



“Marine Ecosystems and climate change” Project

Data are collected by the Universities of Pisa (scientific referent Professor Federico Niccolini) for scientific research purpose within the framework of a project funded by the Italian Ministry of University and Research, titled "**Preserving Coastal Marine Ecosystem Functions and Services under Climate Change Pressure and Overfishing.**" Data will be processed **anonymously**, fully respecting privacy (in accordance with GDPR General Data Protection Regulation UE 679/2016).

1. Are you on a day trip or on vacation?	<input type="checkbox"/> day trip	<input type="checkbox"/> vacation
2. If you are taking a vacation:	Location:	Duration (days):
3. During your stay, have you experienced scuba diving?	<input type="checkbox"/> Yes <input type="checkbox"/> No	

IF YOU HAVE ANSWERED **YES TO QUESTION 3**, PLEASE CONTINUE WITH THE SURVEY

PART 1 – Scuba diving activity information

4. How many times have you engaged in diving activities this year?	
Type of activity	Number of dives/year
Diving alone	
Group diving	
Guided diving tour	

5. Please indicate the sites where you dived in this MPA this year and the number of dives you have done in each site		
	Site where the diving took place	Number of dives
Site 1		
Site 2		
Site 3		
Other		

Thinking about the experience during the last dive:

6. Dive site:	
7. Please indicate how satisfied you are with the experience using a value from 1 to 5, where 1: not at all - 2: slightly - 3: moderately - 4: very - 5: extremely	Score

8. Please indicate how much the following factors influenced your level of satisfaction about the diving experience, using a value from 1 to 5. Where 1: not at all - 2: slightly - 3: moderately - 4: very - 5: extremely		
	Factors	Score
A	The variety of flora and fauna	
B	The presence of big fishes	
C	The morphological variety of the landscape	
D	The presence of thermophilic species	
E	Other (specify)	

9. Please indicate the **level of satisfaction** of the following **species**, using a value from 1 to 5. Where: 1: not at all - 2: slightly - 3: moderately - 4: very - 5: extremely

	Species	Score
A	Groupers (genus <i>Epinephelus</i> and <i>Mycteroperca</i>)	
B	Seabreams (genus <i>Diplodus</i>)	
C	Ornate wrasse (<i>Thalassoma pavo</i>)	
D	Rainbow wrasse (<i>Coris julis</i>)	
E	Brown meagre (<i>Sciaena umbra</i>)	
F	Mediterranean barracuda (<i>Sphyraena</i> spp)	
G	Spiny lobster - Crawfish (genus <i>Palinurus</i>)	
H	Gorgonian coral	

10. Please indicate the **frequency of sightings** of the following **species**, using a value from 1 to 5. Where: 1: never - 2: very rare - 3: sometimes - 4: often - 5: very frequent

	Species	Score
A	Groupers (genus <i>Epinephelus</i> e <i>Mycteroperca</i>)	
B	Seabreams (genus <i>Diplodus</i>)	
C	Ornate wrasse (<i>Thalassoma pavo</i>)	
D	Rainbow wrasse (<i>Coris julis</i>)	
E	Brown meagre (<i>Sciaena umbra</i>)	
F	Mediterranean barracuda (<i>Sphyraena</i> spp)	
G	Spiny lobster - Crawfish (genus <i>Palinurus</i>)	
H	Gorgonian coral	

11. Please indicate your level of **satisfaction** of the **marine habitats** listed below observed while diving, using a value from 1 to 5. Where: 1: not at all - 2: slightly - 3: moderately - 4: very - 5: extremely

	Habitats	Score
A	Sand	
B	Posidonia seagrass meadows	
C	Bare rock	
D	Rock with photophilic algae	
E	Coralligenous with gorgonians	

12. **If you have dived at this site before**, please indicate for each item if you have **observed changes**. If this is your first time, do not complete and please move on to the following questions

		Increased	Decreased	Unchanged	Don't know
	The frequency of species sightings is				
	The size of observed specimens is				
	The variety of species present is				
	The presence of alien species is				
	The quality of the marine environment is				
	Overall, the quality of your experience is				

PART 2 – Willingness to Pay

<p>13. How important do you consider the establishment of marine protected areas for the conservation of coastal and marine environments?</p>	<input type="checkbox"/> Extremely important <input type="checkbox"/> Very important <input type="checkbox"/> Moderately important <input type="checkbox"/> Slightly important <input type="checkbox"/> Not important at all
<p>The quality of recreational activities carried out within the MPA, including scuba diving, depends on the conservation status of the MPA. Conservation of the MPA involves significant management costs. These costs are only partially covered by public funding (in Italy, by the Ministry of the Environment). Some MPAs worldwide also fund themselves through diving fees, allocating a portion to marine environment conservation activities.</p> <p>14. Would you be willing to pay an increased price for each dive or guided tour to ensure excellent conservation of the site?</p>	<input type="checkbox"/> yes <input type="checkbox"/> no
<p>15. If you answered yes, what is the maximum increase you would be willing to pay without reducing the number of dives each year in this MPA?</p>	<p>_____ €/dive</p>

16. If you imagine coming back in this MPA in the future, and the following changes were to occur, would you willing to dive?						
		No	Yes, paying the stated increment	Yes, paying increment of:	Yes, without increment	Don't know
A	Decrease in the average size of native individuals and no increase in non-native species			€		
B	Maintenance of the average size of native individuals and increase in warmer-water species. Maintenance of current algal status			€		
C	Decrease in native species and increase in warmer-water species. Desertification of rocky environments (presence of bare rock)			€		

PART 3 – General information

17. State of origin	
18. Age	
19. Study degree	
20. Scuba diving certification level	<input type="checkbox"/> Open water diver (OWD) <input type="checkbox"/> Advanced Open water diver (AOWD), rescue diver, deep, similar <input type="checkbox"/> Master scuba diver, assistant instructor, similar <input type="checkbox"/> Open water scuba instructor (OWSI) <input type="checkbox"/> other (specify) _____
21. Year of first certification	

Date

Site