



Social impacts of marine protected areas Key Informant Interview Protocol v 2.0 (September 2011)

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UNIPA Key Informant Interview Instrument

Notes

Version 2.0

Identification

Country Name

MPA Name

Population Centre Name

Key Informant Identification Code

Key Informant Role

Reference Focus Group (FGD) Code

Interviewer Name

Note-taker Name

Date of Interview (DD/MM/YYYY)

Start time of interview (Hour:Min)

End time of interview (Hour:Min)

Key Informant instrument version number

Country Name _____ MPA Name _____ Key Informant Code _____

Instructions for field team

In this document, instructions to the field team are underlined. Statements to be read aloud to participants are in *italics*. Transitions from one topic to another are indicated by bold type. Instances where the facilitator must “fill in the blank” are indicated in [bold brackets].

In some cases, the facilitator will need to “fill in the blanks” based on location. These questions include the phrase “[name of the MPA/name of usual fishing grounds].”

- a. If the interview is in an MPA “treatment” settlement, ask ONLY about the MPA. Use the full name of the MPA (e.g., “Teluk Mayalibit KKLD”).
- b. If the focus group is in a “comparison” non-MPA settlement, ask ONLY about the usual fishing grounds. Use the full name of the usual fishing grounds (e.g., “the northern coral garden”).

Before starting the key informant interview (KII), the interviewer should:

1. Copy the list of habitats, species, and users from the “reference focus group” to the key informant interview instrument. (To determine the “reference focus group” for each key informant interview, please review the protocol for Key Informant Interviews.)
 - a. For Question 6 in the key informant interview, list the habitats and species from Focus Group questions 4 and 5.
 - b. For questions 7, 15, and 16 in the key informant interview, copy the list of users from Focus Group question 6d.
2. Explain the purpose of this study to participants.
3. Ask for the assistance of the key informant in the interview
4. Assure the key informant of the total confidentiality of the data. Key informants will never be identified with their responses, and the data will only be used for the purpose stated.
5. Assure participants that their participation and responses are entirely voluntary. They may refuse to answer any question, and may stop the interview at any time. They may also decline to participate in the interview.
6. Emphasize to participants that there are no right or wrong answers, and that we want to learn from their experience.
7. Obtain formal consent from the key informant. If consent is provided, continue with the interview. If consent is not provided, end the interview & proceed to the next informant.

When conducting the interview, please record the participants’ answers based upon established response categories.

- For all constrained choice questions, place a cross [X] in the appropriate box.
- Throughout the interview, acceptable “blind” responses are: [997] Do not know; [998] Not applicable; and [999] Refuse. In other words, they are not presented as response options but are marked if volunteered. If the participant volunteers additional information, please record it in the Notes column.
- In this study, “local government” refers to kampung, distrik, and kabupaten level government.

Request permission from the key informant before using a digital voice recorder.

After ending the interview, check the data sheet to ensure all the information is accurate and complete.

Notes

Country Name _____ MPA Name _____ Key Informant Code _____

Section 1. Background

Notes

Good [morning/afternoon]. Thank you for your willingness to participate in this study. In this discussion, I would like to learn from you about the use and management of marine resource in this area. I would like learn about the use of marine resources in the local area, the rules that govern use of marine resource, how decisions are made about these marine resources, and how these rules are enforced.

- 1. Now that we are through with the formalities, can you please tell me about the history of [name of MPA/name of usual fishing grounds] and your involvement with it? How did you first get involved? What was management of marine resources like in [name of MPA/name of usual fishing grounds] when you first got involved and how changed over time? Why has it changed?*

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

Open ended response. Probe for additional details, if appropriate.

Country Name _____ MPA Name _____ Key Informant Code _____

Notes

Section 2. Congruence of rules with local conditions

I would like to know more about the rules governing use of marine resources in [name of MPA/usual fishing grounds], particularly how the [name of MPA/name of usual fishing ground] is "zoned."

For the purposes of this study, a management "zone" is a specific place or geographic area with a specific set of rules. This may include both formal and informal zones, whose boundaries are written or unwritten. Examples of zones include: legally-designated no-fishing areas, sasi areas, village marine tenure areas, tourism zones, etc.

