FOR UNDERGRADUATE STUDENTS

***Please feel free to edit this draft or to add comments. (To edit, please choose “suggesting” mode by clicking the pencil at the top right.)***

2019 Sustainability Survey

S1 In the table below, please indicate how often you...

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Regularly (1) | Occasionally (2) | Rarely (3) | Never (4) | Don't Know - N/A (5) |
| Use reusable shopping bags instead of disposable bags (1) |  |  |  |  |  |
| Buy paper and plastic products that are made from recycled materials (2) |  |  |  |  |  |
| Avoid buying products from a company that you know may be harming the environment (3) |  |  |  |  |  |
| Buy household chemicals, such as detergent and cleaning solutions, that are environmentally preferable (4) |  |  |  |  |  |
| Turn off the lights if you are the last person to leave a room (5) |  |  |  |  |  |
| Turn off your computer, monitor, and other electronic equipment when they are not in use (6) |  |  |  |  |  |
| Print on double-sided or on scrap paper (7) |  |  |  |  |  |
| Use reusable coffee mugs and/or water bottles (8) |  |  |  |  |  |
| Use recycling bins for plastics, metal, glass, paper, and cardboard (9) |  |  |  |  |  |
| Use the compost bins for your food waste and compostable containers (10) |  |  |  |  |  |
| Recycle electronic equipment including cell phones and other devices (11) |  |  |  |  |  |

S2\_2 The campus has a goal of becoming a zero waste campus by which one of the following years?

* 2020
* 2022
* 2025
* 2030

S2\_2A How important do you think it is that UCSB achieves the zero waste goal?

❍  Very important (1)

❍  Somewhat important (2)

❍  Not too important (3)

❍  Not important at all (4)

❍  Don’t know - N/A (5)

S3\_3 Are you doing anything to actively conserve/save water?

* Yes (1)
* No (2)

S3\_4 Do you do any of the following to conserve water? (Select all that apply)

* Take shorter showers (1)
* Turn the water off when brushing teeth (2)
* Turn the water off when soaping up your hands before washing them (3)
* Other (please specify): (4) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* None of the above (5)

S3\_5 How important do you feel it is that you personally take actions in order to conserve/save water?”

* Very important (1)
* Somewhat important (2)
* Not too important (3)
* Not important at all (4)
* Don’t know - N/A (5)

S4\_1  In the last year, have you supported an environmental cause with your name and signature—for example, by signing a petition?

* Yes (1)
* No (2)
* Don’t know - N/A (3)

S4\_2 In the last year, have you participated in an environmental organization / committee at UCSB?

* Yes (1)
* No (2)
* Don’t know - NA (3)

S4\_3 In the last year, have you donated money to an environmental protection group?

* Yes (1)
* No (2)
* Don’t know - NA (3)

S4\_4 In the last year, have you written a letter or contacted your member of congress or another government official to support environmental protection?

* Yes (1)
* No (2)
* Don’t know - NA (3)

S4\_5 Are you a member of any group whose main aim is to preserve or protect the environment?

* Yes (1)
* No (2)
* Don’t know - NA (3)

S4\_6 Have you voted for a candidate in an election at least in part because he or she was in favor of strong environmental protection?

* Yes (1)
* No (2)
* Don’t know - NA (3)

S4\_8 Have you participated in internships, undergraduate research experiences, or study abroad programs which concentrated on sustainability, including its social, economic, and environmental dimensions OR examined an issue or topic from the perspective of sustainability? (Select all that apply)

* Yes, Internship(s) (1)
* Yes, undergraduate research experiences (2)
* Yes, Study Abroad (3)
* None of the above (4)

S4\_9a Please list any internships you have participated in which concentrated on sustainability, including its social, economic, and environmental dimensions OR examined an issue or topic from the perspective of sustainability.  Please include the organization or program name and position title.

S4\_9b Please list any undergraduate research you have participated in which concentrated on sustainability, including its social, economic, and environmental dimensions OR examined an issue or topic from the perspective of sustainability. Please include the name of the lab.

S4\_9c Please list any study-abroad programs you have participated in which concentrated on sustainability, including its social, economic, and environmental dimensions OR examined an issue or topic from the perspective of sustainability.  Please list the organization or program name.

S5\_1 How important do you think it is for America to address its impact on the environment?

* Very important (1)
* Somewhat important (2)
* Not too important (3)
* Not important at all (4)
* Don’t know - N/A (5)

S5\_2 How important do you think it is for California to address its impact on the environment?

* Very important (1)
* Somewhat important (2)
* Not too important (3)
* Not important at all (4)
* Don’t know - N/A (5)

S5\_3  How important do you think it is for the UCSB campus to address its impact on the environment?

