

Climate and Greenhouse effect

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PART 3 Questionnaire KAHOOT

Climate represents weather on long terms. It is less heterogeneous than weather. Different climates appear, all dependant on sunlight : tropical, polar or even temperate climates in medium latitudes.

1- In which region does the greenhouse effect originate ?

- a) In the volcanoes
- b) In Europe
- c) In the interstellar space
- d) In the atmosphere of the Earth**

2- What is one of the consequence of the greenhouse effect ?

- a) Climate warming**
- b) A slower rotation of the Earth
- c) Earthquakes
- d) An increase in eclipses of the Sun

3- Which of these components is the intruder in the greenhouse gases ?

- a) Atmospheric water vapor
- b) Helium**
- c) Carbon dioxide
- d) Methane

4- What is the intruder in this list of properties of infrared light ?

a) A light that the eye cannot see

b) A sound wave

c) The energy lost by the Earth

d) The vector of the greenhouse effect

5- What is the difference between weather and climate

a) Climate is an average of the weather over a long period of time

b) Weather is an average of the climate over a long period

c) Climate is the weather when it is variable

d) Weather is climate when it is variable

6- Signs of climate change: finding the intruder

a) Rising sea levels

b) Change in precipitation (rain, snow, etc.)

c) Average global temperatures

d) Increase in world population

7- What has caused the climate change observed since 1970s ?

a) Human activities

b) Sun activity

c) Volcanic eruptions

d) We do not know because the climate before 1970 is unknown

8- What are the consequences of climate change ?

a) Higher temperatures

b) Lower temperatures

c) Rivers will dry out

d) Sky no longer transparent, so stars will be invisible