

Appendix 1. Questions used in focus group discussions

1. Mapping memory of social-environmental changes.

- When was this village established?
- From that time until now, what were key events that changed the community and your life?
- Why do you think these events are important?

2. Discussing diversification of income sources in relation to the changes that were identified, and how diversification changed their livelihoods. Questions should be used in relation to the key events identified in Question 1. Use questions to let respondents describe contexts before and after key events.

- How many income sources do your households have in this village?
- Within fisheries, how many types of fishing gears do households use in this village? Why do people use these gears? Who fishes in your households? How much money do households earn daily and monthly from fishing?
- Within aquaculture, how many methods are used in this village? Why do people use these methods? How many and which type of species do people farm in this village? Why do you cultivate these species? Who practices aquaculture from the households? How much profit per yield do you earn?
- What kind of paid labor have people performed in this village? Who is performing these jobs in your households? When did they start doing these jobs? How old were they at that time? In which way and where do people get these jobs? Are they good jobs (in terms of producing a stable and sufficient income, and does it include insurances)? Why do people perform these jobs?
- Could you please estimate the percentage each income source contributes to the total income of your household?

3. Assessing ecosystem service changes.

- What benefits do you get from the lagoon?
- Which benefits do you think are important for your livelihood? Why?
- Can you rank these benefits ranging from one (not important) to five (very important)? Can you explain why you evaluated the benefits in this way?
- When in your experience did you notice that the quality and quantity of the benefits of the lagoon were greatest or weakest? And when and how did you notice changes in the quality or quantity of the benefits?

4. Assessing changes in wellbeing.

- Could you please list what constitutes a good life?

- Could you rank those items or aspects that constitute a good life? Can you rank them from 'not important' (one) to 'very important' (five)? Why did you rank them in this way?
- When in your experience did you notice that the quality and quantity of these items or aspects of a good life were greatest or weakest? (e.g. when was your income highest, or when did you experience your highest debt)? And when and how did you notice changes in the quality or quantity of these items or aspects?
- How do you evaluate these items or aspects currently? Why?