The interviewer should always record at least ONE type of zone. If the rules governing the use of marine resources within the MPA or "usual fishing grounds" are the same across the entire MPA/usual fishing ground, this is considered ONE type of zone, with a quantity of ONE. If there are different rules in different parts of the MPA/usual fishing ground, then there are MULTIPLE types of zones; there may be one or more examples of each type of zone.

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

If necessary, specify the appropriate "blind response" code in the box. [997] = Do not know; [998] = Not applicable; [999] = Refuse

2. *Can you please tell me...*

- a. *What types of formal and informal management zones exist within the [name of MPA/name of usual fishing grounds]?*
- b. *How many examples are there of each type of zone within the [name of MPA/name of usual fishing grounds]?*
- c. *For each type of zone, is there a formal or informal organization that helps to manage ONLY this type of management zone?*
- d. *For each organization listed in 2c, to what extent does this zone-specific organization coordinate its activities with an organization that manages all of [name of MPA/name of usual fishing grounds]? Do they never coordinate, rarely coordinate, sometimes coordinate, usually coordinate, or always coordinate?*

a. Type of zone?	b. Quantity	c. Organization? [0] = No [1] = Yes	d. [If yes to Question 2c] Cross-scale coordination? [1] = Never; [2] = Rarely [3] = Sometimes [4] = Usually; [5] = Always

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- 3 If the total number of zones listed in Question 2b = ONE, then enter SKIP [994] and go to Question 5.

Are the boundaries of these management zones related to ecological differences from place to place within [name of MPA/name of usual fishing ground]?

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

If necessary, specify the appropriate "blind response" code. [997] = Do not know; [998] = Not applicable; [999] = Refuse.

Yes No Blind code (specify) _____

- 4 If the total number of zones listed in Question 2b = ONE, then enter SKIP [994] and go to Question 5.

Are the boundaries of these management zones related to social differences from place to place within [name of MPA/name of usual fishing grounds]?

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

If necessary, specify the appropriate "blind response" code. [997] = Do not know; [998] = Not applicable; [999] = Refuse.

Yes No Blind code (specify) _____

Notes

Country Name _____ MPA Name _____ Key Informant Code _____

Notes

I would now like to ask you about the rules governing use of important species and habitats in the [name of MPA/name of usual fishing ground]. I am interested in formal and informal rules that both restrict use and those which provide permission for use.

5. For each of the following species and habitats, are there special rules governing human uses? For example, is there a rule that applies to this species or habitat and nothing else?

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

If necessary, specify the appropriate "blind response" code. [997] = Do not know; [998] = Not applicable; [999] = Refuse.

NOTE: List of species and habitats should be copied from questions 4 and 5 in the "reference focus group" for this key informant interview. See protocol for key informant interviews to determine the "reference focus group."

- a) i) Species 1 _____
 Yes No Blind code (specify) _____
If Yes, specify rule _____
- ii) Species 2 _____
 Yes No Blind code (specify) _____
If Yes, specify rule _____
- iii) Species 3 _____
 Yes No Blind code (specify) _____
If Yes, specify rule _____
- iv) Species 4 _____
 Yes No Blind code (specify) _____
If Yes, specify rule _____
- v) Species 5 _____
 Yes No Blind code (specify) _____
If Yes, specify rule _____
- b) i) Habitat 1 _____
 Yes No Blind code (specify) _____
If Yes, specify rule _____
- ii) Habitat 2 _____
 Yes No Blind code (specify) _____
If Yes, specify rule _____
- iii) Habitat 3 _____
 Yes No Blind code (specify) _____
If Yes, specify rule _____
- iv) Habitat 4 _____
 Yes No Blind code (specify) _____
If Yes, specify rule _____
- iv) Habitat 5 _____
 Yes No Blind code (specify) _____
If Yes, specify rule _____

Country Name _____ MPA Name _____ Key Informant Code _____

Notes

I would now like to ask you about the rules governing the behavior of each of the following important groups of individuals in [name of MPA/name of usual fishing ground].

6. *In particular, are there special rules governing the behavior of these each user groups inside the [name of MPA/name of usual fishing grounds]? For example, are there rules that apply to these groups and nobody else?*

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

If necessary, specify the appropriate "blind response" code in the box. [997] = Do not know; [998] = Not applicable; [999] = Refuse

NOTE: list of user groups should be copied from the answer to question 6d in the "reference focus group" for this key informant interview. See protocol for key informant interviews to determine the "reference focus group."

