Social impacts of marine protected areas
Focus Group Instrument v 2.1 (August 2012)

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Focus Group Instrument

Version 2.1

Identification

Country Name   _____

MPA Name   _____

Population Center Name   _____

Focus Group (FGD) Code   _____

Facilitator Name   _____

Note-taker Name   _____

Date of Interview (DD/MM/YYYY)   _____

Start time of interview (Hour:Min)   _____

End time of interview (Hour:Min)   _____

Number of focus group participants   [____] Male [____] Female [____] Total

Focus Group instrument version number

_____2.1_____

MPA Name_____   Population Centre Name_____   Focus Group 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 focus group is being held 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 being held 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 coral garden north of our village").

The focus group discussion (FGD) should be held in a place where every participant can express their opinion freely. The location should minimize the likelihood that non-participants will interrupt or influence the discussion.

In the FGD, the field coordinator will facilitate the discussion. The field coordinator should use the questions contained in this instrument. One enumerator will assist the field coordinator by recording the discussion on this form.

Before starting the focus group, the facilitator/field coordinator should:
   1. Explain the purpose of this study to participants.
   2. Ask for the assistance of participants in the focus group.
   3. Assure participants of the total confidentiality of the data. Participants will never be identified with their responses, and the data will only be used for the purpose stated.
   4. Assure participants that their participation and responses are entirely voluntary. Participants may refuse to answer any question, and may stop at any time. They may also decline to participate in the focus group.
   5. Emphasize to participants that there are no right or wrong answers, and that we want to learn from their experience.
   6. Formally receive the consent of participants to participate in the focus group.

When conducting the focus group, please record the participants' answers based upon established response formats:
   - For constrained choice questions, place a cross [X] in the appropriate box.
   - For all questions, [997] "Do not know;" [998] "Not applicable"; and [999] "Refuse" are acceptable "blind responses". These responses are not presented to participants, but they are recorded if participants volunteer them as answers.
   - If participants volunteer extra information, record it in the notes column.
   - In this study, "local government" refers to 'kampung', 'distrik', and 'kabupaten' levels.
   - For questions 18, 19, 20, and 22, responses of "Never" should be recorded as "≤ One time/yr."

After the focus group discussion, the field coordinator should check the information recorded by the note-taker. The field coordinator must ensure that the data forms are correct and complete.

Section 1. Geography – human geography and biogeography.

Good [morning/afternoon]. *Thank you for coming. In this discussion, we would learn from you about the marine resources in this area. We would like to ask you some questions about the local area, who uses marine resources here, the rules governing use of these marine resources, how decisions are made about these marine resources, and how rules are enforced.*

To start off, I would like to ask you a few questions about the local marine environment, and who uses it.

1. a) *What is the name of your usual fishing grounds?*
   b) *For the most common type of fishing boat, with no stops along the way, how far in time (minutes) is* [name of population center] *from your usual fishing grounds?*
   c) *How far in distance (kilometers)?*
   d) *How big are your usual fishing grounds (km^2)?*

Show the laminated map to participants. Ask participants to identify their "usual fishing grounds" and trace rough boundary on the laminated map. In areas with marine tenure, "usual fishing ground" is likely under local tenure.

Identify only one "usual fishing ground" for each community.

If participants indicate that they often fish in more than one location, ask them to identify the fishing grounds "most commonly used".

If more than one area is used with the same frequency, randomly select one of these fishing grounds at random from among the "most commonly used."

For parts c-e, if participants give a range of values, record the average value below. Include the full range in the Notes column

Take a digital photo of the map(s) drawn/annotated in question 1. On each map, provide the MPA name, population center name, focus group code, and question number.

a.	Name of usual fishing grounds	
b.	Type of boat	
c.	Travel time to fishing grounds	min
d.	Distance to fishing grounds	km
e.	Size of fishing grounds	km^2

2. *What is the name of the nearest no-fishing area? For the most common type of fishing boat, with no stops along the way, how far in time (minutes) and distance (kilometers) is* [name of population center] *from the nearest no-fishing area? How big is the nearest no-fishing area (km^2)?*

Notes

Show the laminated map to participants. Ask participants to identify nearest no-fishing area. If boundaries of no-fishing area are not demarcated on map, ask participants to trace rough boundary on the laminated map. "No-fishing area" include any marine areas where harvesting of all marine resources is prohibited.

If participants indicate that there is more than one "nearest no-fishing area," ask them to identify the no-fishing area "most commonly used."

If more than one no-fishing area is used with the same frequency, randomly select one of these no-fishing areas from among the "most commonly used."

For parts c-e, if participants give a range of values, record the average value below. Include the full range in the Notes column.

