMETS 18:1-240

SKIP TO QUESTION 82

=====

81. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC3

PRESS ENTER TO TRY AGAIN

82. If your division conducts informal education/outreach, please indicate the specific type of informal education/outreach your division conducts. (Check all that apply.)

INFORM 18:241-248

(CHECK ALL THAT APPLY)

- 1. NA: Does not conduct informal education/outreach
- 2. Publications (brochures, newsletters, etc.)
- 3. Field trips
- 4. Interpretive signs
- 5. Websites
- 6. Waypoint signs
- 7. Don't know
- 8. Other(s)

IF (#82 = 0) GO TO #81

IF (#82 @ 8) GO TO #83

SKIP TO QUESTION 85

=====

83. ENTER OTHER INFORMAL EDUCATION/OUTREACH TYPE.

INFORMST 19:1-240

SKIP TO QUESTION 85

=====

84. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC4

PRESS ENTER TO TRY AGAIN

85. What coastal resource education/outreach delivery methods
does your division utilize? (Check all that apply.)

METHOD 20:1-12

(CHECK ALL THAT APPLY)

- 1. Accelerated learning techniques
- 2. Case studies
- 3. Demonstration
- 4. Field trips, courses
- 5. Internet / On-line
- 6. Lab exercises
- 7. Lecture
- 8. One-on-one instruction
- 9. Presentations
- 10. Round-table discussion
- 11. Don't know
- 12. Other(s)

IF (#85 = 0) GO TO #84

IF (#85 @ 12) GO TO #86

SKIP TO QUESTION 87

=====

86. ENTER OTHER EDUCATION/OUTREACH DELIVERY METHODS.

METHODST 21:1-240

87. Which of the following topics/skills does your division offer in its coastal resource education/outreach efforts?

Biodiversity?

OFFRBIOD 21:241

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 87)
- 2. Yes
- 3. No

88. Habitat fragmentation?

OFFRFRAG 21:242

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 88)
- 2. Yes
- 3. No

89. Habitat protection and restoration?

OFFRPROT 21:243

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 89)
- 2. Yes
- 3. No

90. Buffers?

OFFRBFFR 21:244

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 90)
- 2. Yes
- 3. No

91. Wetlands and waterways protection?

OFFRWETL 21:245

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 91)
- 2. Yes
- 3. No

92. Special area management?

OFFRSPEC 21:246

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 92)
- 2. Yes
- 3. No

93. Fire management?

OFFRFIRE 21:247

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 93)
- 2. Yes
- 3. No

94. Native plants?

OFFRNATV 21:248

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 94)
- 2. Yes
- 3. No

95. Wildlife corridors?

OFFRCORR 21:249

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 95)
- 2. Yes
- 3. No

96. Urban sprawl?

OFFRSPRL 21:250

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 96)
- 2. Yes
- 3. No

97. Beach nourishment?

OFFRNRSH 22:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 97)
- 2. Yes
- 3. No

98. Boat/marina management?

OFFRMRNA 22:2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 98)
- 2. Yes
- 3. No

