

2020 Sustainability Survey Instrument

Hello Spartans!

We need your help in understanding students' views about sustainability and where you choose to live. This is an annual survey and you were randomly selected from MSU's student body to participate. We would love to hear from you!

By clicking the arrow at the bottom of this screen, you indicate that you have voluntarily agreed to participate in this study.

As university-based research, we are obligated to inform you of the following:

1. Your participation in this study is voluntary. You must be 18 years old or older in order to participate. You may choose not to participate at all, or you may refuse to answer certain questions or discontinue your participation at any time without consequences.
2. Your participation in this study is not expected to cause you any risk greater than those encountered in everyday life. Your answers will not harm you in any way. If you feel any discomfort in answering any question, you can withdraw from the study without any consequences.
3. If you have any questions about your rights as a participant, please contact Dr. Adam Zwickle by email at zwicklea@msu.edu. Further, if you have questions or concerns about your role and rights as a research participant, would like to obtain information or offer input, or would like to register a complaint about this study, you may contact, anonymously if you wish, the Michigan State University's Human Research Protection Program at 5173552180, Fax 5174324503, or email irb@msu.edu or regular mail at 4000 Collins Road, Suite 136, Lansing MI 48910.

First, please tell us a bit about yourself. We want to make sure we are hearing from all parts of Spartan Nation!

What is your current academic status?

- Freshman
- Sophomore
- Junior
- Senior

Are you a new student at MSU?

- Yes
- No

What is your current GPA, to the best of your recollection?

What is your college?

- College of Agriculture and Natural Resources
- College of Arts and Letters
- Eli Broad College of Business
- College of Communication Arts and Sciences
- College of Education
- College of Engineering
- James Madison College
- Lyman Briggs College
- College of Music
- College of Natural Science
- College of Nursing
- Residential College in the Arts and Humanities
- College of Social Science
- College of Veterinary Medicine
- Don't know

We want to learn more about where Spartans choose to live, work and play! Please answer the following questions about your living situation.

What is your current living arrangement?

- I live on campus
- I live off campus
- I live in a sorority or fraternity house

Which neighborhood do you live in?

- Brody
- North
- East
- River Trail
- South

Have you participated in any sustainability related practices in your dorm?

- Yes
- No

- Don't know

Have you heard of the campus Sustainability Pledge?

- Yes
- No

Did you take the MSU Sustainability Pledge?

- Yes
- No

Since taking the pledge have you increased your efforts to participate in the sustainability actions since taking the MSU sustainability Pledge?

- Yes
- No

There are many different things we can do as Spartans to make our campus and city more sustainable. Please indicate how often you participate in the following sustainable actions:

| | Never | Rarely | Sometimes | Often | Always |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Turn off and unplug electronics when they are not in use | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wash laundry in cold water | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Keep my shower time to 5 minutes or less | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Eat vegetarian or vegan at least once a week | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Reduce food waste by not taking more than I can eat and eating leftovers | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | Never | Rarely | Sometimes | Often | Always |
|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Practice physical distancing and wearing a mask in public | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Walking or biking to get around | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Avoid unnecessary driving | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Seek out used goods instead of buying new | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Volunteer at or tour MSU student organic farm | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

This group of questions is meant to assess what people know about science and environmental issues. Please answer to the best of your ability.

Which of the following is the best example of environmental justice?

- Urban citizens win a bill to have toxic waste taken to rural communities
- Government dams a river, flooding Native American tribal lands to create hydro-power for large cities
- All stakeholders from an indigenous community are involved in setting a quota for the amount of wood they can take from a protected forest next to their village
- Multi-national corporations build factories in developing countries where environmental laws are less strict
- Don't know

Which of the following countries passed the U.S. to become the largest emitter of the greenhouse gas carbon dioxide?

- China
- Sweden

- Brazil
- Japan
- Don't know

What is the most common cause of pollution of streams and rivers in the U.S.?

- Dumping of garbage by cities
- Surface water running off of yards, city streets, paved lots, and farm fields
- Litter near streams and rivers
- Waste dumped by factories
- Don't know

Which of the following is the most commonly used definition of sustainable development?

- Creating a government welfare system that ensures universal access to education, health care, and social services
- Building a neighborhood that is both socio-demographically and economically diverse
- Meeting the needs of the present without compromising the ability of future generations to meet their own needs
- Setting aside resources for preservation, never to be used
- Don't know

Over the past 3 decades, what has happened to the difference between the wealth of the richest and poorest Americans?

- The difference has increased
- The difference has stayed about the same
- The difference has decreased
- Don't know

Many economists argue that electricity prices in the U.S. are too low because...

- They do not reflect the costs of pollution from generating the electricity
- Too many suppliers go out of business
- Electric companies have a monopoly in their service area

- Consumers spend only a small part of their income on energy
- Don't know

Which of the following is an example of sustainable forest management?

- Setting aside forests to be off limits to the public
- Never harvesting more than what the forest produces in new growth
- Producing lumber for nearby communities to build affordable housing
- Putting local communities in charge of forest resources
- Don't know

Put the following list in order of the activities with the largest environmental impact to those with the smallest environmental impact:

A. Keeping a cell phone charger plugged into an electrical outlet for 12 hours

B. Eating one McDonald's quarter-pound hamburger

C. Eating one McDonald's chicken sandwich

D. Flying in a commercial airplane from Washington D.C. to China

- A, C, B, D
- D, A, B, C
- D, C, B, A
- D, B, C, A
- Don't know

Of the following, which would be considered living in the most environmentally sustainable way?