Take a digital photo of the map(s) drawn/annotated in question 2. On each map, provide the MPA code, population center code, focus group code, and question number.

a.	Name of no-fishing area	
b.	Type of boat	
c.	Travel time to no-fishing area	min
d.	Distance to no-fishing area	km
e.	Size of no-fishing area	km^2

3. *For the most common type of fishing boat, with no stops along the way, how far in time (minutes) and distance (kilometers) is* [name of population center] *from* [name of MPA]*? How big is* [name of MPA] *(km²)?*

Show the laminated map to participants.   If boundaries of [name of MPA] are not demarcated on map, ask participants to trace rough boundary on the laminated map.

Ask ONLY about the MPA.   Use the full name of the MPA (e.g., "Teluk Mayalibit KKLD") listed on the Identification page (page 1).

For parts c-e, if participants give a range of values, record the average value below. Include the full range in the Notes column.

Take a digital photo of the map(s) drawn in question 2. On each map, provide the MPA name, population center name, focus group code, and question number.

a.	Name of MPA	
b.	Type of boat	
c.	Travel time to MPA	min
d.	Distance to MPA	km
e.	Size of MPA	km²

4. *What are the most important habitats in* [name of MPA/name of usual fishing ground]*?*

For treatment settlements, ask only about MPA. For comparison settlements, ask about only usual fishing ground. If more than 5 are identified, ask participants to identify the 5 most important habitats.

a. _____

b. _____

c. _____

d. _____

e. _____

Notes

Notes

5. *What are the most important species in* [name of MPA/name of usual fishing ground]?
For treatment settlements, ask only about the MPA. For comparison settlements, ask only about the usual fishing ground. If more than 5 are identified, ask participants to identify the 5 most important species.

    a.   _____

    b.   _____

    c.   _____

    d.   _____

    e.   _____

6. *Defining "user groups".* Groups of users may be either formal or informal.

    a. *How do people use* [name of MPA /name of usual fishing ground]?

    List general ways in which people use the MPA or usual fishing ground. For example, fishing, tourism, mining, recreation, religious ceremonies, etc.

    For treatment settlements, ask only about MPA. For comparison settlements, ask only about usual fishing grounds.

    b. *What specific gears or techniques are used for each type of activity?*

    For each general way of using the MPA (treatment) or usual fishing grounds (comparison) identified in (a), list the techniques or types of gear employed.

    c. *Who uses each of these specific gears and techniques?*

    For each combination of use and gear/technique identified in (b), list where users of the MPA (treatment) or usual fishing grounds (comparison) live.

    d. *Who uses the* [name of MPA/name of usual fishing grounds] *the most?*

    In other words: of the groups listed in (c), who is most active in [name of MPA/name of usual fishing grounds]?

    From the list in (c), focus group participants should identify the ten most important distinct groups of users (i.e., people from a specific place who use a specific gear) in the MPA (for treatment settlements) or usual fishing grounds (for comparison settlements). For example: gill net fishermen from village X, bomb fishermen from village Y, scuba-diving tourists from foreign countries.

MPA Name_____   Population Centre Name_____   Focus Group Code_____

6.

a. What type of activity?	b. What specific technique/gear?	c. People from where?

6d.

User group	What type of activity?	What specific technique/gear?	From where?
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

7. Tell me about the history of [name of MPA/name of usual fishing ground]. *How has management of marine resources changed over time in this place? Why?*

If treatment settlement, ask only about MPA. If comparison settlement, ask only about usual fishing ground.

Probe to learn more, if appropriate.

Section 2. Rules governing marine resources

Thanks very much for the background information. This is very helpful.

I have a few questions about what people can – and cannot – do inside the [name of MPA/name of usual fishing ground].

8. *Can you please tell me, what are the rules governing use of marine resources in* [name of MPA/ name of usual fishing grounds]*?*

    List the specific rules that govern use of marine resources. For treatment settlements, ask only about MPA. For comparison settlements, ask only about usual fishing ground.

    NOTE: We are interested in both formal and informal rules, including rules that are written and unwritten. PROBE to learn about informal and unwritten rules.

    Formal and informal rules designate who is permitted or prohibited from doing what, where, when, and how.

    As people start talking, make a chart like this to capture the discussion. The rules should be recorded exactly as they are explained by participants.

Rule Number	Rule: Who? What? Where? When? How?
1.	
2.	
3.	
4.	
5.	

Notes

6.	
7.	
8.	
9.	
10	
11	
12	
13	
14	
15	

Notes

9. *Where are the boundaries of* [name of MPA/name of usual fishing grounds]*?*

On a map, have participants draw the internal and external boundaries of the MPA (treatment) or usual fishing grounds (comparison). Internal boundaries may separate management zones, marine tenure areas, or other management systems.

