

# NexAMS Questionnaire for Coastal Communities

Hello,

We would like to ask a few questions about Selangor mangroves in order to identify the activities that you did near/in mangroves, how you value mangroves and potential replanting sites for mangroves.

The participation in this study is entirely voluntary. Only people who give consent will be included in the study. You may withdraw yourself from this study at any time during the study period and you can ask for any of your data to be withdrawn from the study before 30 April 2022.

Your participation will not bring any direct benefits to you but your vital information will have an effect on better future mangroves management and conservation. Your answer and information will be kept confidential and will not be made public unless disclosure is required by law.

For the purpose of research, we will record the conversation that we have during the questionnaire session and you will be given an incentive of RM15 after completing the questionnaire.

Firstly, we would like to encourage to read the participant information sheet via this link:

<http://tiny.cc/PIFCoastalRespondent>

This questionnaire consists of few sections as below;

## SECTION A

- 1 - Experience and knowledge regarding mangroves
- 2 - Activities near/in mangroves
- 3 - Importance of mangroves

## SECTION B

- 1 - Climate change
- 2 - How much you value mangrove

## SECTION C - Location for mangroves conservation effort

## SECTION D - Background of respondents

This questionnaire takes about 40 - 45 minutes . Your participation is highly appreciated. Thank you.

For more information, please contact:

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\* Required

1. I agree to participate in this research study \*

*Mark only one oval.*

- ☐ Yes  
☐ No      *Skip to section 13 (Declined participation)*

## SECTION A1: Experience and knowledge regarding mangroves

2. Please state the name of mangrove area that is the closest to your location. \*

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3. How far do you live from the mangrove area you have identified? \*

*Mark only one oval.*

- ☐ Less than 5 km  
☐ 5 - 10 km  
☐ 10 - 20 km  
☐ 20 - 30 km  
☐ More than 30 km

4. Have you been to this mangrove area? \*

*Mark only one oval.*

- ☐ Yes  
☐ No      *Skip to question 9*

5. If yes, how frequently do you visit these mangroves? \*

*Mark only one oval.*

- ☐ Everyday  
☐ 2-4 days a week  
☐ Every week  
☐ Fortnightly  
☐ Monthly  
☐ Yearly

6. How long do you spend time in the mangroves during each visit? \*

*Mark only one oval.*

- ☐ 0.5 hour or less  
☐ About 1 hour  
☐ 1-2 hours  
☐ 3 hours  
☐ More than 4 hours

## SECTION A2: Activities near/in mangroves

7. What do you do when you visit your nearby mangrove area? \*

*Check all that apply.*

- ☐ Playing / Tracking / Walking / Sightseeing  
☐ Family activity  
☐ Birdwatching / fireflies watching  
☐ Recreational fishing  
☐ Activities related to religion or faith  
☐ Getting inspiration/idea or create artwork  
☐ Take care or clean the mangrove forest  
☐ To get food  
☐ To collect raw materials  
☐ To get ornamental resources  
☐ To get medicine  
☐ Other: \_\_\_\_\_

8. Please indicate your level of agreement with each of the following statements \*

*Check all that apply.*

	Strongly disagree	Disagree	Somewhat disagree	Neutral	Somewhat agree	Agree	Strongly agree
<b>Mangrove reminds me of my childhood memories</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>I feel that mangrove is beautiful</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>I feel calm and peaceful when looking/being in mangroves</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>I can feel a sense of respect towards nature from mangroves</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>I love or like mangroves</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>I feel scared when I am inside the mangroves</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>I feel uncomfortable in the mangroves</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>I feel sad or regret about mangroves</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Mangrove is full with garbage</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Mangrove is a place for illegal logging</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Mangrove is a hiding spot for immigrant</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9. Please indicate your level of importance to the statement below \*

*Mark only one oval per row.*

	Not important at all	Not important	Slightly not important	Neutral	Slightly important	Important	Very important
<b>Please rate the importance of mangroves to you</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

10. Why do you say that?

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11. How much do you think the quality of mangroves has changed since you first visited the site? \*

*Mark only one oval.*

- ☐ No change
- ☐ Very low
- ☐ Low
- ☐ Somewhat low
- ☐ Somewhat high
- ☐ High
- ☐ Very high

12. How much do you think the quantity of mangroves has changed since you first visited the site?

*Mark only one oval.*

- ☐ No change      *Skip to question 18*
- ☐ Very low
- ☐ Low
- ☐ Somewhat low
- ☐ Somewhat high
- ☐ High
- ☐ Very high

## SECTION B1: Awareness of Climate change

13. Please indicate your level of agreement to the statement below \*

*Mark only one oval per row.*

	Strongly disagree	Disagree	Somewhat disagree	Neutral	Somewhat agree	Agree	Strongly agree
<b>Reduction of mangroves cover contribute to the change of environment in your area</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

14. Which type of change to the environment will be resulted from the reduction of mangroves? \*

*Mark only one oval.*

- ☐ Positive change
- ☐ Negative change      *Skip to question 16*

15. Please describe the positive change to the environment & how can this change impact your wellbeing.

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16. Where there has been a reduction in mangroves in your local area, this change has contributed to the following phenomena.

