

Global warming

Global warming _____ (1) when the Earth retains more heat than it releases into space, resulting in an increase in the temperature of the Earth's oceans and atmosphere. This phenomenon _____ (2) due to the increase in greenhouse gases and the deterioration of the ozone layer.

Greenhouse gases _____ (3) naturally by trapping the sun's heat on Earth, preventing it from escaping back into space. Some of these gases are carbon dioxide (CO₂), methane, water vapor, and nitrous oxide. Excessive manufacturing currently unbalances the Earth's temperature, which causes problems. Large amounts of these gases _____ (4) from burning coal and oil, vehicle pollution, forest fires, and excessive livestock farming.

If the ozone layer is damaged and _____ (5) thinner, as is happening, the Earth receives more heat. Climate change causes long droughts, heavy rains, tornadoes, and rising sea levels as ice melts at the poles and snow-capped mountains. Changes in ecosystems _____ (6) the lives of many animal and plant species, causing their extinction. Crops also suffer damage and there _____ (7) food shortages.

1: Occurs – Occurred – Occurring

2: is – was – being

3: are produced – produced – produce

4: emitting – emit – are emitted

5: became- becomes – becoming

6: affecting – affects – affect

7: are – was - will