

STEVENS INSTITUTE OF TECHNOLOGY

**SUSTAINABILITY
LITERACY
ASSESSMENT**

Fall 2022 Results

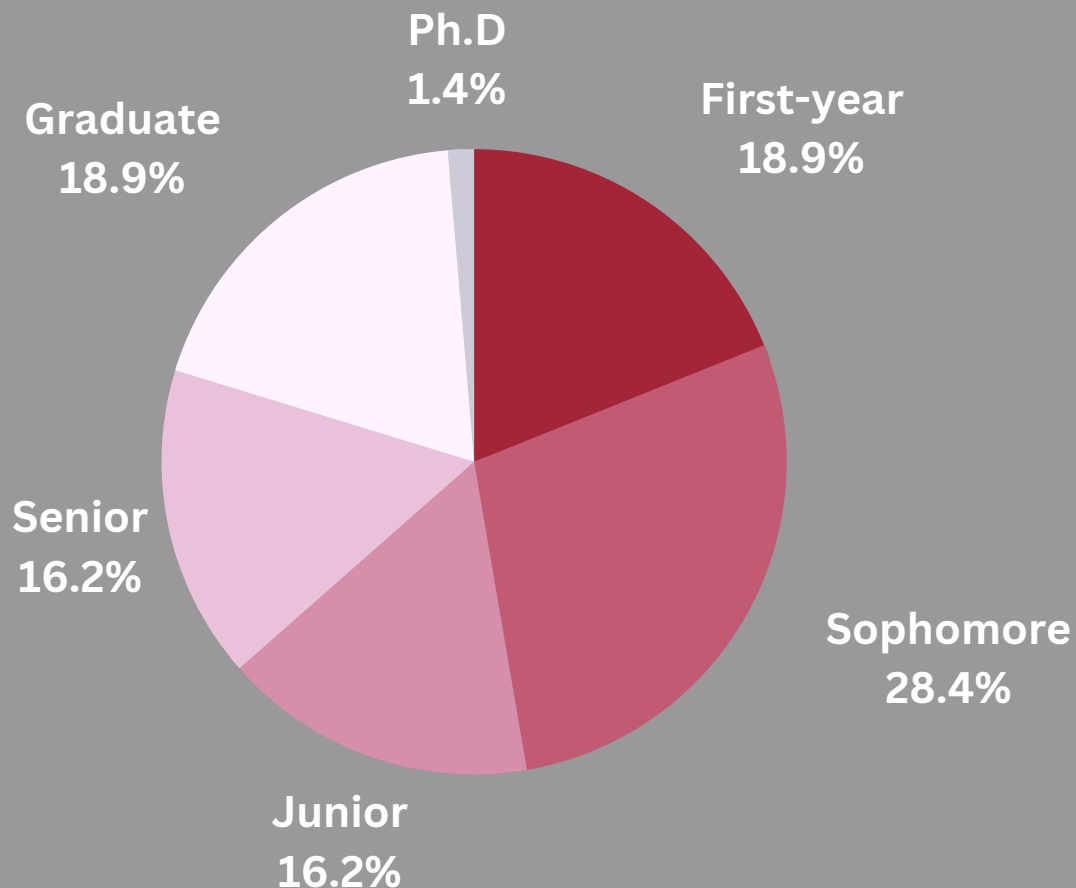


INTRODUCTION

The Sustainability Literacy Assessment focuses on the sustainability knowledge of Stevens students. Assessment results will inspire and encourage improved sustainability literacy at Stevens.

Population Assessed

Students
(year of study)