* Very important (1)
* Somewhat important (2)
* Not too important (3)
* Not important at all (4)
* Don’t know - N/A (5)

S5\_4 How important do you think it is for the department(s) you major in to address its impact on the environment?

* Undeclared major (0)
* Very important (1)
* Somewhat important (2)
* Not too important (3)
* Not important at all (4)
* Don’t know - N/A (5)

S5\_5 How important do you think it is for you to address your own personal impact on the environment?

* Very important (1)
* Somewhat important (2)
* Not too important (3)
* Not important at all (4)
* Don’t know - N/A (5)

S5\_6 How impacted do you think you will be personally by climate change within the next 25-50 years?

* Extremely impacted (1)
* Very impacted (2)
* Moderately impacted (3)
* Slightly impacted (4)
* Not at all impacted (5)

Have you experienced a heat wave while living in Isla Vista?

Yes (1)

No (2)

Don’t know - NA (3)

If yes, What was the temperature like in your apartment/home?

Did you experience any health effects that you are aware of with indoor heat?

Did you experience any health effects that you are aware of with heat outdoors?

Do you feel that you have adequate locations to spend time to be cool when there is a heat wave in Santa Barbara?

* Yes (1)
* No (2)
* Don’t know - NA (3)

Have you been certified with any volunteer/emergency response training that would enable you to be safer and/or better able to assist in local emergencies? if so, what training(s)?

* Yes (1)

No (2)

S5\_7 In November 2013, President Janet Napolitano announced the Carbon Neutrality Initiative, which commits UC to emitting net zero greenhouse gases from its buildings and vehicle fleet by 2025. How important do you think it is that UCSB achieves the Carbon Neutrality (zero net greenhouse gas emissions) goal by 2025?

* Very important (1)
* Somewhat important (2)
* Not too important (3)
* Not important at all (4)
* Don’t know - N/A (5)

S5\_7\_1 How familiar are you with Carbon Offsets?

* Very familiar (1)
* Somewhat familiar (2)
* Not very familiar (3)
* Not at all familiar (4)

S5\_7\_2 Given UC Santa Barbara cuts emissions on campus first, would you be comfortable with the campus purchasing Carbon Offsets to reach Carbon Neutrality? Carbon offsetting is when a company, country, etc., reduces or offsets its carbon emissions through the funding of activities that reduce carbon emissions elsewhere.

* Very comfortable(1)
* Somewhat comfortable (2)
* Not too comfortable (3)
* Not comfortable at all (4)
* Don’t know enough about carbon offsets - N/A (5)

S5\_7\_3 Would you be willing to pay $5 to $10 dollars more in tuition per year if the money was put towards achieving carbon neutrality?

* Yes
* No
* Don’t know/would need more information

S5\_8 If you could give UC or UCSB administrators any feedback or advice in regards to how the UC system could meet their carbon neutrality goal, what would it be?

sustimport How important did you consider sustainability to be before college compared with right now?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Very important (1) | Somewhat important (2) | Not too important (3) | Not important at all (4) |
| Importance of sustainability before college (1) |  |  |  |  |
| Importance of sustainability right now (2) |  |  |  |  |

S5\_10 What caused this change in importance of sustainability? (Select all that apply)

* Course taken (1)
* Friends (2)
* Involvement with a student organization (3)
* Involvement with a research lab on campus (4)
* Internship participated in (5)
* Printed news source (6)
* Television/radio source (7)
* Electronic communications (Facebook/twitter/.......) (8)
* Parents (9)
* Other (please specify): (10) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

S5\_11 When you were applying to colleges, did you consider UCSB…

* To have a higher commitment to sustainability than other schools you applied to (1)
* To have about the same commitment to sustainability as other schools you applied t (2)
* To have less of a commitment to sustainability than other schools you applied to (3)
* Don't know / Don't remember (4)

S5\_12 How important was UCSB's level of commitment to sustainability in your choice to enroll here?