99. Coastal community development?

OFFRDVLP 22:3

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 99)
- 2. Yes
- 3. No

100. Coastal construction?

OFFRCNST 22:4

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 100)
- 2. Yes
- 3. No

101. Coastal erosion and accretion?

OFFREROS 22:5

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 101)
- 2. Yes
- 3. No

102. Dredging and filling?

OFFRDRDG 22:6

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 102)
- 2. Yes
- 3. No

103. Coastal hazards?

OFFRHZRD 22:7

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 103)
- 2. Yes
- 3. No

104. Coastal processes/geology?

OFFRGEOL 22:8

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 104)
- 2. Yes
- 3. No

105. Public access?

OFFRACCS 22:9

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 105)
- 2. Yes
- 3. No

106. Severe weather emergency management?

OFFRSWEM 22:10

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 106)
- 2. Yes
- 3. No

107. Ports, navigation, transportation planning?

OFFRPRTS 22:11

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 107)
- 2. Yes
- 3. No

108. Saltwater intrusion?

OFFRINTR 22:12

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 108)
- 2. Yes
- 3. No

109. Water quality?

OFFRQUAL 22:13

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 109)
- 2. Yes
- 3. No

110. Water quantity?

OFFRQUAN 22:14

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 110)
- 2. Yes
- 3. No

111. Eutrophication?

OFFREUTR 22:15

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 111)
- 2. Yes
- 3. No

112. Nonpoint source pollution?

OFFRNPNT 22:16

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 112)
- 2. Yes
- 3. No

113. Point source pollution?

OFFRPNT 22:17

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 113)
- 2. Yes
- 3. No

114. Sedimentation?

OFFRSDMN 22:18

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 114)
- 2. Yes
- 3. No

115. Septic system issues?

OFFRSPTC 22:19

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 115)
- 2. Yes
- 3. No

116. Wastewater management?

OFFRWAST 22:20

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 116)
- 2. Yes
- 3. No

117. Storm water protection and cleanup?

OFFRSTRM 22:21

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 117)
- 2. Yes
- 3. No

118. Nitrogen loading?

OFFRNITR 22:22

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 118)
- 2. Yes
- 3. No

119. Land use planning (smart growth, watershed buildup)?

OFFRPLAN 22:23

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 119)
- 2. Yes
- 3. No

120. Sustainable facilities (green design)?

OFFRSUST 22:24

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 120)
- 2. Yes
- 3. No

121. GIS education/outreach?

OFFRGIS 22:25

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 121)
- 2. Yes
- 3. No

122. Intra-agency/org. communications?

OFFRNTRA 22:26

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 122)
- 2. Yes
- 3. No

123. Inter-agency/org. communications?

OFFRNTER 22:27

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 123)
- 2. Yes
- 3. No

124. Organizational/management skills?

OFFRMGMT 22:28

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 124)
- 2. Yes
- 3. No

125. Public safety?

OFFRSFTY 22:29

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 125)
- 2. Yes
- 3. No

126. Regulations?

OFFRREGS 22:30

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 126)
- 2. Yes
- 3. No

127. Environmental education for adults?

OFFRADED 22:31

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 127)
- 2. Yes
- 3. No

128. Environmental education for K-12 students?

OFFRKDED 22:32

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 128)
- 2. Yes
- 3. No

129. Professional development for K-12 educators?

OFFREDDV 22:33

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 129)
- 2. Yes
- 3. No

130. Endangered species?

OFFRTNE 22:34

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 130)
- 2. Yes
- 3. No

131. Invasive species?

OFFRNVSV 22:35

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 131)
- 2. Yes
- 3. No

132. Agricultural issues and practices?

OFFRAGRI 22:36

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 132)
- 2. Yes
- 3. No

133. Global warming and climate?

OFFRWARM 22:37

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 133)
- 2. Yes
- 3. No

134. Ecological landscaping?

OFFRSCAP 22:38

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 134)
- 2. Yes
- 3. No

135. Erosion control?

OFFRCTRL 22:39

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 135)
- 2. Yes
- 3. No

136. Estuarine ecology?

OFFRECOL 22:40

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 136)
- 2. Yes
- 3. No

137. Aquaculture?

OFFRAQUA 22:41

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 137)
- 2. Yes
- 3. No

138. Fisheries and by-catch issues?

OFFRFISH 22:42

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 138)
- 2. Yes
- 3. No

139. Fisheries and fishery law?

OFFRFLAW 22:43

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 139)
- 2. Yes
- 3. No

140. Forestry issues?

OFFRFRST 22:44

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 140)
- 2. Yes
- 3. No

141. Environmental technologies?

OFFRTECH 22:45

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 141)
- 2. Yes
- 3. No

142. Economic aspects of land use?

OFFRECON 22:46

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 142)
- 2. Yes
- 3. No

143. Real estate issues?

OFFRREAL 22:47

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 143)
- 2. Yes
- 3. No

144. Social aspects of land use?

OFFRSOCL 22:48

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 144)
- 2. Yes
- 3. No

145. Renewable energy?

OFFRRNEW 22:49

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 145)
- 2. Yes
- 3. No

146. Land trusts and conservation acquisitions?

OFFRTRST 22:50

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 146)
- 2. Yes
- 3. No

147. Mineral, oil and natural gas extraction?

OFFRMINE 22:51

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 147)
- 2. Yes
- 3. No

148. Ocean forecasting?

OFFR4CST 22:52

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 148)
- 2. Yes
- 3. No

149. Climate prediction?

OFFRCLIM 22:53

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 149)
- 2. Yes
- 3. No

150. Biogeochemical predictors of ocean-atmosphere conditions?

OFFRCHEM 22:54

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 150)
- 2. Yes
- 3. No

151. Ocean surface optical properties?

OFFROPTC 22:55

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 151)
- 2. Yes
- 3. No

152. Other(s)?

OFFOTH 22:56

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 153)
- 2. Yes (GO TO QUESTION 153)
- 3. No

SKIP TO QUESTION 154

=====

153. ENTER OTHER TOPIC(S)/SKILL(S) OFFERED.
(SEPARATE ITEMS BY A ;)

OFFOTHST 23:1-240

154. The following are several subjects related to coastal resource management. Please indicate if you professionally have a high, medium, or low need for coastal resource training or information on the following topics.