If drawn on paper, rather than the laminated map, the note-taker should copy the details of the map onto the laminated version.

After the focus group discussion, take a digital photo of the laminated map(s) drawn in question 7. On each map, provide the MPA name, population center name, focus group code, and question number.

10. *Where are the boundaries marked?*

On a map, have participants indicate where the internal and external boundaries of the MPA (treatment) or usual fishing grounds (comparison) are marked in some way. Estimate the percentage of internal and external boundaries that are marked.

	Internal boundary %		External boundary %

After the focus group discussion, take a digital photo of the map(s) drawn in question 8. On each map, provide the MPA name, population center name, focus group code, and question number.

Notes

11. *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 treatment settlement, ask only about the MPA. If at comparison settlement, ask only about usual fishing grounds. Check one answer for each method of clarifying rules and boundaries.

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

a   *Aligned with local landmarks*
    ☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

b   *Demarcated with boundary markers* (sticks, buoys, etc.)
    ☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

c   *Communicated via signs*
    ☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

d   *Announced via government notice* (gazette, federal register, etc.)
    ☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

e   *Communicated via written outreach* (pamphlets, newspaper announcements, email, etc.)
    ☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

f   *Communicated through audio outreach* (radio announcements, commercials, information programs, etc.)
    ☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

g   *Communicated through video outreach* (TV announcements, movies, commercials, information programs, etc.)
    ☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

h   *Spread through word of mouth* (neighbor to neighbor, etc.)
    ☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

i   *Communicated through other forms of outreach* (town meetings, door to door engagement, PRIDE campaigns, etc.)
    ☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

j   Other (specify)_____
    ☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

Notes

12. *In each group of users, how many people know the external boundaries of* [name of MPA/name of usual fishing grounds]*?*

<u>The groups of users listed here should match those identified in question 6d. Make sure the user groups are listed in the correct order.</u>

<u>If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about usual fishing grounds.</u>

<u>Select one box for each group of users. If necessary, select the "blind response" box and specify the appropriate code.</u> [997] = Do not know; [998] = Not applicable; [999] = Refuse

a User group 1 (specify)_____
   ☐ *None* ☐ *Some* ☐ *About half* ☐ *Most* ☐ *All* ☐ *Blind*_____

b User group 2 (specify) _____
   ☐ *None* ☐ *Some* ☐ *About half* ☐ *Most* ☐ *All* ☐ *Blind*_____

c User group 3 (specify) _____
   ☐ *None* ☐ *Some* ☐ *About half* ☐ *Most* ☐ *All* ☐ *Blind*_____

d User group 4 (specify) _____
   ☐ *None* ☐ *Some* ☐ *About half* ☐ *Most* ☐ *All* ☐ *Blind*_____

e User group 5 (specify) _____
   ☐ *None* ☐ *Some* ☐ *About half* ☐ *Most* ☐ *All* ☐ *Blind*_____

f User group 6 (specify) _____
   ☐ *None* ☐ *Some* ☐ *About half* ☐ *Most* ☐ *All* ☐ *Blind*_____

g User group 7 (specify) _____
   ☐ *None* ☐ *Some* ☐ *About half* ☐ *Most* ☐ *All* ☐ *Blind*_____

h User group 8 (specify) _____
   ☐ *None* ☐ *Some* ☐ *About half* ☐ *Most* ☐ *All* ☐ *Blind*_____

i User group 9 (specify) _____
   ☐ *None* ☐ *Some* ☐ *About half* ☐ *Most* ☐ *All* ☐ *Blind*_____

J User group 10 (specify) _____
   ☐ *None* ☐ *Some* ☐ *About half* ☐ *Most* ☐ *All* ☐ *Blind*_____

Notes

13. *In each group of users, how many people know the internal boundaries of* [name of MPA/name of usual fishing grounds]*?*

   The groups of users listed here should match those identified in question 6d. Make sure the user groups are listed in the correct order.

   If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about usual fishing grounds.

   Select one box for each group of users. If necessary, select the "blind response" box and specify the appropriate code. [997] = Do not know; [998] = Not applicable; [999] = Refuse

   a   User group 1 (specify)_____
       ☐ *None*   ☐ *Some*   ☐ *About half*   ☐ *Most*   ☐ *All*   ☐ *Blind*_____

   b   User group 2 (specify) _____
       ☐ *None*   ☐ *Some*   ☐ *About half*   ☐ *Most*   ☐ *All*   ☐ *Blind*_____

   c   User group 3 (specify) _____
       ☐ *None*   ☐ *Some*   ☐ *About half*   ☐ *Most*   ☐ *All*   ☐ *Blind*_____

