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Social Impacts of the Implementation of a Catch Shares Program in the Mid-Atlantic

Brief Information

Principle Investigators: Lisa L. Colburn, NOAA/NMFS/NEFSC

Co-Investigators: Patricia M. Clay, NOAA/NMFS/NEFSC
Richard B. Pollnac, Contractor for NOAA/NMFS/NEFSC

Project Summary

Our research involves evaluating the impacts that changes in management regulations, such as catch shares, have on various parts of the Mid-Atlantic fishery. Our emphasis will be on impacts on fishing communities and individual well-being. The individuals interviewed will be representative of the diversity of all commercial fishers in the Mid-Atlantic.

Why am I Being Invited to Take Part in This Study?

You are being invited to take part in the research project we have already described to you. Our intent is to determine how you feel about fishing today and the impacts on fishing that are the result of management regulations. Responses to our questions will not be associated with your name.

If you decide to take part in this study, your participation will involve responding to several questions concerning your community.

Your part in this study is anonymous. That means that your answers to all questions are private. No one else can know if you participated in this study and no one else can find out what your answers were. Scientific reports will be based on group data and will not identify you or any individual as being in this project.

How much time is required? The average time to complete the survey is

25 minutes.

Who will see the information you give? The information you provide will be combined with responses from other participants and analyzed. The analysis of the data will be added to reports or publications and available by anyone whom is interested in the research

The decision to participate in this research project is up to you. Participation is entirely voluntary. You do not have to participate and you can refuse to answer any question.

If you have any questions, please feel free to contact Lisa Colburn the person responsible for this study.

THANK YOU FOR YOUR TIME AND PARTICIPATION IN THIS STUDY.

SOCIAL IMPACTS OF THE IMPLEMENTATION OF CATCH SHARES PROGRAMS IN THE MID-ATLANTIC Survey



Sponsored by:
**NOAA Fisheries (National Marine Fisheries Service)
Northeast Fisheries Science Center
Social Science Branch**

Questions?

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THIS SURVEY IS VOLUNTARY

SOCIAL IMPACTS OF THE IMPLEMENTATION OF A CATCH SHARES PROGRAM IN THE MID-ATLANTIC

Interviewer Name: _____

Date: _____

Section A: Demographic information

Demographic questions help us to better understand the unique characteristics of people and their relationship to fishing.

1. Location of interview: _____

2. Town/city of residence of interviewee: _____

3a. Do you own a commercial fishing vessel? Yes No (Go to 4)

3b. Number of vessels: _____

If number of vessels does not exceed 2:

3c. Vessel Type	3d. Vessel Length

4. Primary port of landing (in terms of frequency or the most recently used): _____

5. Homeport: _____

Use the table below to answer questions 6a and 7a.

6a. What is your principal fishing type (target species)?

6b. What gear do you use? _____

7a. What other types of fishing do you conduct (target species)?

7b. What gear do you use? _____

Target Species	Principle Fishing Type (6a)	Other Fishing Type(s) (7a)
Scallops	<input type="checkbox"/>	<input type="checkbox"/>
Large Mesh Groundfish	<input type="checkbox"/>	<input type="checkbox"/>
Small Mesh Groundfish	<input type="checkbox"/>	<input type="checkbox"/>
Lobster	<input type="checkbox"/>	<input type="checkbox"/>
Monkfish	<input type="checkbox"/>	<input type="checkbox"/>
Herring	<input type="checkbox"/>	<input type="checkbox"/>
Red Crab	<input type="checkbox"/>	<input type="checkbox"/>
Ocean quahog	<input type="checkbox"/>	<input type="checkbox"/>
Squid	<input type="checkbox"/>	<input type="checkbox"/>
Butterfish	<input type="checkbox"/>	<input type="checkbox"/>
Mackerel	<input type="checkbox"/>	<input type="checkbox"/>
Scup	<input type="checkbox"/>	<input type="checkbox"/>
Black Sea Bass	<input type="checkbox"/>	<input type="checkbox"/>
Other:	<input type="checkbox"/>	<input type="checkbox"/>

8. In terms of income, which fishery was the most important for you in the past year? _____

9. Do you have any occupation(s) in addition to fishing? Yes No (Go to 11)

10. Rank these activities (including fishing as one activity) in terms of importance to your income:

Occupations	Rank

11. What is your current position in the fishery/on the boat?

Position	Check One
Non-fishing owner (shore captain)	<input type="checkbox"/>
Captain/Owner	<input type="checkbox"/>
Captain	<input type="checkbox"/>
Crew	<input type="checkbox"/>

Only vessel owners, captains or captain/owners answer question 12. If not go to 13.