Do you think there is a high, medium, or low need for coastal education/outreach for coastal resource decision makers in New Jersey for biodiversity?
(READ SCALE AS NECESSARY)

BIODIV 23:241

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 154)
- 2. High
- 3. Medium
- 4. Low

155. What about habitat fragmentation?
(READ SCALE AS NECESSARY)

HABFRAG 23:242

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 155)
- 2. High
- 3. Medium
- 4. Low

156. What about habitat protection and restoration?

(READ SCALE AS NECESSARY)

HABPROT 23:243

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 156)
- 2. High
- 3. Medium
- 4. Low

157. What about buffers?

(READ SCALE AS NECESSARY)

BUFFERS 23:244

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 157)
- 2. High
- 3. Medium
- 4. Low

158. What about wetlands and waterways protection?

(READ SCALE AS NECESSARY)

WETPROT 23:245

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 158)
- 2. High
- 3. Medium
- 4. Low

159. What about special area management?

(READ SCALE AS NECESSARY)

SPECMGMT 23:246

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 159)
- 2. High
- 3. Medium
- 4. Low

160. What about fire management? (READ SCALE AS NECESSARY)

FIREMGMT 23:247

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 160)
- 2. High
- 3. Medium
- 4. Low

161. What about native plants? (READ SCALE AS NECESSARY)

NATIVE 23:248

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 161)
- 2. High
- 3. Medium
- 4. Low

162. What about wildlife corridors?

(READ SCALE AS NECESSARY)

WILDCORR 23:249

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 162)
- 2. High
- 3. Medium
- 4. Low

163. What about urban sprawl?

(READ SCALE AS NECESSARY)

URBNSPRL 23:250

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 163)
- 2. High
- 3. Medium
- 4. Low

164. What about beach nourishment?

(READ SCALE AS NECESSARY)

BCHNRSH 24:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 164)
- 2. High
- 3. Medium
- 4. Low

165. What about boat/marina management?

(READ SCALE AS NECESSARY)

BOATMGMT 24:2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 165)
- 2. High
- 3. Medium
- 4. Low

166. What about coastal community development?

(READ SCALE AS NECESSARY)

COMMDEV 24:3

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 166)
- 2. High
- 3. Medium
- 4. Low

167. What about coastal construction?

(READ SCALE AS NECESSARY)

COASTCNS 24:4

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 167)
- 2. High
- 3. Medium
- 4. Low

168. What about coastal erosion?

(READ SCALE AS NECESSARY)

COSTERSN 24:5

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 168)
- 2. High
- 3. Medium
- 4. Low

169. What about dredging and filling?

(READ SCALE AS NECESSARY)

DREDGING 24:6

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 169)
- 2. High
- 3. Medium
- 4. Low

170. What about coastal hazards?

(READ SCALE AS NECESSARY)

HAZARDS 24:7

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 170)
- 2. High
- 3. Medium
- 4. Low

171. What about coastal processes/geology?

(READ SCALE AS NECESSARY)

GEOLOGY 24:8

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 171)
- 2. High
- 3. Medium
- 4. Low

172. What about public access? (READ SCALE AS NECESSARY)

PUBACC 24:9

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 172)
- 2. High
- 3. Medium
- 4. Low

173. What about severe weather emergency management?

(READ SCALE AS NECESSARY)

WEATHER 24:10

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 173)
- 2. High
- 3. Medium
- 4. Low

174. What about ports, navigation, transportation planning?

(READ SCALE AS NECESSARY)

PORTS 24:11

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 174)
- 2. High
- 3. Medium
- 4. Low

175. What about saltwater intrusion? (READ SCALE AS NECESSARY)

SALTINTR 24:12

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 175)
- 2. High
- 3. Medium
- 4. Low

176. What about water quality? (READ SCALE AS NECESSARY)

QUALH2O 24:13

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 176)
- 2. High
- 3. Medium
- 4. Low