   d   User group 4 (specify) _____
       ☐ *None*   ☐ *Some*   ☐ *About half*   ☐ *Most*   ☐ *All*   ☐ *Blind*_____

   e   User group 5 (specify) _____
       ☐ *None*   ☐ *Some*   ☐ *About half*   ☐ *Most*   ☐ *All*   ☐ *Blind*_____

   f   User group 6 (specify) _____
       ☐ *None*   ☐ *Some*   ☐ *About half*   ☐ *Most*   ☐ *All*   ☐ *Blind*_____

   g   User group 7 (specify) _____
       ☐ *None*   ☐ *Some*   ☐ *About half*   ☐ *Most*   ☐ *All*   ☐ *Blind*_____

   h   User group 8 (specify) _____
       ☐ *None*   ☐ *Some*   ☐ *About half*   ☐ *Most*   ☐ *All*   ☐ *Blind*_____

   i   User group 9 (specify) _____
       ☐ *None*   ☐ *Some*   ☐ *About half*   ☐ *Most*   ☐ *All*   ☐ *Blind*_____

   J   User group 10 (specify) _____
       ☐ *None*   ☐ *Some*   ☐ *About half*   ☐ *Most*   ☐ *All*   ☐ *Blind*_____

Notes

Section 3. Decision-making arrangements.

14. <u>If at comparison settlement, enter SKIP code [994] and move to question 16.</u>
Who actively participated in or is actively participating in making the decision to establish [name of MPA]*?*

<u>The groups of users listed here should match the users identified in question 6d. Select one box per stakeholder group. If necessary, select the "blind response" box and specify the appropriate code. [997] = Do not know; [998] = Not applicable; [999] = Refuse</u>

a *Local Government*
☐ *Yes* ☐ *No* ☐ Blind code (specify) _____

b *Provincial Government*
☐ *Yes* ☐ *No* ☐ Blind code (specify) _____

c *National Government*
☐ *Yes* ☐ *No* ☐ Blind code (specify) _____

d *Local non-governmental organization*
☐ *Yes* ☐ *No* ☐ Blind code (specify) _____

e *Provincial non-governmental organization*
☐ *Yes* ☐ *No* ☐ Blind code (specify) _____

f *National non-governmental organization*
☐ *Yes* ☐ *No* ☐ Blind code (specify) _____

g *Foreign non-governmental organization*
☐ *Yes* ☐ *No* ☐ Blind code (specify) _____

h User group 1 (specify) _____
☐ *Yes* ☐ *No* ☐ Blind code (specify) _____

i User group 2 (specify) _____
☐ *Yes* ☐ *No* ☐ Blind code (specify) _____

j User group 3 (specify) _____
☐ *Yes* ☐ *No* ☐ Blind code (specify) _____

k User group 4 (specify) _____
☐ *Yes* ☐ *No* ☐ Blind code (specify) _____

l User group 5 (specify) _____
☐ *Yes* ☐ *No* ☐ Blind code (specify) _____

m User group 6 (specify) _____
☐ *Yes* ☐ *No* ☐ Blind code (specify) _____

n User group 7 (specify) _____
☐ *Yes* ☐ *No* ☐ Blind code (specify) _____

o User group 8 (specify) _____
☐ *Yes* ☐ *No* ☐ Blind code (specify) _____

p User group 9 (specify) _____
☐ *Yes* ☐ *No* ☐ Blind code (specify) _____

q User group 10 (specify) _____
☐ *Yes* ☐ *No* ☐ Blind code (specify) _____

r Other (specify) _____
☐ *Yes* ☐ *No* ☐ Blind code (specify) _____

15. If at comparison settlement, enter SKIP code [994] and move to question 16.

Who actively participated in or is actively participating in deciding upon the boundaries of [MPA name]?

The groups of users listed here should match the users identified in question 6d.

Select one box per stakeholder group. If necessary, select the "blind response" box and specify the appropriate code. [997] = Do not know; [998] = Not applicable; [999] = Refuse

a   Local Government
☐ Yes   ☐ No   ☐ Blind code (specify) _____

b   Provincial Government
☐ Yes   ☐ No   ☐ Blind code (specify) _____

c   National Government
☐ Yes   ☐ No   ☐ Blind code (specify) _____

d   Local non-governmental organization
☐ Yes   ☐ No   ☐ Blind code (specify) _____

e   Provincial non-governmental organization
☐ Yes   ☐ No   ☐ Blind code (specify) _____

f   National non-governmental organization
☐ Yes   ☐ No   ☐ Blind code (specify) _____

g   Foreign non-governmental organization
☐ Yes   ☐ No   ☐ Blind code (specify) _____