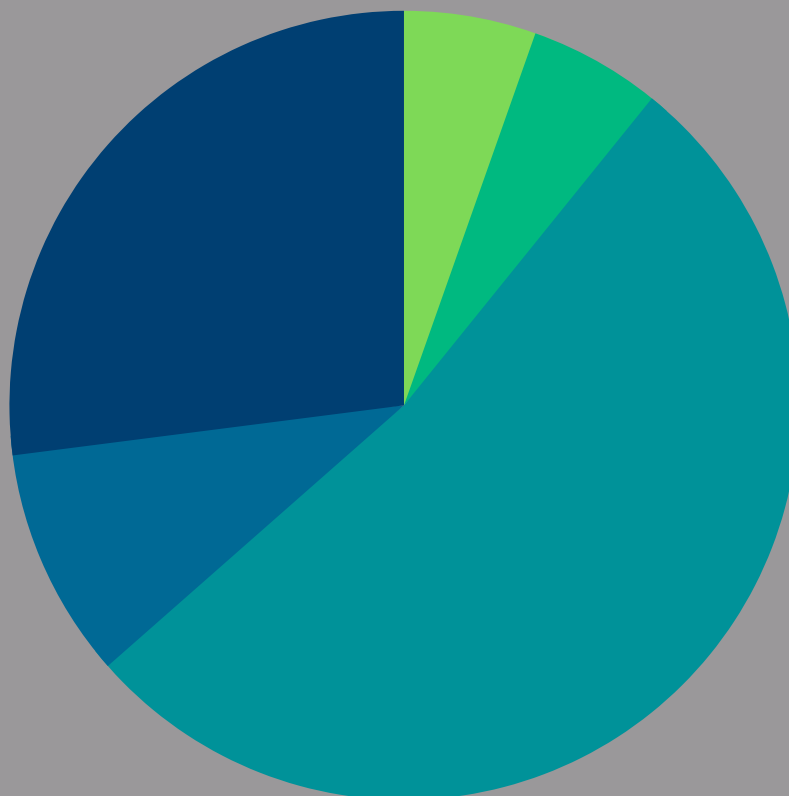
74 respondents

QUESTION 1

Which of the following refers to the “triple bottom line”, often used by organizations in their sustainability practices?

1. Economic Growth, Compliance, Stakeholder Inclusion
2. Prevention, Protection, Partnerships
3. People, Planet, Profit
4. Water and Waste Management, Renewable Energy Use, Land Use
5. I don't know

Performance

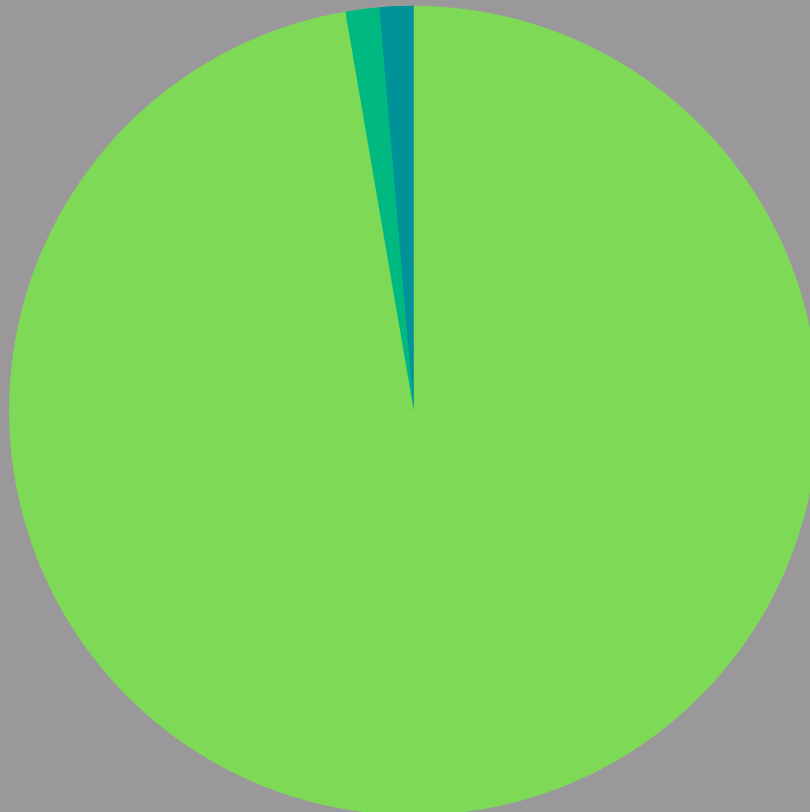


QUESTION 2

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".)

1. Water
2. Concrete
3. Glass
4. Cell phone

Performance



72 of 74 responded correctly

QUESTION 3

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

1. Environmental impact of a product at the extraction of the raw materials used
2. Environmental, social and economic impact of a product or service system from conception to disposal
3. Life expectancy of a country
4. Social impact a product has on a city or municipality when realized
5. I don't know

