

Exploring pro-environmental behaviors on O'ahu

* Required

1. 1) Please use the following consent form and confirm your consent to participate in the survey:

<https://docs.google.com/document/d/1KxHcEJGRVwWvuCBzRqICGKURgchukScCQ2f4uRC5D5s/edit?usp=sharing> *

Mark only one oval.

- I have read this form and consent to participate in this survey
- I do not consent to participate in this survey. (Please exit the survey)

Demographics

2. 2) Which category below includes your age?

Mark only one oval.

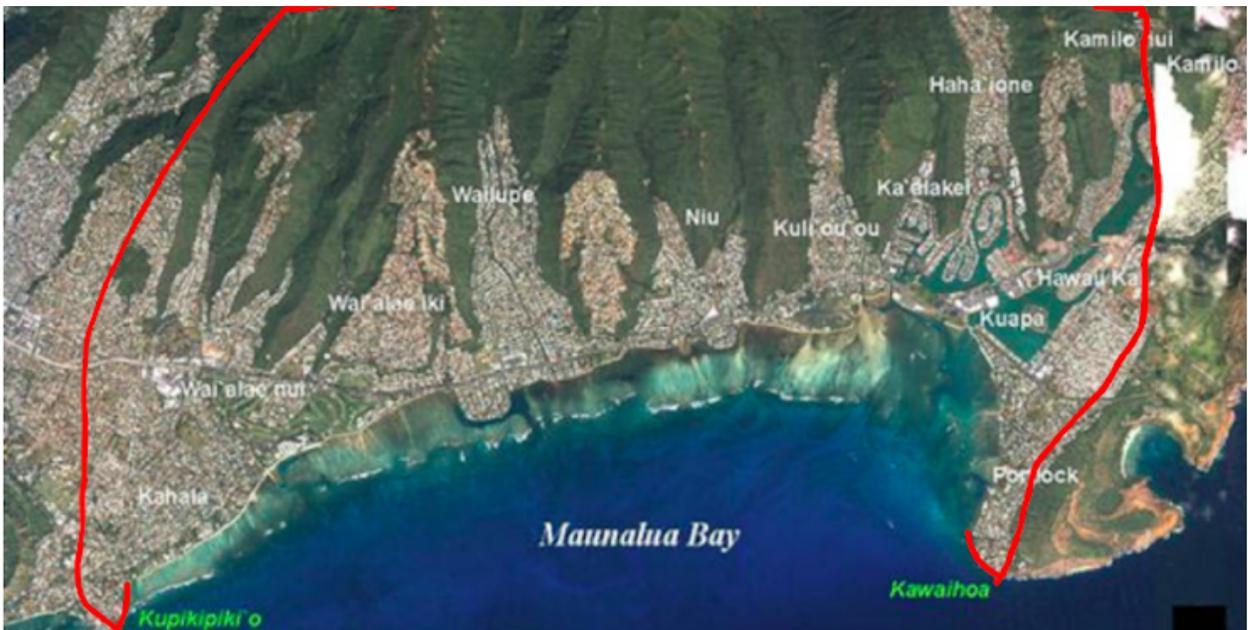
- 25 or under
- 26 - 40
- 41 - 65
- 65 +

3. 3) What is your highest completed level of education?

Mark only one oval.

- Some high school
- Graduated high school
- Some college
- Associates degree
- Undergraduate degree
- Masters degree
- Doctorate
- Other: _____

4. 4) Are you a resident of Maunalua Bay region (Kupikipiki'o to Kawaihoa)? Please see map below.



Mark only one oval.

- Yes
- No

5. 5) What is your zip code?

6. 6) Are you the property owner or renter at your current residence? *

Mark only one oval.

Property Owner (including immediate family of owner living at residence)
Skip to question 7

Renter *Skip to question 8*

7. 7a) Please indicate if you own a condo or house.

Mark only one oval.

Condo *Skip to question 9*

House *Skip to question 9*

Skip to question 9

8. 7b) Please indicate if you rent a condo or house.

Mark only one oval.

Condo *Skip to question 9*

House *Skip to question 9*

9. 8) We would like to know more about what you do when you are in the Maunalua Bay region & how often you do it. Please check all that apply.

Mark only one oval per row.

	At least once a year	At least twice a year	Monthly	Weekly	Daily	N/A
Ma Kai Recreation (Ocean, e.g. swimming, snorkeling, fishing, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ma Uka Recreation (Land, e.g. hiking, running, sporting games, dog parks etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Employment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Shop/Dine/Movies/Library	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Subsistence (supporting oneself & 'ohana through fishing or gathering)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Volunteer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

We are interested in knowing if you participate in the following environmental or conservation actions on your property.

10. 9) Have you planted trees or plants on your property within the past three years? *

Mark only one oval.

- No, I have not *Skip to question 11*
- Yes, I have planted trees or plants. *Skip to question 13*

11. We are interested in knowing the obstacle preventing you from planting trees or plants on your property. Please check all that apply.

Check all that apply.