177. What about water quantity?

(READ SCALE AS NECESSARY)

H2OQUANT 24:14

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 177)
- 2. High
- 3. Medium
- 4. Low

178. What about eutrophication? (READ SCALE AS NECESSARY)

EUTROPH 24:15

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 178)
- 2. High
- 3. Medium
- 4. Low

179. What about nonpoint source pollution?

(READ SCALE AS NECESSARY)

NONPOINT 24:16

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 179)
- 2. High
- 3. Medium
- 4. Low

180. What about point source pollution?

(READ SCALE AS NECESSARY)

POINT 24:17

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 180)
- 2. High
- 3. Medium
- 4. Low

181. What about sedimentation? (READ SCALE AS NECESSARY)

SEDIMENT 24:18

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 181)
- 2. High
- 3. Medium
- 4. Low

182. What about septic system issues? (READ SCALE AS NECESSARY)

SEPTIC 24:19

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 182)
- 2. High
- 3. Medium
- 4. Low

183. What about wastewater management? (READ SCALE AS NECESSARY)

WASTE20 24:20

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 183)
- 2. High
- 3. Medium
- 4. Low

184. What about storm water protection and cleanup?

(READ SCALE AS NECESSARY)

STORMH2O 24:21

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 184)
- 2. High
- 3. Medium
- 4. Low

185. What about nitrogen loading?

(READ SCALE AS NECESSARY)

NLOAD 24:22

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 185)
- 2. High
- 3. Medium
- 4. Low

186. What about land use planning (smart growth, watershed buildup)?

(READ SCALE AS NECESSARY)

LANDUSE 24:23

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 186)
- 2. High
- 3. Medium
- 4. Low

187. What about sustainable facilities (green design)?

(READ SCALE AS NECESSARY)

SUSTAIN 24:24

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 187)
- 2. High
- 3. Medium
- 4. Low

188. What about GIS (geographic information systems)?
(READ SCALE AS NECESSARY)

GIS 24:25

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 188)
- 2. High
- 3. Medium
- 4. Low

189. What about intra-agency/organization communications?
(READ SCALE AS NECESSARY)

INTRACOM 24:26

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 189)
- 2. High
- 3. Medium
- 4. Low

190. What about inter-agency/organization communications?
(READ SCALE AS NECESSARY)

INTERCOM 24:27

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 190)
- 2. High
- 3. Medium
- 4. Low

191. What about organizational/management skills?
(READ SCALE AS NECESSARY)

MGMTSKLL 24:28

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 191)
- 2. High
- 3. Medium
- 4. Low

192. What about public safety?
(READ SCALE AS NECESSARY)

PUBSAFE 24:29

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 192)
- 2. High
- 3. Medium
- 4. Low

193. What about regulations?
(READ SCALE AS NECESSARY)

REGS 24:30

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 193)
- 2. High
- 3. Medium
- 4. Low

194. What about environmental education for adults?
(READ SCALE AS NECESSARY)

ADENVED 24:31

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 194)
- 2. High
- 3. Medium
- 4. Low

195. What about environmental education for K-12 students?
(READ SCALE AS NECESSARY)

KIDENVED 24:32

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 195)
- 2. High
- 3. Medium
- 4. Low

196. What about professional development for K-12 educators?

(READ SCALE AS NECESSARY)

PRODEV 24:33

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 196)
- 2. High
- 3. Medium
- 4. Low

197. What about endangered species?

(READ SCALE AS NECESSARY)

ENDSPC 24:34

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 197)
- 2. High
- 3. Medium
- 4. Low

198. What about invasive species? (READ SCALE AS NECESSARY)

INVSVSPC 24:35

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 198)
- 2. High
- 3. Medium
- 4. Low

199. What about agricultural issues and practices?

(READ SCALE AS NECESSARY)

AGPRACT 24:36

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 199)
- 2. High
- 3. Medium
- 4. Low

200. What about global warming and climate?

(READ SCALE AS NECESSARY)

WARMING 24:37

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 200)
- 2. High
- 3. Medium
- 4. Low

201. What about ecological landscaping?

(READ SCALE AS NECESSARY)

ECOLAND 24:38

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 201)
- 2. High
- 3. Medium
- 4. Low

202. What about erosion control?

(READ SCALE AS NECESSARY)

EROSION 24:39

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 202)
- 2. High
- 3. Medium
- 4. Low

203. What about estuarine ecology?

(READ SCALE AS NECESSARY)