A User group 1 _____
 Yes No Blind code (specify) _____
If Yes, specify rule _____

B User group 2 _____
 Yes No Blind code (specify) _____
If Yes, specify rule _____

C User group 3 _____
 Yes No Blind code (specify) _____
If Yes, specify rule _____

D User group 4 _____
 Yes No Blind code (specify) _____
If Yes, specify rule _____

E User group 5 _____
 Yes No Blind code (specify) _____
If Yes, specify rule _____

F User group 6 _____
 Yes No Blind code (specify) _____
If Yes, specify rule _____

G User group 7 _____
 Yes No Blind code (specify) _____
If Yes, specify rule _____

H User group 8 _____
 Yes No Blind code (specify) _____
If Yes, specify rule _____

I User group 9 _____
 Yes No Blind code (specify) _____
If Yes, specify rule _____

J User group 10 _____
 Yes No Blind code (specify) _____
If Yes, specify rule _____

Country Name _____ MPA Name _____ Key Informant Code _____

Notes

7. *Do the rules use of governing marine resources in [name of MPA/name of usual fishing grounds] change based on changes in ecological conditions in and around [name of MPA/name of usual fishing grounds] over time?*

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

"Ecological conditions" include any and all aspects of ecological context (e.g., animal population size, habitat quality, newly discovered or harvested species, animal behavior, disease outbreaks, etc).

Check one box. If necessary, specify the appropriate "blind response" code in the box. [997] = Do not know; [998] = Not applicable; [999] = Refuse

- Never
- Rarely
- Sometimes
- Usually
- Always
- Blind code (specify) _____

8. *Do the rules governing marine resources use in [name of MPA/name of usual fishing grounds] change based on changes in social conditions in and around [name of MPA/name of usual fishing grounds] over time?*

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

"Social conditions" includes any and all aspects of social context: human population size, number of users or groups of users, economic well-being or health of local communities, new fishing technologies or market opportunities, etc.

Check one box. If necessary, specify the appropriate "blind response" code in the box. [997] = Do not know; [998] = Not applicable; [999] = Refuse

- Never
- Rarely
- Sometimes
- Usually
- Always
- Blind code (specify) _____

Section 3. Boundaries

Notes

9. *How are the rules and boundaries of [name of MPA/name of usual fishing grounds] made clear to individuals who use marine resources within [name of MPA/name of usual fishing grounds]?*

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

Open ended response. Probe for details, if appropriate.

10. *To what extent do individuals who use marine resources within [name of MPA/name of usual fishing grounds] know the rules and boundaries of [name of MPA/name of usual fishing grounds]?*

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

Open ended response. Probe for details, if appropriate.

Section 4. Resource use rights

Notes

Country Name _____ MPA Name _____ Key Informant Code _____

11. *To what extent do the rules governing [name of MPA/name of usual fishing grounds] differ in practice from the way that they are written on paper?*

We are interested to know if rules are implemented or practiced in a manner that is different from the way that the rules are formally described or legally designated.

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

Open ended response. Probe for details, if appropriate.

Country Name _____ MPA Name _____ Key Informant Code _____

12. *Are there any unwritten or informal rules that govern the use of marine resources in [name of MPA/name of usual fishing grounds]? [PROBE: What are they?]*

Notes

Though most rules are written down after a conscious decision, we want to document and understand unwritten rules (i.e., not written down) and informal rules (i.e., rules that did not emerge from a conscious choice or decision).

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

Open ended response. Probe for details, if appropriate.

Country Name _____ MPA Name _____ Key Informant Code _____

Section 5. Decision-making arrangements

Notes

13. *Who actively participated in or is actively participating in making the rules governing [name of MPA/name of fishing ground]?*

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

Open ended response. Probe for details, if appropriate.

Thanks. This is very helpful. I would now like to ask you a couple of questions about the relationship between the government and the users of marine resources in [name of MPA/name of usual fishing ground].

Country Name _____ MPA Name _____ Key Informant Code _____

Section 6. Rights to self-organize

14. First, for each of the following groups, to what extent does the national government oppose or support the rights of users to develop their own rules governing resources within [name of MPA/name of usual fishing grounds]?