- I do not have the time to plants trees or plants on my property
- I do not feel comfortable caring for trees and plants
- I do not see a reason, or need, for trees or plants on my property
- I can't afford to purchase plants or trees for my property
- I am not the property owner, thus I can't make the decision to plant tree or plants on the property
- I can't afford the maintenance cost to care for trees or plants on my property

Other: _____

12. We are interested in knowing what would encourage/motivate you to plant trees and plants on your property. Please check all that apply.

Check all that apply.

- Rebate
- Coupons for "discounts/products" at local businesses
- More information
- Incentives such as Neighborhood Competitions with prizes
- Technical training

Other: _____

We are interested in knowing if you participate in the following environmental or conservation actions on your property.

13. 10) Have you made adjustments* to your property to reduce storm and urban runoff? *

*such as turning downspouts to direct water to the yard, installing rain barrels, creating a rain garden

Mark only one oval.

- Yes, I have made adjustments to my home *Skip to question 16*
- No, I have not made any adjustments *Skip to question 14*

14. We are interested in knowing the obstacle preventing you from making adjustments to reduce storm & urban runoff. Please check all that apply.

Check all that apply.

- I do not have the time to reduce runoff on my property
- I do not know how to reduce runoff on my property
- I do not see a reason, or need, to reduce runoff on my property
- I can't afford to reduce runoff on my property (i.e. purchasing rain barrel, creating a rain garden)
- I am not the property owner, thus I can't make the decision to reduce runoff on the property
- I can't afford the maintenance cost for improvements to my property that reduces run-off
- I have minimal to no runoff

Other: _____

15. We are interested in knowing what would encourage/motivate you to make adjustments to reduce storm & urban runoff. Please check all that apply.

Check all that apply.

- Rebates
- Coupons for "discounts/products" at local businesses
- More information
- Incentives such as Neighborhood Competitions with prizes
- Technical Training

Other: _____

We are interested in knowing if you participate in the following environmental or conservation actions on your property.

16. 11) Do you conserve water on your property by taking actions such as: watering early in the morning, only when needed, or for a limited time? *

Mark only one oval.

- Yes, I conserve water *Skip to question 19*
- No, I do not conserve water. *Skip to question 17*

17. We are interested in knowing the obstacle preventing you from conserving water on your property. Please check all that apply.

Check all that apply.

- I do not have the time to implement practices to conserve water
- I do not know what practices I should use to conserve water use
- I do not see a reason, or need, to conserve water
- I can't afford to implement water conservation practices on my property
- I am not the property owner, thus I can't make the decision to implement water conservation practices on the property
- I can't afford the maintenance cost for implementing water conservation practices
- Other: _____

18. We are interested in knowing what would encourage/motivate you to conserve water on your property. Please check all that apply.

Check all that apply.

- Rebate
- Coupons for "discounts/products" at local businesses
- More information
- Incentives such as Neighborhood Competitions with prizes
- Technical Training
- Other: _____

We are interested in knowing if you participate in the following environmental or conservation actions on your property.

19. 12) Do you follow the instructions for use and disposal of household chemicals (e.g. paint, cleaning products, detergents, bleach)? Check yes if you have done at least one of the listed actions. *

Mark only one oval.

- Yes, I follow the proper instructions *Skip to question 22*
- No, I do not follow the proper instructions *Skip to question 20*

20. We are interested in knowing the obstacle that is preventing you from following the instructions for use and disposal of household chemicals (e.g. paint, cleaning products, detergents, bleach) on your property. Please check all that apply.

Check all that apply.

- I do not have the time to follow proper instructions
- I do not understand the instructions on how to use and dispose the chemicals
- I do not see a reason, or need, to follow proper instructions
- I am not the property owner, thus I do not make the decision on how chemicals are used on the property
- Properly disposing of the chemicals is difficult (e.g. access issues to dump/landfill)
- Other: _____

21. We are interested in knowing what would encourage/motivate you to follow proper instructions for fertilizers and chemicals on your property. Please check all that apply.

Check all that apply.

- Rebate
- Coupons for "discounts/products" at local businesses
- More information
- Incentives such as Neighborhood Competitions with prizes
- Technical training
- Other: _____

We are interested in knowing if you participate in the following environmental or conservation actions on your property.

22. 13) Have you decreased your impervious (hard) surfaces by installing pavers, converting paved areas into a yard, &/or converting driveway by switching driveway material to something more organic like grass, bricks, etc.? Check yes if you have done at least one of the listed actions. *

Mark only one oval.

- Yes, I have done at least one of the listed actions *Skip to question 25*
- No, I have not done at least one of the listed actions *Skip to question 23*

23. We are interested in knowing the obstacle that is preventing you from reducing runoff by decreasing impervious (hard) surfaces. Please check all that apply.

Check all that apply.

- I do not have the time to increase porous surfaces
- I do not know how to increase porous surfaces
- I do not see a reason, or need, to increase porous surfaces
- I can't afford to increase porous surfaces (i.e. replacing concrete)
- I am not the property owner, thus I can't make the decision to increase porous surfaces on the property
- I can't afford the maintenance cost for increase porous surfaces
- Other: _____

24. We are interested in knowing what would encourage/motivate you to decrease impervious surfaces on your property. Please check all that apply.

