

Introduction

Pre / Post Climate Literacy Assessment

I. In the blank write T for True statements and F for false statements:

1. Man is the only force, or cause for climate change. _____
2. The El Niño Southern Oscillation is part of climate change. _____
3. The magnitude and direction of climate change is the same at all locations on Earth. _____
4. Climatologists and meteorologists use the same data to predict future atmospheric conditions. _____
5. The survival of some animals is threatened by global warming. _____
6. Scientists and economists predict that there will be both positive and negative impacts from global climate change. _____
7. Freshwater is not threatened by climate change. _____
8. Incidents of extreme weather are increasing. _____
9. Infectious diseases will increase with global warming _____
10. Climatologists and meteorologists use the same data to predict future atmospheric conditions. _____

II. Complete each sentence by filling in the blank.

1. Average temperatures have increased markedly in the past 50 years, especially in the _____ Region.
2. _____ are playing an increasing role in climate change.
3. Carbon dioxide introduced into the atmosphere today may remain there for how long? _____
4. Besides historical records, scientists use natural records, such as _____.
5. Computer _____ represent the climate system and make predictions about its future behavior.
6. Most of the observed increase in global average temperatures since the latter part of the 20th century is very likely due to _____ activities.
7. Emissions from the widespread burning of _____ since the start of the Industrial Revolution have increased the concentration of greenhouse gases in the atmosphere.
8. Besides greenhouse gas _____ is a human cause for climate change.
9. Melting of _____ and _____ combined with the thermal expansion of seawater as the oceans warm, is causing sea level to rise.
10. The _____ of the ocean water is changed by absorption of carbon dioxide from the atmosphere.
11. This change in acidity threatens _____ life.