12. How difficult has it been to attract and keep competent crew members compared to two years ago?

<i>Very difficult</i>	<i>Difficult</i>	<i>No change</i>	<i>Easy</i>	<i>Very easy</i>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>

13. What is/was your average crew size?

(13a.) Today	(13b.) Two years ago	(13c.) Two years from now

14. How many years of commercial fishing experience do you have? _____

15. How many generations of your family have fished? (Including interviewee as a generation) _____

16. Number of immediate family members involved in fishing? (e.g.: parents, siblings, kids) _____

17. Number of other relations involved in fishing? (e.g.: grandparents, uncles, aunts, cousins, brothers/sisters in law, etc.) _____

18. Is the current level of income from your fishing business enough for you to see yourself still fishing in the short term, medium term, or long term?

Still Fishing in:	Check One
Short term	1 <input type="checkbox"/>
Medium term	2 <input type="checkbox"/>
Long term	3 <input type="checkbox"/>

19. How does your income from fishing this year compare to what it was two years ago?

<i>Much lower</i>	<i>Lower</i>	<i>No change</i>	<i>Higher</i>	<i>Much higher</i>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>

20. How old are you? _____

21. How many years of formal education do you have? _____

Section B: Participation

This section identifies levels of participation of the interviewee in the fisheries management process.

1. Do you belong to any type of fishermen's organization? **Yes** **No**
2. Do you attend any public meetings where fishery management issues are discussed (e.g., Regional Council, Department of Environmental Management, etc.)? **Yes** **No (Go to 6)**
3. Do you urge others to attend the meetings? **Yes** **No**
4. Do you talk at the meeting, present ideas, debate issues, etc.? **Yes** **No**
5. Do you feel your participation makes any difference?

No difference 0 ___ 1 ___ 2 ___ 3 ___ 4 ___ 5 ___ 6 ___ Big difference

All interviewees answer question 6 regardless of attendance at meetings or not.

6. Do you feel that the meetings have any influence on the management plans developed?

No difference 0 ___ 1 ___ 2 ___ 3 ___ 4 ___ 5 ___ 6 ___ Big difference

7. Do you use internet to obtain information about the fishery or fishery management? **Yes** **No**
8. Do you read any publications related to fisheries? **Yes** **No**

Notes

Section C: Management

This section identifies the effects of fishery management regulations on fishermen and their families.

1. What regulations have most affected your fishing activity? How?

Regulation(s)	Effects

2. What regulations have had the greatest impact on families? How?

Regulation(s)	Effects

3. What regulations affect income the most? How?

Regulation(s)	Effects

4. Are the rules and regulations that affect your fishing activities clear and straightforward?

<i>Very unclear</i>	<i>Unclear</i>	<i>Neutral</i>	<i>Clear</i>	<i>Very clear</i>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>

Notes

Section D: Catch Shares Perspectives

This section identifies advantages and disadvantages of participation in sectors management.

1. Do you belong to a sector? Yes No

All interviewees answer questions 2 and 3 regardless of them belonging to a sector or not.

2. What are the **advantages** of belonging to a sector?

Answer:

3. What are the **disadvantages** of belonging to a sector?

Answer:

Notes

Section E: Environmental Ethics, Job Satisfaction and Well-Being

Questions on environmental ethics, job satisfaction and well-being help us understand the affects of changes in fisheries management policies.

Environmental Ethics:

Ask if the person interviewed agrees, disagrees or neither with regard to each question. If agree or disagree, ask if they strongly agree/disagree, just agree/disagree or agree/disagree a little.