Check all that apply.

- Rebate
- Coupons for "discounts/products" at local businesses
- More information
- Incentives such as Neighborhood Competitions with prizes
- Technical training

Other: _____

We are interested in knowing if you participate in the following environmental or conservation actions on your property.

25. 14) Do you limit the amount of pesticides (e.g. Ortho, Raid, Spectracide) you use on your property? *

Mark only one oval.

- Yes, I limit my pesticide use *Skip to question 28*
- No, I do not limit my pesticide use *Skip to question 26*

26. We are interested in knowing the obstacle that is preventing you from limiting pesticide use on your property. Please check all that apply.

Check all that apply.

- I do not have the time to limit pesticide use
- I do not understand why I need to limit pesticide use
- I do not see a reason, or need, to limit pesticide use
- I am not the property owner, thus I can't make the decision limit pesticide use on the property
- I am unaware of alternatives to help limit pesticide use

Other: _____

27. What would encourage/motivate you to limit your pesticide use. Please check all that apply.

Check all that apply.

- Rebate
- Coupons for "discounts/products" at local businesses
- More information
- Incentives such as Neighborhood Competitions with prizes
- Technical Training

Other: _____

We are interested in knowing if you participate in the following environmental or conservation actions on your property.

28. 14) Do you limit the amount of fertilizers (e.g. MiracleGro, Eraser) you use on your property? *

Mark only one oval.

- Yes, I limit my fertilizer use *Skip to question 31*
- No, I do not limit my fertilizer use *Skip to question 29*

29. We are interested in knowing the obstacle that is preventing you from limiting fertilizer use on your property. Please check all that apply.

Check all that apply.

- I do not have the time to limit fertilizer use
- I do not understand why I need to limit fertilizer use
- I do not see a reason, or need, to limit fertilizer use
- I am not the property owner, thus I can't make the decision limit fertilizer use on the property
- I am unaware of alternatives to help limit fertilizer use

Other: _____

30. What would encourage/motivate you to limit your pesticide use. Please check all that apply.

Check all that apply.

- Rebate
- Coupons for "discounts/products" at local businesses
- More information
- Incentives such as Neighborhood Competitions with prizes
- Technical Training

Other: _____

We are interested in knowing if you participate in the following environmental or conservation actions on your property.

31. 15) We would like to know which method you use to discharge your pool? *

Mark only one oval.

- In a grassy area in my yard *Skip to question 33*
- Into the street *Skip to question 32*
- I hire a pool service *Skip to question 33*
- I do not have a pool *Skip to question 33*

32. Why do you discharge pool water into the street?

Mark only one oval.

- I do not want to discharge pool water into a grassy area on my property
- I do not have a grassy area to discharge pool water into
- I do not see a reason, or need, to discharge pool water into a grassy area

33. 16) How interested would you be in joining a campaign to plant trees in Maunalua Bay region? (1 being not interested and 5 being very interested)

A household driven campaign to plant trees to help combat climate change effects and reduce runoff into Maunalua Bay.

Mark only one oval.

	1	2	3	4	5	
Not interested	<input type="radio"/>	Very interested				

34. 17) How interested would you be in joining a campaign targeted to reduce storm and urban runoff into Maunalua Bay? (1 being not interested and 5 being very interested)

Household driven campaigns to help restore Maunalua bay health through environmental and conservation actions and education.

Mark only one oval.

	1	2	3	4	5	
Not interested	<input type="radio"/>	Very interested				

35. 18) How interested would you be in joining a campaign to restore Maunalua Bay's coral reef? (1 being not interested and 5 being very interested)

A coral reef restoration initiative will have trial plots and a nursery located in Maunalua Bay to help bring back coral reef ecosystem health.

Mark only one oval.

	1	2	3	4	5	
Not interested	<input type="radio"/>	Very interested				

36. 19) On a scale of 1-5, how important is it to you to restore the ecological health of Maunalua Bay? (1 being not important and 5 being very important)

Mark only one oval.

	1	2	3	4	5	
Not important	<input type="radio"/>	Very important				

37. 20) Where do you receive your news about what is going on in your local community? Check all that apply.

Check all that apply.

- Facebook
- Instagram
- Twitter
- Word of mouth
- Flyers posted around town (e.g., Starbucks, library, Whole Foods, Costco)
- Nextdoor website/app
- Local news broadcast
- Radio

Other: _____

38. 21) How much total combined income did all members of your household earn in 2019? (This data is only used for statistical analysis and your answers will be kept anonymous)

Mark only one oval.

- \$0-\$9,999
- \$10,000-\$29,999
- \$30,000-\$69,000
- \$70,000-\$99,000
- \$100,000-\$200,000
- \$200,000 or more
- I prefer not to respond.

Feedback

39. Mahalo nui loa for testing out our survey. Please enter any feedback in the space below.

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