h   User group 1 (specify) _____
☐ Yes   ☐ No   ☐ Blind code (specify) _____

i   User group 2 (specify) _____
☐ Yes   ☐ No   ☐ Blind code (specify) _____

j   User group 3 (specify) _____
☐ Yes   ☐ No   ☐ Blind code (specify) _____

k   User group 4 (specify) _____
☐ Yes   ☐ No   ☐ Blind code (specify) _____

l   User group 5 (specify) _____
☐ Yes   ☐ No   ☐ Blind code (specify) _____

m   User group 6 (specify) _____
☐ Yes   ☐ No   ☐ Blind code (specify) _____

n   User group 7 (specify) _____
☐ Yes   ☐ No   ☐ Blind code (specify) _____

o   User group 8 (specify) _____
☐ Yes   ☐ No   ☐ Blind code (specify) _____

p   User group 9 (specify) _____
☐ Yes   ☐ No   ☐ Blind code (specify) _____

q   User group 10 (specify) _____
☐ Yes   ☐ No   ☐ Blind code (specify) _____

r   Other (specify) _____
☐ Yes   ☐ No   ☐ Blind code (specify) _____

Notes

16. *Who actively participated in or is actively participating in designing the organization that manages* [name of MPA/name of usual fishing ground]*?*

The management organization may be formal or informal.

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the usual fishing grounds. The groups of users listed here should match the users from question 6d. Select one box per stakeholder group. If necessary, select the "blind response" box and specify the appropriate code. [997] = Do not know; [998] = Not applicable; [999] = Refuse

a   *Local Government*
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

b   *Provincial Government*
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

c   *National Government*
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

d   *Local non-governmental organization*
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

e   *Provincial non-governmental organization*
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

f   *National non-governmental organization*
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

g   *Foreign non-governmental organization*
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

h   User group 1 (specify) _____
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

i   User group 2 (specify) _____
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

j   User group 3 (specify) _____
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

k   User group 4 (specify) _____
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

l   User group 5 (specify) _____
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

m   User group 6 (specify) _____
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

n   User group 7 (specify) _____
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

o   User group 8 (specify) _____
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

p   User group 9 (specify) _____
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

q   User group 10 (specify) _____
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

r   Other (specify) _____
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

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

<u>If at treatment settlement, ask only about MPA. If at comparison settlement, ask only about usual fishing grounds. The groups of users listed here should match the users from question 6d.</u>

<u>Select one box per stakeholder group. If necessary, select the "blind response" box and specify the appropriate code. [997] = Do not know; [998] = Not applicable; [999] = Refuse</u>

a   *Local Government*
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

b   *Provincial Government*
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

c   *National Government*
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

d   *Local non-governmental organization*
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

e   *Provincial non-governmental organization*
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

f   *National non-governmental organization*
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

g   *Foreign non-governmental organization*
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

h   User group 1 (specify) _____
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

i   User group 2 (specify) _____
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

j   User group 3 (specify) _____
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

k   User group 4 (specify) _____
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

l   User group 5 (specify) _____
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

m   User group 6 (specify) _____
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

n   User group 7 (specify) _____
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

o   User group 8 (specify) _____
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

p   User group 9 (specify) _____
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

q   User group 10 (specify) _____
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

r   Other (specify) _____
☐ *Yes*   ☐ *No*   ☐ Blind code (specify) _____

Section 4. Monitoring and enforcement.

Now I'd like to ask you some questions about how the condition and use of marine resources in [name of MPA/name of usual fishing grounds] *is monitored and how rules are enforced.*

18. *How frequently does each of the following groups monitor the condition of marine resources in* [name of MPA/name of usual fishing ground]*?*

    <u>If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the usual fishing grounds. The groups of users listed here should match the users from question 6d.</u>

    <u>Select one box per stakeholder group. If necessary, select the "blind response" box and specify the appropriate code. [997] = Do not know; [998] = Not applicable; [999] = Refuse</u>

a *Local Government*   ☐ Blind code (specify)_____
   ☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ *A few times/week* ☐ *≥ Once a day*

b *Provincial Government*   ☐ Blind code (specify)_____
   ☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ *A few times/week* ☐ *≥ Once a day*

c *National Government*   ☐ Blind code (specify)_____
   ☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ *A few times/week* ☐ *≥ Once a day*

d *Local non-governmental organization*   ☐ Blind code (specify)_____
   ☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ *A few times/week* ☐ *≥ Once a day*

e *Provincial non-governmental organization*   ☐ Blind code (specify)_____
   ☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ *A few times/week* ☐ *≥ Once a day*

f *National non-governmental organization*   ☐ Blind code (specify)_____
   ☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ *A few times/week* ☐ *≥ Once a day*

