

Quiz - 1: Overview

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Started: January 26, 2009 8:31 PM

Questions: 10

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1. Attribution simulations (Points: 10)

Simulations of the 20th century using only solar and volcanic climate forcings

- a. produce more warming than observed since 1960.
- b. reproduce very well the observed global temperature changes since 1960.
- c. produce an ice age.
- d. produce less warming than observed since 1960.

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2. IPCC Reports (Points: 10)

The IPCC has produced ___ major assessment reports.

- 1. 3
- 2. 4
- 3. 6
- 4. 2

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3. IPCC Working Groups (Points: 10)

Match the IPCC Working Group number with the Group's name

Column preview

WG I	Impacts, Adaptation and Vulnerability
WG II	Mitigation of Climate Change
WG III	The Physical Science Basis

Matching pairs

WG I	<input type="text" value="- Select choice -"/>
WG II	<input type="text" value="- Select choice -"/>
WG III	<input type="text" value="- Select choice -"/>

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4. Global Mean Temperature (Points: 10)

Since 1850, the earth's global mean temperature has risen about

- 1. 0.5 degrees
- 2. 0.2 degrees
- 3. 14.5 degrees
- 4. 0.8 degrees

Save Answer

5. Projected Temperature Changes (Points: 10)

Projected warming in the 21st century is expected to be

- 1. least over the Southern Ocean and parts of the North Atlantic Ocean
- 2. greatest in the tropical rainforests
- 3. greatest over the oceans
- 4. greatest over land and at most high northern latitudes
- 5. least over southern Europe and the Middle East

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6. Structural Uncertainty (Points: 10)

Examples of structural uncertainty include

- 1. chaotic behavior of the climate system
- 2. incomplete conceptual frameworks
- 3. overlooked processes
- 4. inaccurate observations
- 5. projections of human behavior

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7. IPCC Likelihood (Points: 10)

If an IPCC reports says the likelihood of a specific climate change is "very likely", this means there is a greater than % chance of it occurring.

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8. Projected Precipitation Changes (Points: 10)

The IPCC AR4 projects that precipitation increases are very likely

- 1. over Australia

- 2. over Africa
- 3. in high latitudes
- 4. in the tropics

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9. Arctic Warming (Points: 10)

From the late 19th century to the beginning of the 21st century, the warming of the Arctic is triple the average warming of the globe.

- True False

Save Answer

10. Drought changes (Points: 10)

Drought is ___ in most places

- 1. increasing
- 2. decreasing
- 3. unchanged
- 4. not occurring

Save Answer

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