Notes

Please choose one of these possible answers: strongly oppose, oppose, neither oppose nor support, support, strongly support

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

If necessary, specify the appropriate "blind response" code in the box. [997] = Do not know; [998] = Not applicable; [999] = Refuse

A	User group 1 (specify) _____ Strongly oppose	_____	_____	<input type="checkbox"/>	Blind code (specify) _____
	Oppose	Neither oppose nor support	Support	Strongly support	
B	User group 2 (specify) _____ Strongly oppose	_____	_____	<input type="checkbox"/>	Blind code (specify) _____
	Oppose	Neither oppose nor support	Support	Strongly support	
C	User group 3 (specify) _____ Strongly oppose	_____	_____	<input type="checkbox"/>	Blind code (specify) _____
	Oppose	Neither oppose nor support	Support	Strongly support	
D	User group 4 (specify) _____ Strongly oppose	_____	_____	<input type="checkbox"/>	Blind code (specify) _____
	Oppose	Neither oppose nor support	Support	Strongly support	
E	User group 5 (specify) _____ Strongly oppose	_____	_____		Blind code (specify) _____
	Oppose	Neither oppose nor support	Support	Strongly support	
F	User group 6 (specify) _____ Strongly oppose	_____	_____		Blind code (specify) _____
	Oppose	Neither oppose nor support	Support	Strongly support	
G	User group 7 (specify) _____ Strongly oppose	_____	_____		Blind code (specify) _____
	Oppose	Neither oppose nor support	Support	Strongly support	
H	User group 8 (specify) _____ Strongly oppose	_____	_____		Blind code (specify) _____
	Oppose	Neither oppose nor support	Support	Strongly support	
I	User group 9 (specify) _____ Strongly oppose	_____	_____		Blind code (specify) _____
	Oppose	Neither oppose nor support	Support	Strongly support	
J	User group 10 (specify) _____ Strongly oppose	_____	_____		Blind code (specify) _____
	Oppose	Neither oppose nor support	Support	Strongly support	

Country Name _____ MPA Name _____ Key Informant Code _____

15. For each of these groups of users, to what extent are their written and unwritten rules about use of marine resources included in national government practices in [name of MPA/name of usual fishing ground]?

Notes

Please choose one of these possible answers: not included, partially included, fully included.

Check one box for each user group listed. If necessary, check the "blind response" box and specify the appropriate code. [997] = Do not know; [998] = Not Applicable; [999] = Refuse

NOTE: Respondents may have a difficult time with this question. [998] "Not applicable" is an appropriate response on those occasions where users have not developed rules about marine resource use.

- A User group 1 (specify) _____
 Not included Partially included Fully included Blind code (specify) _____
- B User group 2 (specify) _____
 Not included Partially included Fully included Blind code (specify) _____
- C User group 3 (specify) _____
 Not included Partially included Fully included Blind code (specify) _____
- D User group 4 (specify) _____
 Not included Partially included Fully included Blind code (specify) _____
- E User group 5 (specify) _____
 Not included Partially included Fully included Blind code (specify) _____
- F User group 6 (specify) _____
 Not included Partially included Fully included Blind code (specify) _____
- G User group 7 (specify) _____
 Not included Partially included Fully included Blind code (specify) _____
- H User group 8 (specify) _____
 Not included Partially included Fully included Blind code (specify) _____
- I User group 9 (specify) _____
 Not included Partially included Fully included Blind code (specify) _____
- J User group 10 (specify) _____
 Not included Partially included Fully included Blind code (specify) _____

Country Name _____ MPA Name _____ Key Informant Code _____

Section 7. Monitoring and Enforcement

16. *How are the rules governing [name of MPA/name of usual fishing grounds] monitored and enforced?*

Notes

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

Open ended response. Probe for details, if appropriate.

Who monitors and enforces? What actions do they take? Where? When?

17. *What penalties exist to encourage compliance with the regulations governing marine resource use within the [name of the MPA/usual fishing ground]?*

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

If necessary, specify the appropriate "blind response" code. [997] = Do not know; [998] = Not applicable; [999] = Refuse

- a *Verbal warnings*
 Yes No Blind code (specify) _____
- b *Written warnings*
 Yes No Blind code (specify) _____
- c *Loss of access to marine resources*
 Yes No Blind code (specify) _____
- d *Confiscation of equipment*
 Yes No Blind code (specify) _____
- e *Fines*
 Yes No Blind code (specify) _____
- f *Incarceration*
 Yes No Blind code (specify) _____
- g *Other (specify) _____*
 Yes No Blind code (specify) _____

Country Name _____ MPA Name _____ Key Informant Code _____

18. *If caught breaking rules in [name of MPA/name of usual fishing grounds], how often do rule-breakers receive one of these penalties?*

Notes

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

Check one box.