g *Foreign non-governmental organization*   ☐ Blind code (specify)_____
   ☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ *A few times/week* ☐ *≥ Once a day*

h User group 1 (specify) _____   ☐ Blind code (specify)_____
   ☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ *A few times/week* ☐ *≥ Once a day*

i User group 2 (specify) _____   ☐ Blind code (specify)_____
   ☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ *A few times/week* ☐ *≥ Once a day*

j User group 3 (specify) _____   ☐ Blind code (specify)_____
   ☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ *A few times/week* ☐ *≥ Once a day*

k User group 4 (specify) _____   ☐ Blind code (specify)_____
   ☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ *A few times/week* ☐ *≥ Once a day*

l User group 5 (specify) _____   ☐ Blind code (specify)_____
   ☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ *A few times/week* ☐ *≥ Once a day*

m User group 6 (specify) _____   ☐ Blind code (specify)_____
   ☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ *A few times/week* ☐ *≥ Once a day*

n User group 7 (specify) _____   ☐ Blind code (specify)_____
   ☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ *A few times/week* ☐ *≥ Once a day*

o User group 8 (specify) _____   ☐ Blind code (specify)_____
   ☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ *A few times/week* ☐ *≥ Once a day*

p User group 9 (specify) _____   ☐ Blind code (specify)_____
   ☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ *A few times/week* ☐ *≥ Once a day*

q User group 10 (specify) _____   ☐ Blind code (specify)_____
   ☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ *A few times/week* ☐ *≥ Once a day*

r Other (specify)_____   ☐ Blind code (specify)_____
   ☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ *A few times/week* ☐ *≥ Once a day*

Notes

19. *How frequently does each of the following groups monitor the well-being of people who depend upon marine resources in* [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. The groups of users listed here should match the users from question 6d.

Select one box per stakeholder group. If necessary, select the "blind response" box and specify the appropriate code. [997] = Do not know; [998] = Not applicable; [999] = Refuse

a *Local Government*
☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ Blind code (specify)_____ ☐ *A few times/week* ☐ *≥ Once a day*

b *Provincial Government*
☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ Blind code (specify)_____ ☐ *A few times/week* ☐ *≥ Once a day*

c *National Government*
☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ Blind code (specify)_____ ☐ *A few times/week* ☐ *≥ Once a day*

d *Local non-governmental organization*
☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ Blind code (specify)_____ ☐ *A few times/week* ☐ *≥ Once a day*

e *Provincial non-governmental organization*
☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ Blind code (specify)_____ ☐ *A few times/week* ☐ *≥ Once a day*

f *National non-governmental organization*
☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ Blind code (specify)_____ ☐ *A few times/week* ☐ *≥ Once a day*

g *Foreign non-governmental organization*
☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ Blind code (specify)_____ ☐ *A few times/week* ☐ *≥ Once a day*

h User group 1 (specify) _____
☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ Blind code (specify)_____ ☐ *A few times/week* ☐ *≥ Once a day*

i User group 2 (specify) _____
☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ Blind code (specify)_____ ☐ *A few times/week* ☐ *≥ Once a day*

j User group 3 (specify) _____
☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ Blind code (specify)_____ ☐ *A few times/week* ☐ *≥ Once a day*

k User group 4 (specify) _____
☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ Blind code (specify)_____ ☐ *A few times/week* ☐ *≥ Once a day*

l User group 5 (specify) _____
☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ Blind code (specify)_____ ☐ *A few times/week* ☐ *≥ Once a day*

m User group 6 (specify) _____
☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ Blind code (specify)_____ ☐ *A few times/week* ☐ *≥ Once a day*

n User group 7 (specify) _____
☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ Blind code (specify)_____ ☐ *A few times/week* ☐ *≥ Once a day*

o User group 8 (specify) _____
☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ Blind code (specify)_____ ☐ *A few times/week* ☐ *≥ Once a day*

p User group 9 (specify) _____
☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ Blind code (specify)_____ ☐ *A few times/week* ☐ *≥ Once a day*

q User group 10 (specify) _____
☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ Blind code (specify)_____ ☐ *A few times/week* ☐ *≥ Once a day*

r Other (specify)_____
☐ *≤ one time/yr* ☐ *A few times/yr* ☐ *A few times/month* ☐ Blind code (specify)_____ ☐ *A few times/week* ☐ *≥ Once a day*

Notes

20. *How frequently does each of the following groups monitor the compliance of resource users with the rules governing marine resource use in* [name of MPA/name of usual fishing ground]*?*

Notes

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the usual fishing grounds. The groups of users listed here should match the users from question 6d.