- Recycling all recyclable packaging
- Reducing consumption of all products
- Buying products labeled "eco" or "green"
- Buying the newest products available
- Don't know

Ozone forms a protective layer in the earth's upper atmosphere. What does ozone protect us from?

- Acid rain
- Climate change
- Sudden changes in temperature
- Harmful UV rays
- Don't know

Which of the following is the most commonly used definition of economic sustainability?

- Maximizing the share price of a company's stock
- Long term profitability
- When costs equal revenue
- Continually expanding market share
- Don't know

Which of the following is a leading cause of depletion of fish stocks in the Atlantic Ocean?

- Fishermen seeking to maximize their catch
- Reduced fish fertility due to genetic hybridization
- Ocean pollution
- Global climate change
- Don't know

This group of questions is on sustainability attitudes, please indicate how much you agree or disagree with each statement.

The well-being of others affects me.

- Strongly disagree
- Disagree
- Somewhat disagree
- Somewhat agree
- Agree
- Strongly agree

I believe that many people can work together to solve global problems.

- Strongly disagree
- Disagree
- Somewhat disagree
- Somewhat agree
- Agree
- Strongly agree

An unsustainable economy values personal wealth at the cost of others.

- Strongly disagree
- Disagree
- Somewhat disagree
- Somewhat agree
- Agree
- Strongly agree

Access to clean water is a universal human right.

- Strongly disagree
- Disagree
- Somewhat disagree
- Somewhat agree
- Agree
- Strongly agree

Equal rights for all people strengthen a community.

- Strongly disagree
- Disagree
- Somewhat disagree
- Somewhat agree
- Agree
- Strongly agree

Biological diversity in itself is good.

- Strongly disagree
- Disagree

- Somewhat disagree
- Somewhat agree
- Agree
- Strongly agree

Clean air is part of a good life.

- Strongly disagree
- Disagree
- Somewhat disagree
- Somewhat agree
- Agree
- Strongly agree

Our present consumption of natural resources will result in serious environmental challenges for generations.

- Strongly disagree
- Disagree
- Somewhat disagree
- Somewhat agree
- Agree
- Strongly agree

Community cooperation is necessary to solve social problems.

- Strongly disagree
- Disagree
- Somewhat disagree
- Somewhat agree
- Agree
- Strongly agree

I am willing to put forth a little more effort in my daily life to reduce my environmental impact.

- Strongly disagree
- Disagree

- Somewhat disagree
- Somewhat agree
- Agree
- Strongly agree

Generally speaking, consumerism is not sustainable.

- Strongly disagree
- Disagree
- Somewhat disagree
- Somewhat agree
- Agree
- Strongly agree

Finally, we would like to know a little bit more about you as a person. Please answer the following questions to the best of your ability.

When it comes to paying for university tuition and living costs, which of the following are true.

| | Yes | No |
|---|-----------------------|-----------------------|
| My parents pay most of the costs | <input type="radio"/> | <input type="radio"/> |
| I need to have a part-time job during the school year | <input type="radio"/> | <input type="radio"/> |
| I need financial aid | <input type="radio"/> | <input type="radio"/> |
| I need to take out loans | <input type="radio"/> | <input type="radio"/> |

Which of the following describes the area you come from?

- Large urban (over 100,000 residents)
- Medium urban (25,000 -- 100,000 residents)
- Small urban (2,500 - 24,999 residents)

- Rural town (< 2,500 residents)

In what year were you born?

To which gender identity do you most identify?

- Male
- Female
- Not listed

Were you born in the United States?

- Yes
- No

Do you consider yourself Latino or Hispanic?

- Yes
- No

Which of the following describes your race? You may select as many as apply.

- | | |
|---|--|
| <input type="checkbox"/> White | <input type="checkbox"/> Vietnamese |
| <input type="checkbox"/> Black or African American | <input type="checkbox"/> Guamanian or Chamorro |
| <input type="checkbox"/> American Indian or Alaska Native | <input type="checkbox"/> Samoan |
| <input type="checkbox"/> Asian Indian | <input type="checkbox"/> Native Hawaiian |
| <input type="checkbox"/> Japanese | <input type="checkbox"/> Other Asian <input type="text"/> |
| <input type="checkbox"/> Chinese | <input type="checkbox"/> Other Pacific Islander <input type="text"/> |
| <input type="checkbox"/> Filipino | <input type="checkbox"/> Other <input type="text"/> |
| <input type="checkbox"/> Korean | |

You're almost done! The past year has been a very challenging time for everyone, and we are interested in understanding how you solve issues with family, friends, and at work.

Please indicate how often you utilize each of the following strategies when dealing with challenging situations in your life.

| | Never | Seldom | Some of the Time | Often | Most of the time |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| I seek everyone's view of the situation. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| I look beyond a specific event to determine the cause of the problem. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| I include people in my peer group to find a solution. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| I think recurring patterns are more important than any one specific event. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| I think of the problem at hand as a series of connected issues. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| I consider the cause and effect that is occurring in a situation. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| I consider the relationships in my peer group. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| I think that situations are constantly changing. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| I propose solutions that do not affect specific individuals | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| I keep in mind that proposed changes can affect the whole group. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | Never | Seldom | Some of the Time | Often | Most of the time |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| I keep my goals and purpose in mind when making decisions. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| I think small changes can produce important results. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| I consider how multiple changes will affect each other. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| I think about how changes may affect different people differently. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| I recognize problems are influenced by past events. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| I consider that the same action can have different affects over time. Depending on the state of the issue at hand. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Thank you for participating, and...

GO GREEN!