* Not at all important (1)
* Slightly important (2)
* Important (3)
* Fairly important (4)
* Very important (5)

S6\_1 Would you be willing to pay more for the following types of food?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | No (1) | Yes, 1 – 4% more (2) | Yes, 5% - 9% more (3) | Yes, 10% - 15% more (4) |
| Locally Grown (1) |  |  |  |  |
| Organic (2) |  |  |  |  |
| Pesticide Free (but not organic) (3) |  |  |  |  |
| GMO Free (4) |  |  |  |  |
| Humanely Treated Meat/Dairy (5) |  |  |  |  |
| Healthy (6) |  |  |  |  |
| Fair Trade (7) |  |  |  |  |
| Student-run (8) |  |  |  |  |
| Cooperative business/Co-Op (9) |  |  |  |  |

S6\_2  Please indicate the extent to which you agree or disagree with each of the following statements:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Strongly Agree (1) | Somewhat Agree (2) | Neither Agree nor Disagree (3) | Somewhat Disagree (4) | Strongly Disagree (5) | Don’t Know / N/A (6) |
| I would be willing to pay higher taxes in order to protect the environment (1) |  |  |  |  |  |  |
| I would be willing to accept cuts in my standard of living to protect the environment (2) |  |  |  |  |  |  |
| I would be willing to pay higher prices in order to protect the environment (3) |  |  |  |  |  |  |
| I would be willing to pay higher taxes for a healthy future for ourselves and our planet (4) |  |  |  |  |  |  |
| I would be willing to accept cuts in my standard of living for a healthy future for ourselves and our planet (5) |  |  |  |  |  |  |
| I would be willing to pay higher prices in order for a healthy future for ourselves and our planet (6) |  |  |  |  |  |  |

S6\_3 Would you be willing to pay higher UCSB tuition and fees in order to protect the environment?

* I would not want be willing to pay higher tuition (1)
* Yes, 3% more (2)
* Yes, 5% more (3)
* Yes, 7% more (4)
* Yes, 10% more (5)

S7\_3 Would you be interested in using reusable containers when you purchase food on campus? (Campus food vendors would serve your food in a clean reusable container in exchange for returning a used one).

* Very interested (1)
* Somewhat interested (2)
* Not interested (3)

S7\_4 Did you know that reusable containers (Eco-clamshell) are currently available on campus at the Coral Tree Café and the Courtyard Cafe?

* Yes (1)
* No (2)

S7\_5 Would you be interested in receiving periodic updates on sustainability and environmental issues on campus?

* Yes (1)
* No (2)
* Not sure (3)

S7\_6 What are the best ways to communicate with you about sustainability and environmental issues on campus? (Select all that apply)

* Twitter (1)
* Facebook (2)
* Instagram (3)
* Snapchat
* You tube
* Pinterest (4)
* Linkedin (5)
* Tumbler (6)
* The Daily Nexus (7)
* The Bottom Line (8)
* The Campus Sustainability website (sustainability.ucsb.edu) (9)
* Food.ucsb.edu
* Environment.ucsb.edu
* Handshake (The career services site)
* UCSB Sustainability Newsletter (10)
* Sustainability-specific mailing List (11)
* Digital Screens in the residential halls (12)
* Residential hall based programs (example: Res hall energy competition) (13)
* Residence Hall Bulletin Boards
* Residence Hall Newsletter in the Restrooms
* Brief classroom presentations at the beginning of classes
* A guest speaker that came to your class
* University Announcements (14)
* Department listserv for your major (15)
* Other (please specify): (16) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

S7\_7 Have you seen any of the following UCSB Sustainability promotional materials? (click all that apply)

* Green Board signs (poster board located throughout campus) (2)
* Digiknows (3)
* Recycled water signage (4)
* Other signage (5)
* None of the above (6)

S8\_1 Do you own a bicycle?

* Yes (1)
* No (2)

S8\_2 How often do you perform maintenance on your bicycle (air, oil, etc.)?

* Very often (1)
* Often (2)
* Sometimes (3)
* Seldom (4)
* Never (5)

S8\_3 How familiar are you with how your bicycle operates?

* Very familiar (1)
* Somewhat familiar (2)
* Not very familiar (3)
* Not at all familiar (4)

S8\_4 How much do you see yourself using a bicycle after leaving UCSB?

* More often than now (1)
* About the same amount (2)
* Less often (3)

S8\_5 Where do you prefer to buy a bicycle?

* A big box store such as Kmart, Walmart or Costco (1)
* A shop that specializes in bicycle sales (2)
* Second hand markets such as Craigslist or a thrift store (3)
* Other (please specify) (4) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

S8\_6 Which best describes your view of bicycle use?

* A primary means of transportation (1)
* Exercise equipment or recreation (2)
* A novelty (3)

{If choose (1)}

For which of the following do you use your bicycle as a primary means of transportation? (Click all that apply)

* Commuting to Campus
* Commuting to visit friends and or Family
* Commuting to run errands

S8\_7 Do you have a car in the area?