ESTECOL 24:40

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 203)
- 2. High
- 3. Medium
- 4. Low

204. What about aquaculture?
(READ SCALE AS NECESSARY)

AQUACULT 24:41

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 204)
- 2. High
- 3. Medium
- 4. Low

205. What about fisheries and by-catch issues?
(READ SCALE AS NECESSARY)

BYCATCH 24:42

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 205)
- 2. High
- 3. Medium
- 4. Low

206. What about fisheries and fishery law?
(READ SCALE AS NECESSARY)

FISHLAWS 24:43

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 206)
- 2. High
- 3. Medium
- 4. Low

207. What about forestry issues? (READ SCALE AS NECESSARY)

FOREST 24:44

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 207)
- 2. High
- 3. Medium
- 4. Low

208. What about environmental technologies?

(READ SCALE AS NECESSARY)

ENVTECH 24:45

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 208)
- 2. High
- 3. Medium
- 4. Low

209. What about economic aspects of land use?

(READ SCALE AS NECESSARY)

LANDECON 24:46

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 209)
- 2. High
- 3. Medium
- 4. Low

210. What about real estate issues?

(READ SCALE AS NECESSARY)

REALEST 24:47

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 210)
- 2. High
- 3. Medium
- 4. Low

211. What about social aspects of land use?

(READ SCALE AS NECESSARY)

LANDSOC 24:48

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 211)
- 2. High
- 3. Medium
- 4. Low

212. What about renewable energy? (READ SCALE AS NECESSARY)

RENEWENG 24:49

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 212)
- 2. High
- 3. Medium
- 4. Low

213. What about land trusts and conservation acquisitions?

(READ SCALE AS NECESSARY)

LANDAQ 24:50

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 213)
- 2. High
- 3. Medium
- 4. Low

214. What about mineral, oil and natural gas extraction?

(READ SCALE AS NECESSARY)

EXTRACT 24:51

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 214)
- 2. High
- 3. Medium
- 4. Low

215. What about ocean forecasting? (READ SCALE AS NECESSARY)

FORECAST 24:52

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 215)
- 2. High
- 3. Medium
- 4. Low

216. What about climate prediction? (READ SCALE AS NECESSARY)

PREDICT 24:53

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 216)
- 2. High
- 3. Medium
- 4. Low

217. What about biogeochemical predictors of ocean-atmosphere conditions? (READ SCALE AS NECESSARY)

BIOCHEM 24:54

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 217)
- 2. High
- 3. Medium
- 4. Low

218. What about ocean surface optical properties?

(READ SCALE AS NECESSARY)

OPTCPROP 24:55

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 218)
- 2. High
- 3. Medium
- 4. Low

219. Other(s)? (Please list in the following format: Item; Rating)

OTHNEED 25:1-240

220. Does your division have an evaluation component as part of its coastal resource education/outreach services?

EVALUATE 25:241

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 220)
- 2. Yes (GO TO QUESTION 221)
- 3. No
- 4. Don't know

SKIP TO QUESTION 223

=====

221. How often are your coastal resource outreach/education services evaluated?

OFTEVAL 25:242

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 221)
- 2. More than twice per year
- 3. Twice per year
- 4. Once per year
- 5. Every other year
- 6. Every three years
- 7. Every four years
- 8. Every five years
- 9. Less than every five years

SKIP TO QUESTION 223

=====

222. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC5

PRESS ENTER TO TRY AGAIN

223. Specifically, which of the following best describes the positions of the people that utilize your organization's coastal resources education/outreach?
(Check all that apply.)

Local county managers / officials

USER1 26:1-11

(CHECK ALL THAT APPLY)

- 1. None of these
- 2. City/town council members
- 3. County commissioners
- 4. Planning commission members
- 5. City/town managers
- 6. City/town planners
- 7. City/town engineers
- 8. Code enforcement officers
- 9. Environmental health officials
- 10. Transportation officials
- 11. Other (Please describe.)

IF (#223 = 0) GO TO #222
IF (#223 @ 11) GO TO #224

SKIP TO QUESTION 226

=====

224. ENTER OTHER PERSON THAT UTILIZES EDUCATION/OUTREACH.

USER1ST 27:1-240

SKIP TO QUESTION 226

=====

225. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC6

PRESS ENTER TO TRY AGAIN

226. Volunteer organization members

USER2 27:241-247

(CHECK ALL THAT APPLY)

- 1. None of these
- 2. Conservation commissions
- 3. Land trusts
- 4. Chapters of environmental organizations
- 5. Watershed associations
- 6. Property owners associations
- 7. Other (Please describe.)

