Electronic Supplementary Material (ESI) for Environmental Science: Processes & Impacts. This journal is © The Royal Society of Chemistry 2020

Post-project Survey - NDR

Start of Block: Introductory information

Q1.1 Dear Stanford Beach Project Volunteer, Thank you so much for helping to make this project possible! Now that you have completed your sampling assignment, we would like to hear about your experience as a volunteer. We will use this feedback to improve how we organize future projects that involve community members like you, so we hope you will give us your honest opinions.

Completing this survey should take about 10 minutes. Please consider this to be a critical element of your role in making this project successful. Thank you very much for your cooperation!

Q1.2



End of Block: Introductory information

Start of Block: Participant identification

- Q2.1 You must be 18 years old or older to participate in this project. What is your age?
 - O Under 18 (1)
 - 18 or older (2)

Skip To: End of Survey If You must be 18 years old or older to participate in this project. What is your age? = Under 18

Q2.2 What is your first name?
Q2.3 What is your last name?
Q2.4 At which beach were you assigned to collect samples for this project?
C Linda Mar Beach (1)
O Main Beach (2)
O Seabright Beach (3)
End of Block: Participant identification
Start of Block: Project logistics
Q3.1 First, we want to learn about your experience with different logistical aspects of the project.

Did you have to pay for parking to conduct sampling at the beach for this project?
O Yes, usually or always (1)
○ Yes, sometimes (2)
O No (3)
Q3.3
With whom did you usually collect samples for this project?
O No one - I collected samples on my own (1)
○ With one or more <u>friends</u> (2)
○ With <u>family</u> members who are <u>at least</u> 18 years of age (3)
○ With <u>family</u> members <u>younger</u> than 18 years of age (4)
Other (please specify): (5)
Q3.4 If you were to participate in another beach project similar to this one, would you prefer to record and submit data using a paper data sheet, as we did in this project, or using a digital form in a smartphone app?
O Prefer to use a paper data sheet (1)
O Prefer to use a digital form in a smartphone app (2)

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Overall, how physically challenging was it for you to collect water samples for this project?
O Not challenging at all (1)
○ Mildly challenging (2)
O Moderately challenging (3)
O Very challenging (4)
Q3.6 Each time you went sampling, about how much <u>time</u> did you spend traveling <u>to and from</u> \${Q2.4/ChoiceGroup/SelectedChoices} that you would not otherwise have spent traveling to and from \${Q2.4/ChoiceGroup/SelectedChoices}?
O-14 minutes (1)
○ 15-29 minutes (2)
○ 30-44 minutes (3)
○ 45-59 minutes (4)
O 1 hour or more (5)
End of Block: Project logistics
Start of Block: General feedback
Q4.1 Next, we would like to learn about any issues that made sampling difficult for you.

Q4.2 Was there any week in which you were unable to conduct sampling for this project?
○ Yes (5)
O No (6)
Display This Question:
If Was there any week in which you were unable to conduct sampling for this project? = Yes
Q4.3 Which of the following factors caused you to miss sampling? Please choose all that apply.
I was out of town. (2)
I was in town but too busy to conduct sampling. (3)
The weather was bad. (4)
I was ill or caring for an ill family member/friend. (5)
Collecting samples was physically challenging. (6)
I lost interest in the project. (7)
Other (please specify): (8)

Q4.4 As you know, sampling tasks for each visit to the beach included the following: taking at least 5 salinity measurements, 5 color measurements, and 5 GPS locations, and dropping off a water sample and data sheet at a drop-off location. Was there any day that you went to the beach to conduct sampling but were <u>unable</u> to complete all these sampling tasks?
No: I completed all sampling tasks each time I went to the beach. (6)
Yes: I could not complete all sampling tasks because of GPS/phone malfunction. (1)
Yes: I could not complete all sampling tasks because of bad weather. (2)
Yes: I could not complete all sampling tasks because sampling was physically challenging. (3)
Yes: I could not complete all sampling tasks because I did not have enough time. (4)
Yes: I could not complete all sampling tasks for other reasons (please describe briefly): (5)
Q4.5 Did you have any difficulty with dropping off samples at the designated locations?
○ Yes (1)
O No (2)
Display This Question:
If Did you have any difficulty with dropping off samples at the designated locations? = Yes
Q4.6
Please describe the difficulty you had with dropping off samples:

End of Block: General feedback	
Start of Block: Experience participating	
Q5.1 Next, we would like to learn about other aspects of your experience participating in this project. Even if you provided similar information to us previously, it is important for us to obtain your feedback now that we are at the end of the project. Please do your best to provide accurate responses. This information is important! Thank you!	
For each of the following statements, please indicate how strongly you agree or disagree, with respect to your experience as a <u>participant in the Stanford Beach Project</u> .	
Q5.2 By participating in this project, I feel I have done something for a cause I believe in.	
O Strongly disagree (1)	
○ Somewhat disagree (2)	
O Neither agree nor disagree (3)	
○ Somewhat agree (4)	
O Strongly agree (5)	

Q5.3 By participating in this project, I have contributed to a worthwhile effort.
O Strongly disagree (1)
O Somewhat disagree (2)
O Neither agree nor disagree (3)
○ Somewhat agree (4)
O Strongly agree (5)
Q5.4 By participating in this project, I have contributed to protecting coastal water quality.
○ Strongly disagree (1)
○ Somewhat disagree (3)
O Neither agree nor disagree (4)
○ Somewhat agree (5)
O Strongly agree (7)

