

S3 Appendix. Questionnaire for non-fishers (decision-makers, academics and consultants)

BLOCK 1

Age: _____

Sex: Male _____ Female _____

Role: _____

You belong to: _____ (academy, government, private sector, others)

BLOCK 2

Indicate how each of the following ecological-fishery and human components is currently affecting the future of MEABR in Biobio Region, Chile. With value zero (0) are the worst scenario and ten (10) the best-case scenario (mark with an X your answer).

		unfavorable				regular			very favorable			
		0	1	2	3	4	5	6	7	8	9	10
Technological	1. Fleet capacity evolution (number of boats and divers) into MEABRs of the region, compared to 10 years ago.											
	2. Length and tonnage in GRT ¹ of the vessel participating in the MEABR compared to 10 years ago.											
	3. The use of new fishing gear in the management area in the last ten years.											
	4. The distance (km or miles) traveled, the time (hours) it takes for the boat to reach the MEABR.											
	5. Reduction in harvest intensity (harvest/total number of divers) in the MEABR.											
	6. The surveillance system is applied in the management area to minimize poaching.											
	7. Other activities that have side effects on the MEABR.											
Economic	1. Harvest proportion used concerning authorized quotas for species harvested in MEABR.											
	2. Expenses generated by the fishing activity during the "harvest season" that influence the cost.											
	3. Harvest profits evolution compared to 10 years ago.											
	4. The income generated by harvesting during the last ten years, compared to other activities.											
	5. The profits distribution between the shipowner and other participants in the harvest season.											
	6. Income from other activities.											
	7. Subsidies received and the purpose for which they used during the last ten years.											
	8. The fisher organization's capacity in response to debts owed to financial institutions and other entities.											
	9. The total income of fisher in respect to minimum wage (\$301,000).											
	10. The extent of sales of harvested species from the MEABR, where the product goes to.											
Institutional	1. Policy presence and advising with MEABR activities.											
	2. Current collaboration in the right management as scientists, politicians, and fishers.											
	3. Sanctions applied inside the fisher organization.											
	4. Mechanisms to resolve conflicts with external agents: AFOs ² , institutions, or others.											
	5. Networks that the fisher organization has with institutions to obtain benefits.											
	6. Networks generated between fisher organizations to commercial strategies and surveillance of MEABRs.											
	7. Fulfillment of objectives associated with the work plans by fisher organizations.											
	8. The number of projects linked to the development of MEABR.											

1) GRT=gross registered tonnage; 2) AFOs= artisanal fisher organizations

[illegible]

BLOCK 3

Indicate the importance of the following ecological-fishery and human components for the state of MEABR in Biobio Region, Chile. With value zero (0) are indicating less important and ten (10) very important (Mark with an X your answer).

[illegible]

[illegible]