IF (#226 = 0) GO TO #225

IF (#226 @ 7) GO TO #227

SKIP TO QUESTION 229

=====

227. ENTER OTHER PERSON THAT UTILIZES EDUCATION/OUTREACH.

USER2ST 28:1-240

SKIP TO QUESTION 229

=====

228. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC7

PRESS ENTER TO TRY AGAIN

229. Business organizations

USER3 28:241-249

(CHECK ALL THAT APPLY)

- 1. None of these
- 2. Realty associations
- 3. Building/development associations
- 4. Commercial property owners associations
- 5. Chambers of commerce
- 6. Rotary International
- 7. Tourist boards
- 8. Environmental consultants
- 9. Other (Please describe.)

IF (#229 = 0) GO TO #228

IF (#229 @ 9) GO TO #230

SKIP TO QUESTION 232

=====

230. ENTER OTHER PERSON THAT UTILIZES EDUCATION/OUTREACH.

USER3ST 29:1-240

SKIP TO QUESTION 232

=====

231. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC8

PRESS ENTER TO TRY AGAIN

232. State / Agency / Professional Associations / Educators

USER4 30:1-13

(CHECK ALL THAT APPLY)

- 1. None of these
- 2. Wetland scientists
- 3. Environmental educators
- 4. Universities
- 5. Estuarine researchers
- 6. Coastal regulators
- 7. Coastal planners
- 8. Marine resources agency personnel
- 9. Fisheries and wildlife personnel
- 10. Environmental protection agency personnel
- 11. K-12 educators
- 12. Other (Please describe.)
- 13. General Population

IF (#232 = 0) GO TO #231

IF (#232 @ 12) GO TO #233

SKIP TO QUESTION 235

=====

233. ENTER OTHER PERSON THAT UTILIZES EDUCATION/OUTREACH.

USER4ST 31:1-240

SKIP TO QUESTION 235

=====

234. YOU DID NOT USE

YOUR SPACE BAR

NOSPAC9

PRESS ENTER TO TRY AGAIN

235. Which of the following promotional tools does your organization use to advertise your education/outreach services? (Check all that apply.)

AWARE 32:1-16

(CHECK ALL THAT APPLY)

- 1. Direct mail
- 2. Word-of-mouth
- 3. Telephone notification
- 4. Public service announcements
- 5. Press releases
- 6. Newspaper articles/advertisements
- 7. Radio
- 8. Television
- 9. Posters / Bulletin board fliers
- 10. Web site / Internet
- 11. Email
- 12. Co-sponsorships / Partnerships
- 13. Organizational newsletters
- 14. Don't know
- 15. Other (Please list.)
- 16. None of these

IF (#235 = 0) GO TO #234

IF (#235 @ 15) GO TO #236

SKIP TO QUESTION 239

=====

236. ENTER OTHER PROMOTIONAL TOOL.

AWAREST 33:1-240

SKIP TO QUESTION 239

=====

237. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC10

PRESS ENTER TO TRY AGAIN

SKIP TO QUESTION 239

=====

238. PLEASE DO NOT CHECK THE SECOND LINE
OF A TWO-LINE ANSWER SET

LINE2

PRESS ENTER TO CONTINUE

239. Which of the following methods for information dissemination
(regarding coastal resource issues) does your division utilize?
(Check all that apply.)

GVINF1 34:1-11

(CHECK ALL THAT APPLY)

- 1. National databases
- 2. Regional databases
- 3. Electronic data, information directories and clearinghouses
- 4. Sources and methods of data sharing, such as national standards,
- 5. protocols, and methods for data sharing and transmittal (GO TO QUESTION 238)
- 6. Formal courses and curriculums
- 7. Expert systems development
- 8. Model development
- 9. Nationally applied methods, standards and protocols for
- 10. conducting scientific activities (GO TO QUESTION 238)
- 11. Technical assistance in the form of face-to-face interactions

240. CONTINUED FROM PREVIOUS LIST

GVINF2 34:12-21

(CHECK ALL THAT APPLY)

- 1. Technical assistance in the form of manuals and similar
- 2. materials for the non-specialist (GO TO QUESTION 238)
- 3. Synthesis of what is known about a particular subject in the
- 4. form of a general, less technical outlet (GO TO QUESTION 238)
- 5. Synthesis of what is known about a particular subject in the
- 6. form of a peer-reviewed outlet (GO TO QUESTION 238)
- 7. Peer-reviewed scientific papers presenting new research findings
- 8. Partnerships
- 9. None of these
- 10. Don't know

IF (#239 = 0 AND #240 = 0) GO TO #237

241. Does your division partner with other organizations to conduct coastal resources education/outreach?

PARTNER 34:22

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 241)
- 2. Yes (GO TO QUESTION 243)
- 3. No
- 4. Don't know

242. How interested are you in your division partnering with other organizations to provide coastal resource education/outreach?