1. There are way too many fishermen in the sea.

<i>Strongly disagree</i>	<i>Disagree</i>	<i>Disagree a Little</i>	<i>Neutral</i>	<i>Agree a Little</i>	<i>Agree</i>	<i>Strongly agree</i>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>	6 <input type="checkbox"/>	7 <input type="checkbox"/>

2. Today's fishing practices are not enough to hurt nature.

<i>Strongly disagree</i>	<i>Disagree</i>	<i>Disagree a Little</i>	<i>Neutral</i>	<i>Agree a Little</i>	<i>Agree</i>	<i>Strongly agree</i>
7 <input type="checkbox"/>	6 <input type="checkbox"/>	5 <input type="checkbox"/>	4 <input type="checkbox"/>	3 <input type="checkbox"/>	2 <input type="checkbox"/>	1 <input type="checkbox"/>

3. The so-called over fishing of the oceans is exaggerated.

<i>Strongly disagree</i>	<i>Disagree</i>	<i>Disagree a Little</i>	<i>Neutral</i>	<i>Agree a Little</i>	<i>Agree</i>	<i>Strongly agree</i>
7 <input type="checkbox"/>	6 <input type="checkbox"/>	5 <input type="checkbox"/>	4 <input type="checkbox"/>	3 <input type="checkbox"/>	2 <input type="checkbox"/>	1 <input type="checkbox"/>

Job Satisfaction:

Ask if the person interviewed is satisfied, dissatisfied or neither with regard to each question. If satisfied or dissatisfied, ask if they are very satisfied/dissatisfied or just satisfied/dissatisfied.

How satisfied are you with...

1. Your actual earnings?

<i>Very Dissatisfied</i>	<i>Dissatisfied</i>	<i>Neutral</i>	<i>Satisfied</i>	<i>Very Satisfied</i>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>

2. Time spent away from home?

<i>Very Dissatisfied</i>	<i>Dissatisfied</i>	<i>Neutral</i>	<i>Satisfied</i>	<i>Very Satisfied</i>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>

3. Predictability of your earnings?

<i>Very Dissatisfied</i>	<i>Dissatisfied</i>	<i>Neutral</i>	<i>Satisfied</i>	<i>Very Satisfied</i>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>

4. Job safety?

<i>Very Dissatisfied</i>	<i>Dissatisfied</i>	<i>Neutral</i>	<i>Satisfied</i>	<i>Very Satisfied</i>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>

5. Adventure of the job?

<i>Very Dissatisfied</i>	<i>Dissatisfied</i>	<i>Neutral</i>	<i>Satisfied</i>	<i>Very Satisfied</i>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>

6. Physical fatigue of the job?

<i>Very Dissatisfied</i>	<i>Dissatisfied</i>	<i>Neutral</i>	<i>Satisfied</i>	<i>Very Satisfied</i>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>

7. Opportunity to be your own boss?

<i>Very Dissatisfied</i>	<i>Dissatisfied</i>	<i>Neutral</i>	<i>Satisfied</i>	<i>Very Satisfied</i>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>

8. Challenge of the job?

<i>Very Dissatisfied</i>	<i>Dissatisfied</i>	<i>Neutral</i>	<i>Satisfied</i>	<i>Very Satisfied</i>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>

9. Healthfulness of the job?

<i>Very Dissatisfied</i>	<i>Dissatisfied</i>	<i>Neutral</i>	<i>Satisfied</i>	<i>Very Satisfied</i>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>

10a. Would you advise a young person to enter fishing? Yes No

10b. Why?

11a. Would you still fish if you had your life to live over? Yes No

11b. Why?

Well-being:

12. How satisfied are you with the overall health of the marine environment (for example pollution, fish stocks, etc)?

<i>Very Dissatisfied</i>	<i>Dissatisfied</i>	<i>Neutral</i>	<i>Satisfied</i>	<i>Very Satisfied</i>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>

13. In general, how satisfied are you with your life?

<i>Very Dissatisfied</i>	<i>Dissatisfied</i>	<i>Neutral</i>	<i>Satisfied</i>	<i>Very Satisfied</i>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>

14. How satisfied are you with your physical health?

<i>Very Dissatisfied</i>	<i>Dissatisfied</i>	<i>Neutral</i>	<i>Satisfied</i>	<i>Very Satisfied</i>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>

15. How often do you feel happy?

<i>Never</i>	<i>Not often</i>	<i>Neutral</i>	<i>Often</i>	<i>All the time</i>
1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>	5 <input type="checkbox"/>

12a. In the unlikely event that you could no longer fish, what kind of a job would you like to have?

12b. Would you need additional training to get this type of job? Yes No

**END OF SURVEY – THANK YOU FOR YOUR PARTICIPATION
PLEASE USE THIS SPACE FOR ADDITIONAL COMMENTS**

Please address any questions or comments to:

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