- Never
- Rarely
- Sometimes
- Usually
- Always
- Blind code (specify) _____

19. *What factors influence the choice of penalty?*

Check one box for each category.

If necessary, check the "blind code" box and specify the appropriate code. [997]: Do not know; [998]: Not applicable; [999]: Refuse

- a *The number of previous offenses.*
 Yes No Blind code (specify) _____
- b *Ecological impact of the offense.*
 Yes No Blind code (specify) _____
- c *Economic impacts of the offense*
 Yes No Blind code (specify) _____
- d *Social impacts of the offense*
 Yes No Blind code (specify) _____
- e *Wealth of the rule breaker*
 Yes No Blind code (specify) _____
- f *Political power of the rule breaker*
 Yes No Blind code (specify) _____
- g *Social status of the rule breaker*
 Yes No Blind code (specify) _____
- h *Other (specify) _____*
 Yes No Blind code (specify) _____

Country Name _____ MPA Name _____ Key Informant Code _____

20. *What incentives are provided to encourage compliance with the rules governing marine resource use?*

Notes

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

Check one box for each category. If necessary, specify the appropriate "blind response" code in the box. [997] = Do not know; [998] = Not applicable; [999] = Refuse

- a *Environmental education.*
 Yes No Blind code (specify) _____
- b *Skills training.*
 Yes No Blind code (specify) _____
- c *Exchange of equipment (e.g., fishing gear)*
 Yes No Blind code (specify) _____
- d *Purchase of equipment (e.g., fishing gear)*
 Yes No Blind code (specify) _____
- e *Loans*
 Yes No Blind code (specify) _____
- f *Direct payments*
 Yes No Blind code (specify) _____
- g *Employment*
 Yes No Blind code (specify) _____
- g *Other (specify)* _____
 Yes No Blind code (specify) _____

Country Name _____ MPA Name _____ Key Informant Code _____

22. *I'm curious who "monitors the monitors" in [name of MPA/name of usual fishing grounds]. What happens if the people responsible for monitoring and enforcement don't do their job properly? Are there penalties?*

Notes

Specifically, what happens if monitors do not effectively monitor ecological conditions? Are there...

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

Check one box for each category. If necessary, specify the appropriate "blind response" code in the box. [997] = Do not know; [998] = Not applicable; [999] = Refuse

a *Verbal warnings?*
 Yes No Blind code (specify) _____

b *Written warnings?*
 Yes No Blind code (specify) _____

c *Loss of access to marine resources?*
 Yes No Blind code (specify) _____

c *Loss of position as "monitor"?*
 Yes No Blind code (specify) _____

d *Confiscation of equipment?*
 Yes No Blind code (specify) _____

e *Fines?*
 Yes No Blind code (specify) _____

f *Incarceration?*
 Yes No Blind code (specify) _____

g *Other? (specify) _____*
 Yes No Blind code (specify) _____

Country Name _____ MPA Name _____ Key Informant Code _____

23. *What happens if the monitors do not effectively monitor social conditions? Are there...*

Notes

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

Check one box for each category. If necessary, specify the appropriate "blind response" code in the box. [997] = Do not know; [998] = Not applicable; [999] = Refuse

- a *Verbal warnings?*
 Yes No Blind code (specify) _____
- b *Written warnings?*
 Yes No Blind code (specify) _____
- c *Loss of access to marine resources?*
 Yes No Blind code (specify) _____
- c *Loss of position as "monitor"?*
 Yes No Blind code (specify) _____
- d *Confiscation of equipment?*
 Yes No Blind code (specify) _____
- e *Fines?*
 Yes No Blind code (specify) _____
- f *Incarceration?*
 Yes No Blind code (specify) _____
- g *Other? (specify)* _____
 Yes No Blind code (specify) _____

Country Name _____ MPA Name _____ Key Informant Code _____

24. *What happens if the monitors do not actively monitor the compliance of individuals who use marine resources in [name of MPA/name of usual fishing grounds]? For the monitors, are there...*

Notes

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

Check one box for each category. If necessary, specify the appropriate "blind response" code in the box. [997] = Do not know; [998] = Not applicable; [999] = Refuse