Performance



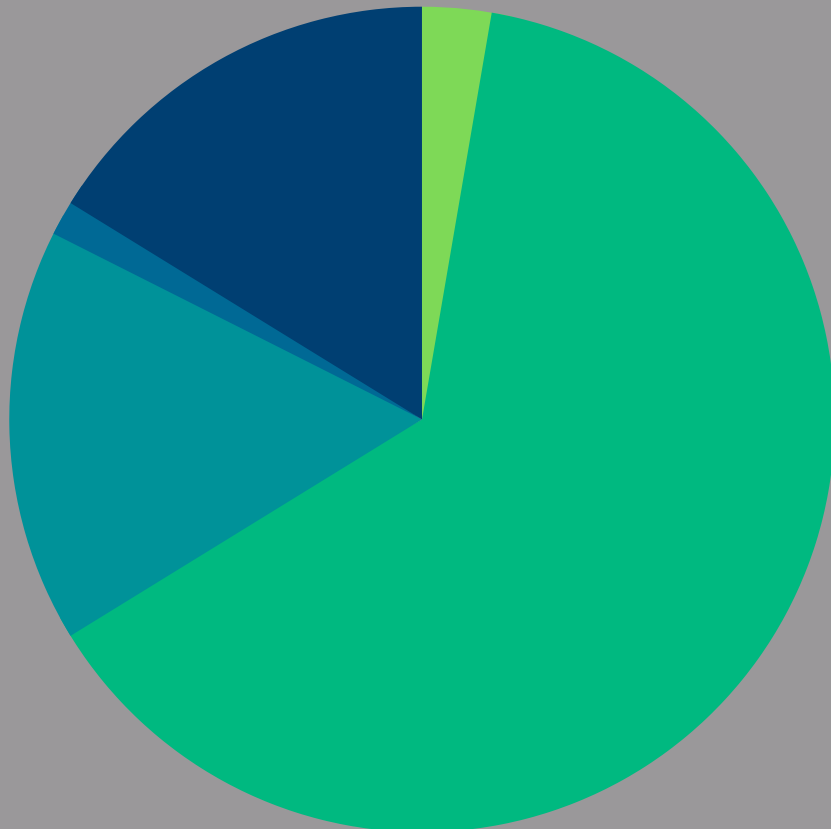
45 of 74 responded correctly

QUESTION 4

The term circular economy refers to which of the following?

1. Reduce the amount of items consumed
2. Continually re-use resources
3. Send goods through a linear path of extraction, processing, manufacturing, consumption, and disposal
4. Produce goods that use less materials
5. I don't know