*Check all that apply.*

- ☐ Unstable weather
- ☐ Heat wave
- ☐ Strong wave and current
- ☐ Soil erosion
- ☐ Haze
- ☐ Frequent flashflood
- ☐ High tide
- ☐ Drought
- ☐ Saltwater intrusion
- ☐ Pollution
- ☐ Other: \_\_\_\_\_

17. How does these environmental changes affect your wellbeing?

*Check all that apply.*

- ☐ Reduced crop yields
- ☐ Reduced fish harvest
- ☐ Reduced income
- ☐ Reduced food source
- ☐ Destroyed or loss of all possessions
- ☐ Injuries to the surrounding people
- ☐ Infectious diseases
- ☐ Change of lifestyle
- ☐ I do not experience any
- ☐ Other: \_\_\_\_\_

## SECTION B2. How much do you value mangroves?

18. If mangrove conservation activities were to occur in your area, would you like to contribute monetarily?

*Mark only one oval.*

- ☐ Yes  
☐ No     *Skip to question 23*

### Monetary value of mangroves

19. What is the reason that makes you agree to contribute monetarily for the mangrove conservation activities?

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20. How often do you want to contribute monetarily? \*

*Mark only one oval.*

- ☐ One-off  
☐ Daily  
☐ Weekly  
☐ Monthly  
☐ Yearly  
☐ Other: \_\_\_\_\_



21. How much would you be willing to contribute? \*

*Mark only one oval.*

- ☐ RM 1
- ☐ RM 5
- ☐ RM 10
- ☐ RM 15
- ☐ RM 20
- ☐ RM 25
- ☐ RM 30
- ☐ Above RM 30
- ☐ Other: \_\_\_\_\_

22. To whom do you want to contribute? \*

*Check all that apply.*

- ☐ Local authorities
- ☐ Community based organisation
- ☐ Non-government organisation
- ☐ Local leaders i.e. JKKK
- ☐ Research groups
- ☐ Other: \_\_\_\_\_

#### Non-monetary contributions

23. Would you be willing to give non-monetary contribution for conservation of the mangroves?

*Mark only one oval.*

- ☐ Yes
- ☐ No

[illegible]

28. What sort of activities are you interested in engaging in? (Tick all that apply) \*

*Check all that apply.*

- ☐ None
- ☐ Mangrove replanting
- ☐ Taking care of replanted mangroves
- ☐ Mangrove plant monitoring
- ☐ Education and awareness raising activities
- ☐ Conduct research on mangroves
- ☐ Other: \_\_\_\_\_

29. Where are the potential sites in the mangrove area that you think are ideal for mangrove restoration and conservation efforts?

Please state the village's name or any landmark located there

\_\_\_\_\_

30. What uses/benefit of mangroves would you hope to get from such restoration and conservation efforts of mangroves?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

31. Do you wish to receive training of the mangrove conservation and restoration activities? \*

*Mark only one oval.*

- ☐ Yes
- ☐ No      *Skip to question 33*

32. If yes, please leave your name and your contact number down below.

\_\_\_\_\_

#### SECTION D: Background of respondent

33. Age \*

*Mark only one oval.*

- ☐ 19 - 29 years old
- ☐ 30 - 45 years old
- ☐ 45 - 60 years old
- ☐ 61 years old and above

34. Gender \*

*Mark only one oval.*

- ☐ Male
- ☐ Female
- ☐ Other: \_\_\_\_\_

35. Job \*

\_\_\_\_\_

36. Ethnicity \*

*Mark only one oval.*

- ☐ Malay
- ☐ Chinese
- ☐ Indian
- ☐ Orang Asli Peninsular Malaysia
- ☐ Other: \_\_\_\_\_

37. How long have you lived in your residence area? \*

*Mark only one oval.*

- ☐ 0 - 5 years
- ☐ 6 - 10 years
- ☐ 11 - 25 years
- ☐ 25 - 50 years
- ☐ More than 51 years

38. Highest education \*

*Mark only one oval.*

- ☐ No formal education
- ☐ Primary school
- ☐ Secondary school
- ☐ Diploma
- ☐ Bachelor's degree
- ☐ Postgraduate degree

39. Monthly income \*

*Mark only one oval.*

- ☐ below RM 1200
- ☐ between RM 1000 - RM 3000
- ☐ between RM 3000 - RM 6000
- ☐ between RM 6000 - RM 13 000
- ☐ above RM 13 000
- ☐ Not applicable

Declined  
participation

You have declined to participate in the questionnaire. Than you for your time. You may close the browser or click submit below.

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