



# Environmental Systems

## Human Impact on Ecosystems

### Comprehension Questions

View the video attentively. As you watch, complete the following comprehension questions and tasks.

1. An increase in which gas is considered to be the biggest cause of the Earth's warming?

---

2. In which century did the burning of fossil fuels escalate?

---

3. Recent rises in temperatures are very alarming because it only takes small changes in heat to cause global temperatures to increase.

True

False

4. Name four of the consequences of global warming and climate change mentioned in the video.

- ---
- ---
- ---
- ---

5. Which of the following is the best definition of pollution?

- a) Contamination of a natural environment by a solid or liquid
- b) Presence of any substance not in its natural environment
- c) Negative impact of a substance introduced to an environment
- d) Harmful effects of a gas on the atmosphere

6. Pollution began around the same time as the escalation of fossil fuel burning.

True

False





# Environmental Systems

## Human Impact on Ecosystems

### Comprehension Questions

7. Many people around the world are dependent on forests to survive. Name three important things that forests provide to people.

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

8. Deforestation leads to loss of biodiversity and soil. What are three other significant effects of deforestation?

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

9. Some introduced species have little or no impact in their new environment, while others have a devastating effect. Identify five factors that could lead to an introduced species becoming a 'pest'.

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

10. Explain how international shipping can lead to accidental introductions of non-native species.

---

---

---

