

Environmental Science Fundamentals

Environmental Science · Answer Key · 8 Questions

1. In what year was the first Earth Day held, mobilizing millions of Americans for environmental reform?

- A) 1960
- B) 1970**
- C) 1980
- D) 1990

2. Which environmentalist wrote the 1962 book 'Silent Spring', which is credited with sparking the modern environmental movement?

- A) Rachel Carson**
- B) Jane Goodall
- C) John Muir
- D) David Attenborough

3. What is the approximate percentage of the Earth's surface that is covered by water?

- A) 50%
- B) 60%
- C) 71%**
- D) 85%

4. The Montreal Protocol, an international treaty to protect the ozone layer, was signed in which year?

- A) 1977
- B) 1987**
- C) 1997
- D) 2007

5. How many years does it take for a standard plastic bottle to decompose in a landfill environment on average?

- A) 50 years
- B) 150 years
- C) 450 years**
- D) 1000 years

6. Who founded the Sierra Club in 1892, serving as its first president?

- A) Gifford Pinchot
- B) Aldo Leopold
- C) John Muir**
- D) Theodore Roosevelt

7. The Kyoto Protocol, aimed at reducing greenhouse gas emissions, was adopted in which year?

A) 1992

B) 1997

C) 2002

D) 2012

8. What is the current atmospheric concentration of carbon dioxide (CO₂) in parts per million (ppm) approximately, as recorded in recent years?

A) 200 ppm

B) 320 ppm

C) 420 ppm

D) 600 ppm