* Yes (1)
* No (2)

S8\_8 What are your primary reasons for having a car in the area? (check all that apply)

* Traveling home on the weekends (1)
* Traveling to other locations on the weekends (2)
* Daily commute (3)
* Errands (4)
* Other (5) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

S8\_9 If you use a personal vehicle to travel home on weekends, what is your primary reason for not taking public transportation? (check all that apply)

* Public transportation is not available to my home town (1)
* I can get to my home town, but getting from the train or bus station to my home is prohibitive (2)
* I can get to my home town, but getting to/from the train or bus station in Santa Barbara is prohibitive (3)
* I need my car when I am at home (4)
* The public transportation schedule to my home town is not convenient (5)
* It takes too long to travel home by public transportation (6)
* I do not like to take public transportation (7)
* Other (8) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* N/A - I live in town (9)

S9\_1 To the best of your knowledge, how easy or difficult is it to find courses related to or focused on the environment and sustainability in the UCSB course catalog?

* Very easy (1)
* Somewhat easy (2)
* Somewhat difficult (3)
* Very difficult (4)

S9\_2 How many courses have you taken that you feel were related to or focused on sustainability?   A Sustainability Course is defined as a course that has a substantial component which addresses the relationship between humans and the environment.”

* None (1)
* 1-2 (2)
* 3-4 (3)
* 5-6 (4)
* 7 or more (5)

S9\_3 Please list the courses you have taken that were related to or focused on sustainability. Please include the department, course number, course title and instructor, if possible. If you have taken more than 5, please list the 5 most recent courses that you have taken.

T1\_1 How important do you think it is for members of our society to be knowledgeable about environmental issues?

* Very Important (1)
* Somewhat Important (2)
* Neutral (3)
* Not too important (4)
* Not important at all (5)

T1\_2 How important do you think it is for students in your major to understand how environmental issues relate to their field of study?

* Very Important (1)
* Somewhat Important (2)
* Neutral (3)
* Not very important (4)
* Not at all important (5)

indicate whether you believe the following statements to be true or false.

|  |  |  |
| --- | --- | --- |
|  | True | False |
| In order to be sustainable, products should be made of all natural components. | m | m |
| In order to be sustainable, a country should consume water at the same rate at which it is produced by rain and snow or at a slower rate. | m | m |
| In order to be sustainable, a country’s population should grow at a steady rate. | m | m |
| In order to be sustainable, pollution should be emitted at a level at which natural systems can absorb it, recycle it, or render it harmless. | m | m |
| All renewable energy sources are “clean” energy sources. | m | m |
| The “Tragedy of the Commons” can be potentially overcome through privatization or imposing government authority. | m | m |
| Environmental justice is commonly defined as “the fair treatment and meaningful involvement of all people regardless of race, color, sex, national origin, or income with respect to the development, implementation and enforcement of environmental laws, regulations, and policies.” | m | m |
| As a result of environmental injustice, communities of color and low-income communities in many parts of the U.S. incur greater incidence of cancer. | m | m |
| Weather means the average climate conditions in a region. | m | m |
| Climate often changes from year to year. | m | m |
| In order for a society to be sustainable, it should be able to meet the needs of the present generation without jeopardizing the ability of future generations to meet their own needs. | m | m |
| In order to be sustainable, a business should extract natural resources at the same rate at which they can be replenished or at a slower rate. | m | m |
| Social, economic, and environmental systems are interconnected and interdependent. | m | m |

Q3A Please read each of the policy descriptions below and indicate whether you believe it would make a community more sustainable, less sustainable, or would make no difference one way or the other.

|  |  |  |  |
| --- | --- | --- | --- |
|  | More Sustainable | Less Sustainable | No Difference |
| A policy that would encourage people to insulate their homes to save energy | m | m | m |
| A policy that would encourage people to purchase more goods in order to build up the economy | m | m | m |
| A policy that would encourage people to take public transportation, bicycle, or walk to work, rather than drive in their own cars | m | m | m |
| A policy that would encourage people to install low flow shower heads | m | m | m |
| A policy that would encourage people to use incandescent light bulbs in their homes, rather than compact fluorescent (CFL) or LED light bulbs | m | m | m |

Q2 To the best of your knowledge, which of the following gases in the atmosphere trap heat from the Earth’s surface? (Check any that apply)

q Carbon Dioxide

q Nitrogen

q Hydrogen

q Water vapor

q Methane

Q3B To the best of your knowledge, which of the following energy sources are renewable? (Check any that apply)

q Oil

q Natural gas [Electricity generated from natural gas]

q Wind [Electricity generated from wind]

q Solar power [Electricity generated from solar power/cells]

q Hydroelectric power [Electricity generated from hydroelectric dams]

Q4 To the best of your knowledge, which of the following natural resources are renewable? (Check any that apply)

q Iron

q Wood

q Plastic

Text For the following questions, please select what you feel is the best answer. If you are unsure, please make your best guess.