- a *Verbal warnings?*
 Yes No Blind code (specify) _____
- b *Written warnings?*
 Yes No Blind code (specify) _____
- c *Loss of access to marine resources?*
 Yes No Blind code (specify) _____
- c *Loss of position as "monitor"?*
 Yes No Blind code (specify) _____
- d *Confiscation of equipment?*
 Yes No Blind code (specify) _____
- e *Fines?*
 Yes No Blind code (specify) _____
- f *Incarceration?*
 Yes No Blind code (specify) _____
- g *Other? (specify)* _____
 Yes No Blind code (specify) _____

Country Name _____ MPA Name _____ Key Informant Code _____

25. *And, lastly, what happens if the monitors do not penalize people when those individuals break the rules governing use of marine resources in [name of MPA/name of usual fishing grounds]? For the monitors, are there...*

Notes

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

Check one box for each category. If necessary, specify the appropriate "blind response" code in the box. [997] = Do not know; [998] = Not applicable; [999] = Refuse

a *Verbal warnings?*
 Yes No Blind code (specify) _____

b *Written warnings?*
 Yes No Blind code (specify) _____

c *Loss of access to marine resources?*
 Yes No Blind code (specify) _____

c *Loss of position as "monitor"?*
 Yes No Blind code (specify) _____

d *Confiscation of equipment?*
 Yes No Blind code (specify) _____

e *Fines?*
 Yes No Blind code (specify) _____

f *Incarceration?*
 Yes No Blind code (specify) _____

g *Other? (specify)* _____
 Yes No Blind code (specify) _____

Section 8. Conflict Resolution

Notes

26. *How are conflicts about marine resources in [name of MPA/name of usual fishing grounds] resolved among users, and between users and government officials?*

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

Note: we are primarily interested in the PROCESS by which conflicts are resolved. For example, who does what to resolve conflicts? When and where? We are less interested in knowing the outcome of the process.

Open ended response. Probe for details, if appropriate.

Country Name _____ MPA Name _____ Key Informant Code _____

Section 9. Impacts

Lastly, I would like to ask you about the ecological and social impacts of [MANAGEMENT IN name of usual fishing ground/name of MPA].

27. *What have been the ecological impacts of [MANAGEMENT IN name of usual fishing ground/name of MPA]?*

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the impacts of "MANAGEMENT IN" the usual fishing grounds.

Open ended response. Probe to explore both positive and negative impacts, if appropriate.

Notes

Country Name _____ MPA Name _____ Key Informant Code _____

28. *What have been the social impacts of [MANAGEMENT IN name of usual fishing ground/name of MPA]?*

Notes

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the impacts of "MANAGEMENT IN" the usual fishing grounds.

Open ended response. Probe to explore both positive and negative impacts, if appropriate.

Country Name _____ MPA Name _____ Key Informant Code _____

29. *Who makes the greatest contributions to or sacrifices for the [name of MPA/name of usual fishing grounds]? Which groups of users and communities?*

Notes

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

NOTE: We are primarily interested in current and past contributions (money, labor, etc.), as well as current and past sacrifices (loss of access to marine resources, costly changes in fishing practices, etc.). We are less interested in future contributions or sacrifices.

Open ended. Probe for additional details, if appropriate.

Country Name _____ MPA Name _____ Key Informant Code _____

30. Who *benefits most from the* [name of MPA/name of usual fishing grounds]? *Which groups of users and communities?*

Notes

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

NOTE: We are primarily interested in current and past benefits (money, access to marine resources, etc.). We are less interested in future benefits.

Open ended response. Probe for details, if appropriate.

Now conclude interview.

Country Name _____ MPA Name _____ Key Informant Code _____

That is very interesting. That is all the questions that I have. Thank you very much for your time. Before I go...

Notes

31. *Is there anything else I should know about [name of MPA/name of usual fishing ground]?*

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the "usual fishing grounds" specified in the reference focus group.

32. *Is there anyone else I should talk with about [name of MPA/name of usual fishing grounds]?*

33. *Are there any documents or sources of information that I should read about [name of MPA/name of usual fishing grounds]?*

Thank you again for your time. I greatly appreciate the opportunity to learn from you. If you have any questions about this study, I will be here until [date]. After that time, you can contact the study director, Dr. Fitry Pakiding, at UNIPA at [mobile number].