

CO2 quiz

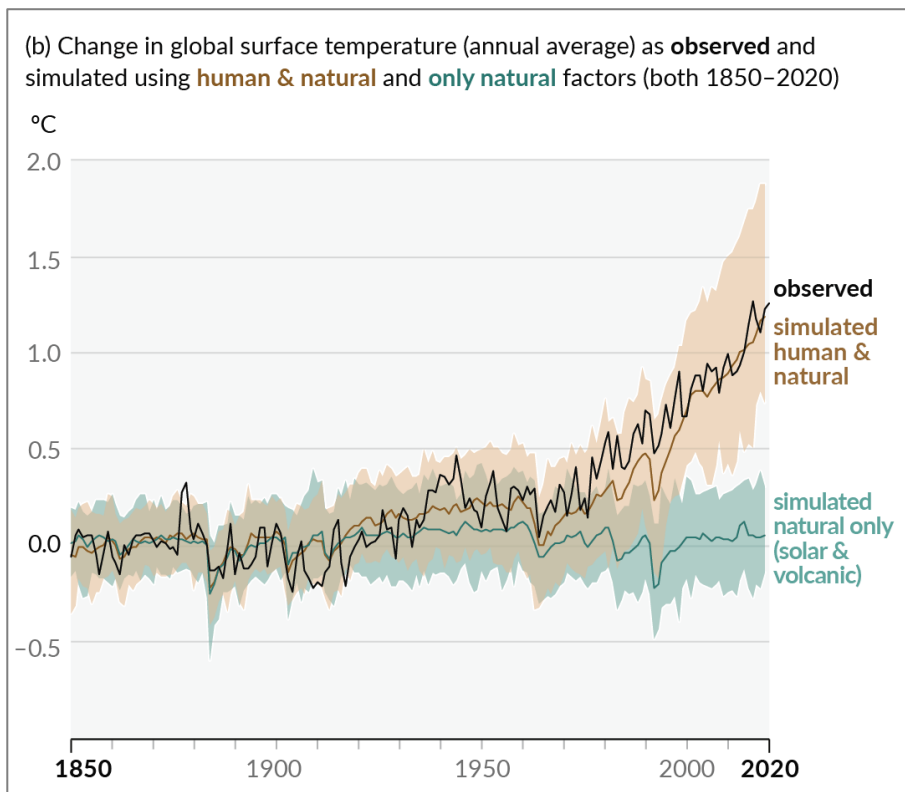
1. Climate change is a fact.

- True
 False
 I don't know

2. What do you think are the main causes for climate change?

- Sun activities
 Volcanic activities
 Human activities

3. According to this scientific graph, climate change is mainly due to:



Source: IPCC Sixth Assessment Report Working Group 1: The Physical Science Basis:

<https://www.ipcc.ch/report/ar6/wg1/figures/summary-for-policymakers/figure-spm-1> (accessed 12 July 2022)

- Solar activities
 Volcanic activities
 Human activities

4. What is the greenhouse effect?

- The greenhouse effect is a renewable source of energy.
 The greenhouse effect is a natural process that warms the Earth's surface.
 The greenhouse effect is a type of energy.

5. The main cause for the increasing level of carbon dioxide and the greenhouse effect is due to chemical transformations from the combustion of fossil fuels.

- True False I don't know

6. What is the main consequence of the greenhouse effect?

- Earth temperature decreases
 No consequences
 Earth temperature rises

7. The main cause of climate change is:

- the combustion of fossil fuels
 a hole in the ozone layer

8. What are the main greenhouse effect gases?

- Water vapour, carbon dioxide and methane
 Ozone, water vapour and methane
 Ammonia, carbon dioxide and water vapour

9. Carbon dioxide can be dissolved in the oceans.

- True False I don't know

10. What is the main consequence of increasing carbon dioxide levels in the oceans?

- Acidification of oceans
 Increase of temperature
 No consequence

11. What are the consequences of the acidification of oceans on biodiversity?

- It does not affect marine biology like shells and plankton.
 It affects marine biology like shells and plankton.