Q5.5 By participating in this project, I have gained a better understanding of beach water quality issues.
O Strongly disagree (1)
○ Somewhat disagree (2)
O Neither agree nor disagree (3)
○ Somewhat agree (4)
○ Strongly agree (5)
Q5.6 By participating in this project, I have gained skills in making water quality measurements.
O Strongly disagree (1)
O Somewhat disagree (2)
O Neither agree nor disagree (3)
O Somewhat agree (4)
O Strongly agree (5)

O Strongly disagree (1)
O Somewhat disagree (2)
O Neither agree nor disagree (3)
O Somewhat agree (4)
O Strongly agree (5)
O Not applicable to my participation in this study (6)
Q5.8 Just a few more statements about your experience with this project.
Please indicate how strongly you agree or disagree with each of the following statements about your participation in this project.
Q5.9 Participating in this project has been an opportunity to spend time with people I care about.
O Strongly disagree (1)
O Somewhat disagree (2)
O Neither agree nor disagree (3)
O Somewhat agree (4)
O Strongly agree (5)

Participating in this project has been a good activity to do with my children.

Q5.7

Q5.10
Participating in this project has been enjoyable.
O Strongly disagree (1)
O Somewhat disagree (2)
O Neither agree nor disagree (3)
○ Somewhat agree (4)
O Strongly agree (5)
Q5.11 Participating in this project has enabled me to meet people with interests similar to mine.
O Strongly disagree (1)
○ Somewhat disagree (2)
O Neither agree nor disagree (3)
○ Somewhat agree (4)
O Strongly agree (5)

○ Strongly disagree (1)
○ Somewhat disagree (2)
Neither agree nor disagree (3)
○ Somewhat agree (4)
○ Strongly agree (5)
Q5.13 By participating in this project, I have learned something new about how rivers and creeks impact beach water quality.
Strongly disagree (1)
O Somewhat disagree (2)
O Neither agree nor disagree (3)
○ Somewhat agree (4)
O Strongly agree (5)

Q5.12 Participating in this project has provided social time.

O Strongly disagree (1)
○ Somewhat disagree (2)
O Neither agree nor disagree (3)
○ Somewhat agree (4)
O Strongly agree (5)
Q5.15 If you had the opportunity to participate with a similar beach project in the future, how likely do you think it is that you would volunteer again?
C Extremely unlikely (4)
○ Somewhat unlikely (3)
○ Somewhat likely (2)
O Entremely likely (1)
End of Block: Experience participating
Start of Block: Place attachment
Q6.1 Almost done!

Q5.14 Volunteering with this project has strengthened my professional resume.

We'd like to understand your perceptions of the beach where you collected samples for this study, \${Q2.4/ChoiceGroup/SelectedChoices}. Some of these statements may seem similar to each another, but please do your best to provide accurate responses. This information is important!

Please indicate the degree to which you agree or disagree with the following statements, from 'Strongly disagree' to 'Strongly agree'.

Q6.2 \${Q2.4/ChoiceGroup/SelectedChoices} is the best place for the things I like to do at the beach.
○ Strongly disagree (1)
O Somewhat disagree (2)
O Neither agree nor disagree (3)
○ Somewhat agree (4)
O Strongly agree (5)
Q6.3 \${Q2.4/ChoiceGroup/SelectedChoices} is very special to me.
○ Strongly disagree (1)
O Somewhat disagree (2)
O Neither agree nor disagree (3)
○ Somewhat agree (4)
O Strongly agree (5)
Q6.4 I am very attached to \${Q2.4/ChoiceGroup/SelectedChoices}.
○ Strongly disagree (1)
○ Somewhat disagree (2)
Neither agree nor disagree (3)
○ Somewhat agree (4)
O Strongly agree (5)

Q6.5 I feel \${Q2.4/ChoiceGroup/SelectedChoices} is a part of me.
○ Strongly disagree (1)
O Somewhat disagree (2)
O Neither agree nor disagree (3)
O Somewhat agree (4)
O Strongly agree (5)
Q6.6 I get more satisfaction out of visiting \${Q2.4/ChoiceGroup/SelectedChoices} than any other beach.
○ Strongly disagree (1)
○ Somewhat disagree (2)
O Neither agree nor disagree (3)
○ Somewhat agree (4)
O Strongly agree (5)
Q6.7 I identify strongly with \${Q2.4/ChoiceGroup/SelectedChoices}.
O Strongly disagree (1)
O Somewhat disagree (2)
O Neither agree nor disagree (3)
O Somewhat agree (4)
O Strongly agree (5)

Q6.8 No other place can compare with \${Q2.4/ChoiceGroup/SelectedChoices}.
○ Strongly disagree (1)
○ Somewhat disagree (2)
Neither agree nor disagree (3)
O Somewhat agree (4)
O Strongly agree (5)
Q6.9 The activities I can do at \${Q2.4/ChoiceGroup/SelectedChoices} I would enjoy just as much at a similar beach.
○ Strongly disagree (1)
○ Somewhat disagree (2)
Neither agree nor disagree (3)
○ Somewhat agree (4)
○ Strongly agree (5)
End of Block: Place attachment
Start of Block: Water quality rating
Q7.1 Final section!

Q7.2 How would you rate the water quality at \${Q2.4/ChoiceGroup/SelectedChoices}?
O Not good (1)
O Moderately good (2)
O Very good (3)
End of Block: Water quality rating