INTPART 34:23

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 242)
- 2. Very interested (GO TO QUESTION 249)
- 3. Somewhat interested (GO TO QUESTION 249)
- 4. Not at all interested
- 5. Don't know

SKIP TO QUESTION 255

=====

243. Please list the names of the organizations with which your division partners most, and the coastal resource program(s) on which you partner with them? (ENTER 1ST PARTNER)
(PLEASE ENTER IN THE FORMAT: PARTNER; PROGRAM)

NAMEPRT1 35:1-240

244. ENTER 2ND PARTNER
(PLEASE ENTER IN THE FORMAT: PARTNER; PROGRAM)
(LEAVE BLANK IF NOT APPLICABLE)

NAMEPRT2 36:1-240

245. ENTER 3RD PARTNER
(PLEASE ENTER IN THE FORMAT: PARTNER; PROGRAM)
(LEAVE BLANK IF NOT APPLICABLE)

NAMEPRT3 37:1-240

246. ENTER 4TH PARTNER
(PLEASE ENTER IN THE FORMAT: PARTNER; PROGRAM)
(LEAVE BLANK IF NOT APPLICABLE)

NAMEPRT4 38:1-240

247. ENTER 5TH PARTNER
(PLEASE ENTER IN THE FORMAT: PARTNER; PROGRAM)
(LEAVE BLANK IF NOT APPLICABLE)

NAMEPRT5 39:1-240

SKIP TO QUESTION 249

=====

248. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC11

PRESS ENTER TO TRY AGAIN

249. Which of the following does your division need for an effective partnership with other organizations to provide coastal resource education/outreach? (Read list; Check all that apply.)

PARTND 39:241-248

(CHECK ALL THAT APPLY)

- 1. Marketing/promotion assistance
- 2. Facilities and logistics
- 3. Funding agent
- 4. Provide presenter / trainer
- 5. Provide content expertise / technical assistance
- 6. Program evaluation
- 7. Don't know
- 8. Other

IF (#249 = 0) GO TO #248

IF (#249 @ 8) GO TO #250

SKIP TO QUESTION 252

=====

250. ENTER OTHER NEED FOR AN EFFECTIVE PARTNERSHIP.

PARTNDST 40:1-240

SKIP TO QUESTION 252

=====

251. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC12

PRESS ENTER TO TRY AGAIN

252. What do you feel your division could bring to a partnership with other organizations to provide coastal resources education/outreach? (Check all that apply.)

BRING 40:241-248

(CHECK ALL THAT APPLY)

- 1. Marketing/promotion assistance
- 2. Facilities and logistics
- 3. Funding agent
- 4. Provide presenter / trainer
- 5. Provide content expertise / technical assistance
- 6. Program evaluation
- 7. Don't know
- 8. Other

IF (#252 = 0) GO TO #251

IF (#252 @ 8) GO TO #253

SKIP TO QUESTION 255

=====

253. ENTER OTHER VALUE THAT COULD BE BROUGHT TO A PARTNERSHIP.

BRINGST 41:1-240

SKIP TO QUESTION 255

=====

254. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC13

PRESS ENTER TO TRY AGAIN

255. What are the barriers, if any, that your division faces regarding coastal resources education/outreach?
(Check all that apply.)

FACTOR 41:241-248

(CHECK ALL THAT APPLY)

- 1. Time
- 2. Funding
- 3. Distance
- 4. Lack of partnerships
- 5. Lack of personnel in general
- 6. Lack of education/outreach for personnel
- 7. Don't know
- 8. Other

IF (#255 = 0) GO TO #254

IF (#255 @ 8) GO TO #256

SKIP TO QUESTION 257

=====

256. ENTER OTHER BARRIER(S) REGARDING COASTAL RESOURCES EDUCATION/OUTREACH

FACTORST 42:1-240

257. For each of these groups, please indicate if you think there is a high, medium, or low need for the following groups to receive coastal resource education/outreach in New Jersey?