Select one box per stakeholder group. If necessary, select the "blind response" box and specify the appropriate code. [997] = Do not know; [998] = Not applicable; [999] = Refuse

a *Local Government*
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ *A few times/week*   ☐ *≥ Once a day*   ☐ Blind code (specify)_____

b *Provincial Government*
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ *A few times/week*   ☐ *≥ Once a day*   ☐ Blind code (specify)_____

c *National Government*
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ *A few times/week*   ☐ *≥ Once a day*   ☐ Blind code (specify)_____

d *Local non-governmental organization*
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ *A few times/week*   ☐ *≥ Once a day*   ☐ Blind code (specify)_____

e *Provincial non-governmental organization*
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ *A few times/week*   ☐ *≥ Once a day*   ☐ Blind code (specify)_____

f *National non-governmental organization*
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ *A few times/week*   ☐ *≥ Once a day*   ☐ Blind code (specify)_____

g *Foreign non-governmental organization*
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ *A few times/week*   ☐ *≥ Once a day*   ☐ Blind code (specify)_____

h User group 1 (specify) _____
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ *A few times/week*   ☐ *≥ Once a day*   ☐ Blind code (specify)_____

i User group 2 (specify) _____
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ *A few times/week*   ☐ *≥ Once a day*   ☐ Blind code (specify)_____

j User group 3 (specify) _____
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ *A few times/week*   ☐ *≥ Once a day*   ☐ Blind code (specify)_____

k User group 4 (specify) _____
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ *A few times/week*   ☐ *≥ Once a day*   ☐ Blind code (specify)_____

l User group 5 (specify) _____
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ *A few times/week*   ☐ *≥ Once a day*   ☐ Blind code (specify)_____

m User group 6 (specify) _____
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ *A few times/week*   ☐ *≥ Once a day*   ☐ Blind code (specify)_____

n User group 7 (specify) _____
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ *A few times/week*   ☐ *≥ Once a day*   ☐ Blind code (specify)_____

o User group 8 (specify) _____
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ *A few times/week*   ☐ *≥ Once a day*   ☐ Blind code (specify)_____

p User group 9 (specify) _____
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ *A few times/week*   ☐ *≥ Once a day*   ☐ Blind code (specify)_____

q User group 10 (specify) _____
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ *A few times/week*   ☐ *≥ Once a day*   ☐ Blind code (specify)_____

r Other (specify)_____
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ *A few times/week*   ☐ *≥ Once a day*   ☐ Blind code (specify)_____

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

   <u>If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the usual fishing grounds. The groups of users listed here should match the users from question 6d.</u>

   <u>Select one box for each type of penalty. If necessary, select the "blind response" box and specify the appropriate code. [997] = Do not know; [998] = Not applicable; [999] = Refuse</u>

   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) _____

Notes

22. *How frequently does each of the following groups hand out penalties when people break the rules governing use of marine resources in* [name of MPA/name of usual fishing ground]*?*

<u>If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the usual fishing grounds. The groups of users listed here should match the users from question 6d.</u>

<u>Select one box per stakeholder group. If necessary, select the "blind response" box and specify the appropriate code. [997] = Do not know; [998] = Not applicable; [999] = Refuse</u>

a   *Local Government*
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ Blind code (specify)_____
    ☐ *A few times/week*   ☐ *≥ Once a day*

b   *Provincial Government*
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ Blind code (specify)_____
    ☐ *A few times/week*   ☐ *≥ Once a day*

c   *National Government*
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ Blind code (specify)_____
    ☐ *A few times/week*   ☐ *≥ Once a day*

d   *Local non-governmental organization*
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ Blind code (specify)_____
    ☐ *A few times/week*   ☐ *≥ Once a day*

e   *Provincial non-governmental organization*
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ Blind code (specify)_____
    ☐ *A few times/week*   ☐ *≥ Once a day*

f   *National non-governmental organization*
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ Blind code (specify)_____
    ☐ *A few times/week*   ☐ *≥ Once a day*

g   *Foreign non-governmental organization*
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ Blind code (specify)_____
    ☐ *A few times/week*   ☐ *≥ Once a day*

h   User group 1 (specify) _____
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ Blind code (specify)_____
    ☐ *A few times/week*   ☐ *≥ Once a day*

i   User group 2 (specify) _____
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ Blind code (specify)_____
    ☐ *A few times/week*   ☐ *≥ Once a day*

j   User group 3 (specify) _____
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ Blind code (specify)_____
    ☐ *A few times/week*   ☐ *≥ Once a day*

k   User group 4 (specify) _____
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ Blind code (specify)_____
    ☐ *A few times/week*   ☐ *≥ Once a day*

l   User group 5 (specify) _____
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ Blind code (specify)_____
    ☐ *A few times/week*   ☐ *≥ Once a day*

m   User group 6 (specify) _____
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ Blind code (specify)_____
    ☐ *A few times/week*   ☐ *≥ Once a day*