Q5 Which of the following terms refers to the idea that humans value goods or resources that will be received in the future at a lesser value than goods or resources that are available today?

m Discounting

m Pessimism

m Rate of return

m Interest

Q6 One barrier to policy progress on the issue of climate change is that:

m The impacts will likely be negligible

m This issue occurs only in certain parts of the world

m There is a lack of scientific consensus on the issue

m Most of the negative effects will occur in the distant future

Q7 A cap-and-trade system limits carbon emissions by:

m Placing a limit on how much each factory can pollute.

m Placing a limit on the total amount of emissions.

m Placing a set price on the emission of each unit of carbon.

m Placing a limit on the number of new factories that can be built.

Q8 A group of fishing boat owners share equal access to a common fishing area and are dependent upon it for their livelihoods. For each individual, it is economically rational to:

m Limit the number of fish he or she catches to ensure there will be fish to catch in the future.

m Catch all the fish he or she can to maximize the profit.

m Limit the number of fish he or she catches to ensure there everyone gets an equal share.

m Catch all the fish he or she can to eliminate the competition.

Q9 A group of fishing boat owners share equal access to a common fishing area and are dependent upon it for their livelihoods. For the group, it is economically rational to:

m Limit the number of fish they catch to ensure there will be fish to catch in the future.

m Catch all the fish they can to maximize their profit.

m Limit the number of fish they catch to ensure there everyone gets an equal share.

m Catch all the fish they can to eliminate the competition.

Q10 Which uses the most energy in an average American home each year?

m Lights

m Heating water

m Heating and cooling rooms

m Refrigeration

Q11 What do most scientists believe is the maximum ppm for atmospheric CO2 if we wish to stabilize the Earth’s temperature in the long term?

m 275 ppm

m 350 ppm

m 400 ppm

m 450 ppm

Q12 Current global climate change is:

m Caused mostly by human activities.

m Caused equally by both human activities and natural changes.

m Caused mostly by natural changes in the environment.

m None of the above because global climate change isn’t happening.

Q13 An ecosystem’s “carrying capacity” refers to:

m The amount of land currently in agricultural production.

m The number of living things the system can sustain indefinitely.

m The minimum number of species an ecosystem needs to survive.

m The amount of nutrients water a certain temperature can hold.

Q14 Climate change disproportionately impacts people earning a low income because:

m Infrastructure in developing countries can be less resilient to storms.

m People earning a low income have fewer resources to rebuild or relocate after flooding.

m People earning a low income are more likely to live in areas threatened by flooding, water scarcity and/or vector-borne disease.

m All of the above

Q15 Climate change has led to more powerful hurricanes because:

m Climate change has not lead to more powerful hurricanes.

m Warmer air mixing with cooler water produces more extreme hurricanes.

m Melting glaciers result in more rain water in hurricanes.

m Ocean water temperatures are increasing which increases the strength of hurricanes.

Q16 The “greenhouse effect” refers to:

m The response of the Earth’s climate to gases in the atmosphere that trap heat.

m The Earth’s protective ozone layer.

m Pollution that causes acid rain.

m How plants grow.

Q17 Which one of the following causes ocean acidification?

m Absorption of carbon dioxide by the ocean

m Chemical spills in the ocean

m Warmer ocean temperatures

m Natural seepages of oil and other chemicals

Q18 Which one of the following is not an example of an externality?

m A fine a company has to pay for pollution

m Harm to a worker's health

m The cost of waste disposal of a commercial by-product

m Harm to community members' health due to air pollution

Q19 "Sustainability" with regard to natural resources means:

m Using natural resources as slowly as possible.

m Only using as much as is replaced by natural processes.

m Not introducing new technology too quickly.

m Discovering new resources to allow maximum economic growth.

S11\_1 If you could choose only one issue for UCSB Sustainability to work on in the coming year, what would it be?

UCSB is a part of the UC wide Healthy Campus Network, which aims to make “UC the healthiest place to live, work, and learn”. What measures do you think UCSB should be putting into effect to achieve this goal?

S11\_2 If you have any additional feedback about the survey or UCSB's Sustainability efforts more generally, please list your feedback here.

Q91 Which best describes the device you are using right now to access the Internet?

* Which best describes the device you are using right now to access the Internet? (1)
* A traditional desktop computer (2)
* A laptop computer (3)
* A tablet (4)
* A mobile phone (5)
* Other (6) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_