Performance

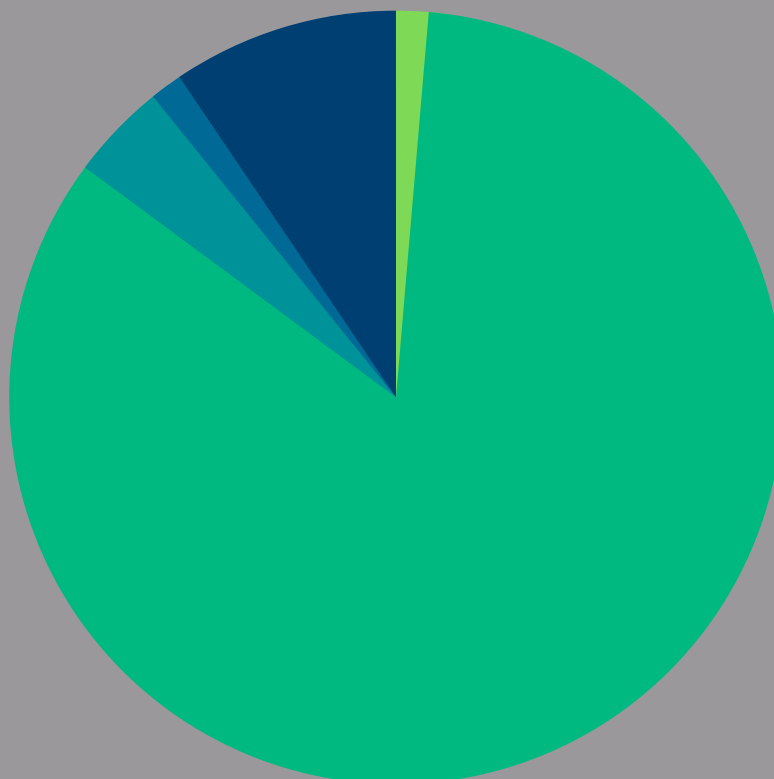


QUESTION 5

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

1. Chicken
2. Fish
3. Red Meat
4. Vegetables
5. Fruits
6. I don't know

Performance



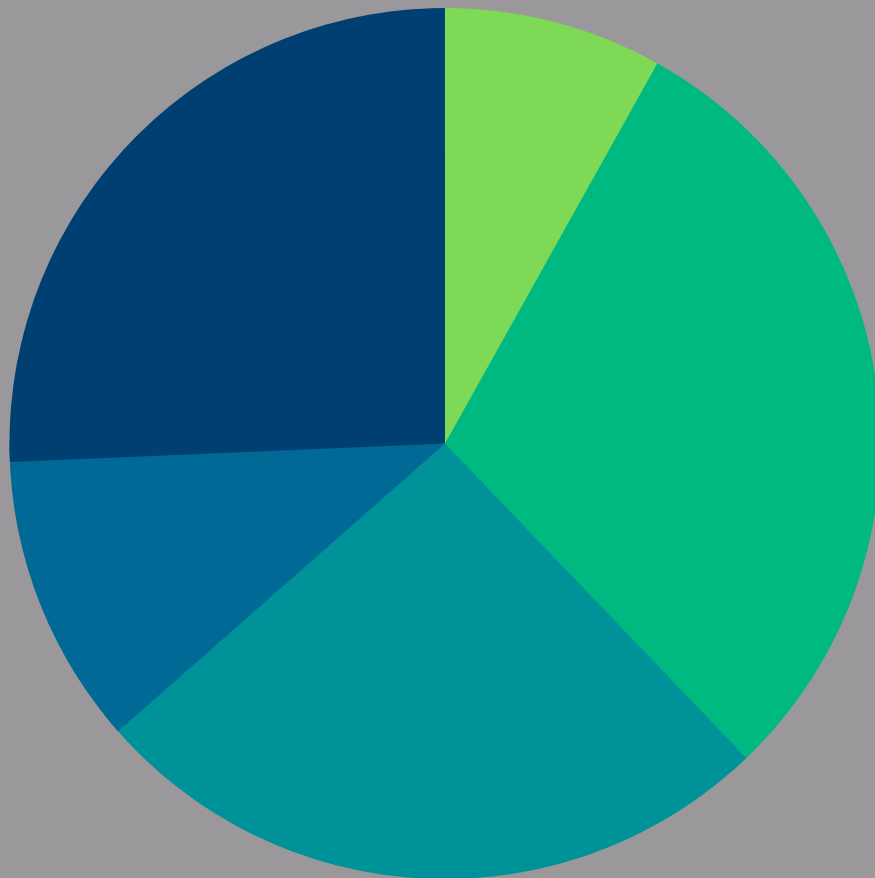
62 of 74 responded correctly

QUESTION 6

How many species go extinct each year?

1. Less than 100
2. 1,000
3. Approximately 10,000
4. 5,000
5. I don't know

Performance



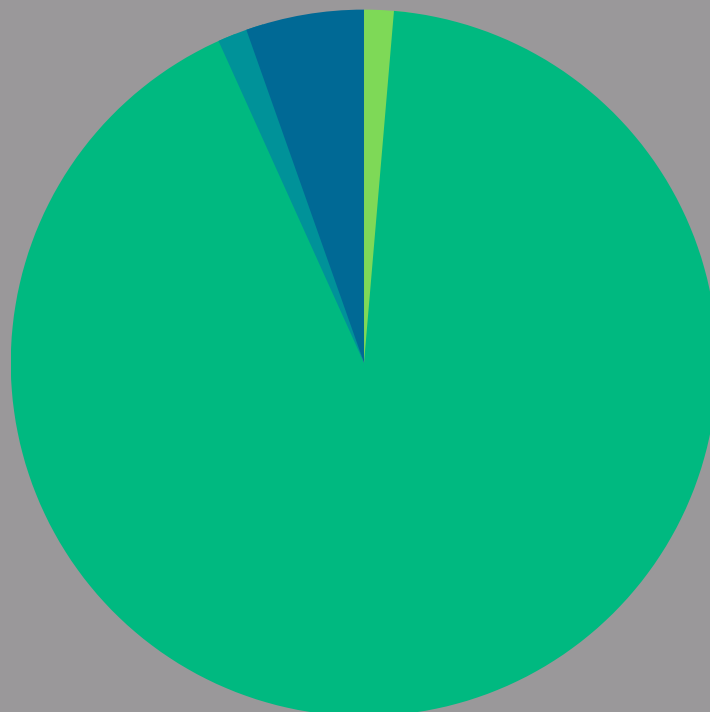
19 of 74 responded correctly

QUESTION 7

What is the difference between weather and climate?