n   User group 7 (specify) _____
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ Blind code (specify)_____
    ☐ *A few times/week*   ☐ *≥ Once a day*

o   User group 8 (specify) _____
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ Blind code (specify)_____
    ☐ *A few times/week*   ☐ *≥ Once a day*

p   User group 9 (specify) _____
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ Blind code (specify)_____
    ☐ *A few times/week*   ☐ *≥ Once a day*

q   User group 10 (specify) _____
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ Blind code (specify)_____
    ☐ *A few times/week*   ☐ *≥ Once a day*

r   Other (specify)_____
☐ *≤ one time/yr*   ☐ *A few times/yr*   ☐ *A few times/month*   ☐ Blind code (specify)_____
    ☐ *A few times/week*   ☐ *≥ Once a day*

Section 5. Conflict resolution.

Now, I'd like to discuss how conflicts are resolved.

23. *How are conflicts over marine resources in* [name of MPA/name of usual fishing ground] *resolved among resource users? between users and government authorities?*

    <u>If at a treatment settlement, ask only about the MPA. If at comparison settlement, ask about the usual fishing grounds.</u>

    <u>Open ended question.   Probe, if appropriate.</u>

24. *How long does it usually take to resolve conflicts over marine resources in* [name of MPA/name of usual fishing grounds]?

    <u>If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask about the usual fishing grounds.</u>

    <u>If participants give a range of values for questions 22a or 22b, record the average in the box.</u>

    a.   *Among users?* | _____ days |

    b.   *Between users and officials?* | _____ days |

Notes

25. *How much does it usually cost to resolve conflicts over marine resources in* [name of MPA/name of usual fishing grounds]*?*

In other words, is there a fee, travel cost, etc. to participate in conflict resolution processes?

If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the usual fishing grounds.

If participants give a range of values for questions 23a or 23b, record the average in the box.

a.   *Among users?* | Rp |

b.   *Between users and officials?* | Rp |

26. *How far must individuals usually travel to resolve conflicts over marine resources in* [name of MPA/name of usual fishing grounds]*?*

If at treatment settlement, ask only about the MPA. If at comparison settlement, ask only about the usual fishing grounds.

Travel time in minutes. If participants give a range of values in for questions 24a and 24b, record the average in the box.

a.   *Among users?* | min |

b.   *Between users and officials?* | min |

Section 6. Impacts/performance.

Lastly, I would like to learn more about ways in which [name of MPA/name of usual fishing grounds] *affects local livelihoods.*

27. *Who makes the greatest contributions to, or sacrifices for, the* [name of MPA/name of usual fishing ground]*?*

   This includes both direct contributions (e.g., cash) and lost opportunities (e.g., access to marine resources). The user group who makes the largest contribution/sacrifice should be given rank [1].

   If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the usual fishing grounds. The groups of user listed here should match the users in question 6d.

   a.   User group 1 (specify) _____   Rank _____

   b.   User group 2 (specify) _____   Rank _____

   c.   User group 3 (specify) _____   Rank _____

   d.   User group 4 (specify) _____   Rank _____

   e.   User group 5 (specify) _____   Rank _____

   f.   User group 6 (specify) _____   Rank _____

   g.   User group 7 (specify) _____   Rank _____

   h.   User group 8 (specify) _____   Rank _____

   i.   User group 9 (specify) _____   Rank _____

   j.   User group 10 (specify) _____   Rank _____

28. *Who benefits most from the* [name of MPA/name of usual fishing ground]*?*

> This includes both direct benefits (e.g., cash) and indirect opportunities (e.g., access to marine resources). The user group who receives the largest combined benefits should be given rank [1].

> If at a treatment settlement, ask only about the MPA. If at a comparison settlement, ask only about the usual fishing grounds. The groups of user listed here should match the users in question 6d.

    a.   User group 1 (specify) _____   Rank ____

    b.   User group 2 (specify) _____   Rank ____

    c.   User group 3 (specify) _____   Rank ____

    d.   User group 4 (specify) _____   Rank ____

    e.   User group 5 (specify) _____   Rank ____

    f.   User group 6 (specify) _____   Rank ____

    g.   User group 7 (specify) _____   Rank ____

    h.   User group 8 (specify) _____   Rank ____

    i.   User group 9 (specify) _____   Rank ____

    j.   User group 10 (specify) _____   Rank ____

Thank you all very much for your time. This is very helpful. We have learned a lot. Before we go, is there…

29. *Anything else we should know?*

30. *Anyone else we should talk with?*

31. *Any documents or other sources of information that might be useful?*

Thank again you for your time. We appreciate the opportunity to learn from your experiences.