What about for city/town council members? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)

(READ SCALE AS NECESSARY)

TOWNCNCL 42:241

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 257)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

258. What about for county commissioners? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

CNTYCOMM 42:242

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 258)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

259. What about for planning commission members? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

PLANCOMM 42:243

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 259)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

260. What about for city/town managers? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

TOWNMNGR 42:244

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 260)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

261. What about for city/town planners? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

TOWNPLAN 42:245

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 261)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

262. What about for city/town engineers? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

TWNENGNR 42:246

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 262)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

263. What about for code enforcement officers? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

CODEENF 42:247

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 263)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

264. What about for environmental health officials? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

ENVHLTH 42:248

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 264)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

265. What about for transportation officials? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

TRANSOFF 42:249

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 265)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

266. What about for conservation commissions? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

CONSCOMM 42:250

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 266)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

267. What about for land trusts? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

LANDTRST 43:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 267)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

268. What about for chapters of environmental organizations? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

ENVORG 43:2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 268)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

269. What about for watershed associations? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

H2OASSC 43:3

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 269)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

270. What about for property owners associations? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

PROPASSC 43:4

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 270)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

271. What about for realty associations? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

RLTYASSC 43:5

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 271)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

272. What about for building/development associations? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

DVLPASSC 43:6

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 272)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

273. What about for commercial property owners associations?
(Do you think there is a high, medium, or low need for
this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

COMMPROP 43:7

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 273)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

274. What about for chambers of commerce? (Do you think
there is a high, medium, or low need for this group to
receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

CHMBCOMM 43:8

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 274)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

275. What about for Rotary International? (Do you think
there is a high, medium, or low need for this group to
receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

ROTARY 43:9

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 275)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

276. What about for tourist boards? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

TOURBRD 43:10

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 276)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

277. What about for environmental consultants? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

ENVCNSLT 43:11

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 277)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

278. What about for wetland scientists? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

WTLNDSCI 43:12

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 278)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

279. What about for environmental educators? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

ENVEDU 43:13

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 279)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

280. What about for universities? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

UNIVRSTY 43:14

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 280)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

281. What about for estuarine researchers? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

ESTRSRCH 43:15

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 281)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

282. What about coastal regulator? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

COASTREG 43:16

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 282)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

283. What about for coastal planners? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

COASTPLN 43:17

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 283)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

284. What about for marine resource agency personnel? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

MARINEAG 43:18

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 284)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

285. What about for inland fisheries & wildlife personnel?
(Do you think there is a high, medium, or low need for
this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

FANDW 43:19

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 285)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

286. What about for environmental protection agency personnel?
(Do you think there is a high, medium, or low need for this
group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

ENVPROT 43:20

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 286)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

287. What about for K-12 educators? (Do you think there is
a high, medium, or low need for this group to receive
coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

K12EDU 43:21

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 287)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

288. What about for the general population? (Do you think there is a high, medium, or low need for this group to receive coastal resource education/outreach?)
(READ SCALE AS NECESSARY)

GENPOP 43:22

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 288)
- 2. High
- 3. Medium
- 4. Low
- 5. Don't know

289. Overall, do you agree or disagree that there is enough coastal resource education/outreach in the state of New Jersey?
(Check only one answer.)

ENUFDEV 43:23

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 289)
- 2. Strongly agree
- 3. Moderately agree
- 4. Neither agree nor disagree
- 5. Moderately disagree
- 6. Strongly disagree
- 7. Don't know

290. Overall, do you agree or disagree that there are enough coastal resource education/outreach providers that offer education/outreach for coastal decision-makers in New Jersey? (Check only one answer.)

ENUFPROV 43:24

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 290)
- 2. Strongly agree
- 3. Moderately agree
- 4. Neither agree nor disagree
- 5. Moderately disagree
- 6. Strongly disagree
- 7. Don't know

297. ARE YOU SURE YOU WANT TO ERASE THIS INTERVIEW?
(ONLY ERASE IF CB, AM, NA or BZ)

MAKESURE 43:165

(CHECK ONLY ONE ANSWER)

1. No, do not erase the answers (GO TO QUESTION 296)
 2. Yes, erase this interview

298. Date call was made

INTV DAT 43:166-173

- -
Year Month Day

SAVE IF (#296 = 1)