1. There is no difference between weather and climate change
2. Climate is the scientific term for weather
3. Climate is the long-term pattern of weather in a particular area and weather is the day-to-day state of the atmosphere
4. Climate is only used when talking about climate change, while weather is used to describe day to day precipitation events
5. I don't know

Performance



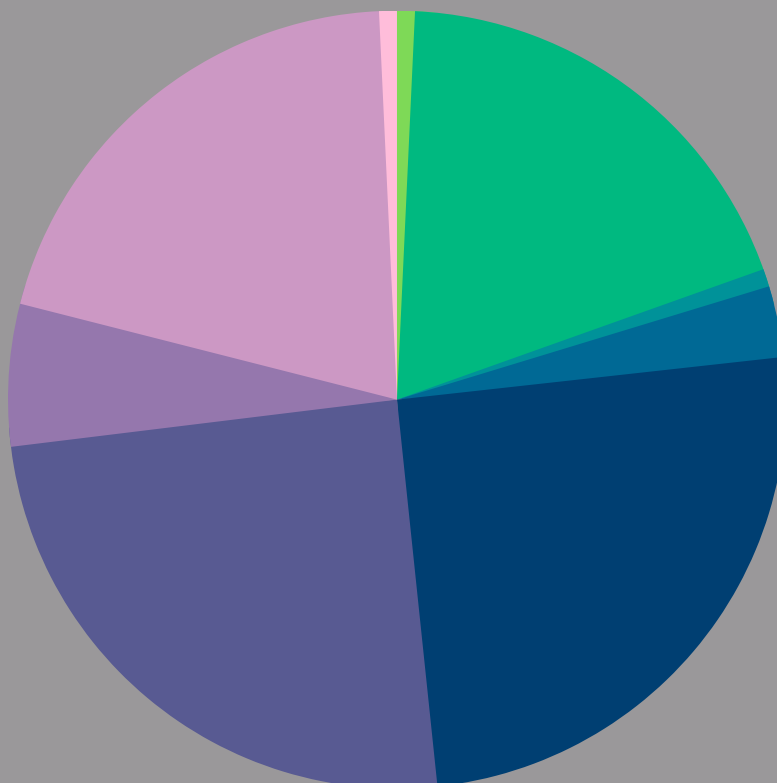
68 of 74 responded correctly

QUESTION 8

Which of the following is a renewable energy source?

1. Oil
2. Geothermal
3. Coal
4. Natural Gas
5. Wind
6. Solar
7. Nuclear
8. Hydroelectric
9. I don't know

Performance

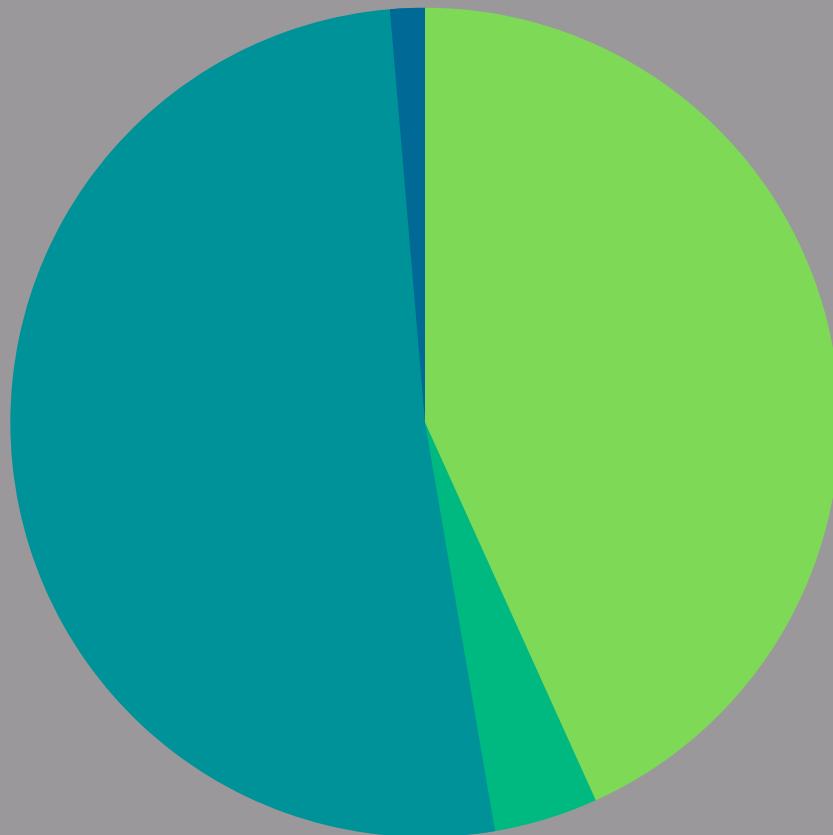


QUESTION 9

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

1. Refuse
2. Reuse
3. Reduce
4. Replace
5. I don't know

Performance



QUESTION 10

What is a food desert?

1. Area where food is not grown due to climate, therefore all food must be shipped in
2. Urban or rural areas without ready access to fresh, healthy, and affordable food
3. A meal that used no water to be prepared
4. A large compost bin
5. I don't know

Performance

