Spring 2023 Student Sustainability Literacy Assessment

Stevens Institute of Technology is committed to sustainability. We recognize our responsibility to society and our planet, and in the face of the climate crisis, we must make decisions that better everyone. Given our commitment and Stevens' position as a leading university, we must prepare tomorrow's leaders to be technically proficient in sustainability.

This Sustainability Literacy Assessment will be used to gauge students' general knowledge of sustainability. It should only take a few minutes. The data collected from this assessment will guide Stevens in developing sustainability programs that improve and nurture on-campus sustainability behaviors. Summary results may be shared with the campus community, but individual results will not be shared. Please answer all questions honestly, to the best of your ability, and without outside assistance. Your participation in this survey is very important and by completing it you will have the chance to win one of five $75 Amazon gift cards. Thank you for joining us in making Stevens a more sustainable institution!

* Required

* This form will record your name, please fill your name.

1. What is your current class standing? *

○ First-year

○ Sophomore

○ Junior

○ Senior

○ Graduate Student

○ Ph.D. Student/Candidate

2. Which of the following refers to the "triple bottom line", often used by organizations in their sustainability practices? *

○ I don't know

○ People, Planet, Profit

○ Prevention, Protection, Partnerships

○ Economic growth, Compliance, Stakeholder inclusion

○ Water and waste management, Renewable energy use, Land use

3. Which of the following is an asset that nature provides, free of charge, used by humans in economic growth and development? (This term is known as "natural capital".) *

○ Concrete

○ Water

○ Glass

○ Cell phone

4. Life-cycle assessment (LCA) is a tool that evaluates the... *

○ Life expectancy of a country

○ Environmental, social and economic impact of a product or service system from conception to disposal

○ I don't know

○ Environmental impact of a product at the extraction of the raw materials used

○ Social impact a product has on a city or municipality when realized

5. The term circular economy refers to which of the following? *

○ Continually re-use resources

○ I don't know

○ Reduce the amount of items consumed

○ Send goods through a linear path of extraction, processing, manufacturing, consumption, and disposal

○ Produce goods that use less materials

6. Which of the following foods is the most carbon-intensive to produce? *

○ I don't know

○ Fruits

○ Vegetables

○ Chicken

○ Red meat

○ Fish

7. How many species go extinct each year? *

○ 1,000

○ 5,000

○ Less than 100

○ I don't know

○ Approximately 10,000

8. What is the difference between weather and climate? *

○ Climate is the long-term pattern of weather in a particular area and weather is the day-to-day state of the atmosphere

○ There is no difference between weather and climate change

○ Climate is only used when talking about climate change, while weather is used to describe day to day precipitation events

○ I don't know

○ Climate is the scientific term for weather

9. Which of the following is a renewable energy source? (Select all that apply) *

☐ I don't know

☐ Solar

☐ Coal

☐ Wind

☐ Nuclear

☐ Oil

☐ Geothermal

☐ Hydroelectric

☐ Natural gas

10. Of the following, which isn't part of the new paradigm redefining the 3 "R"s of the Zero Waste Movement? *

○ Refuse

○ Replace

○ Reuse

○ I don't know

○ Reduce

11. What is a food desert? *

○ Area where food is not grown due to climate, therefore all food must be shipped in

○ I don't know

○ Urban or rural areas without ready access to fresh, healthy, and affordable food

○ A large compost bin

○ A meal that used no water to be prepared

12. Thank you for participating in the assessment! To enter the giveaway to win a $75 Amazon gift card, please provide your email address.