



Climate Crisis Endangers Earth's Vital Signs

Description

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A group of famous scientists say the world is in big trouble because of climate change. They warn that Earth is facing a global emergency. The report is led by William Ripple from Oregon State University. Other well-known experts like Michael Mann and Naomi Oreskes also helped write it. They looked at many signs of the changing climate.

The report says that many things are getting worse. Greenhouse gas levels are high, and forests are disappearing. The number of people and animals on Earth is increasing. All of this is causing more heat, rising sea levels, and more extreme weather. But there is some good news too.

More people are using solar and wind energy. Some are also stopping investments in fossil fuels. However, the scientists believe we need to do much more to prevent serious damage to our planet.

This report is a strong warning about the urgent need to take action before it's too late.

Vocabulary List:

1. **Emergency** /ɪ'mɜːr.dʒən.si/ (noun): A serious unexpected and often dangerous situation requiring immediate action.
2. **Greenhouse** /'ɡriːn.haʊs/ (noun): A building made of glass that is used for growing plants by trapping heat from the sun.
3. **Rising** /'raɪ.zɪŋ/ (adjective): Increasing in level or position; moving upward.
4. **Extreme** /ɪk'striːm/ (adjective): Very large in amount or degree; going beyond what is usual or expected.
5. **Fossil Fuels** /'fɔːs.əl 'fjuː.əl/ (noun): Natural substances such as coal oil and natural gas formed from the remains of ancient plants and animals.
6. **Prevent** /prɪ'vent/ (verb): To stop something from happening or arising.

Comprehension Questions

Multiple Choice

1. Who led the climate report mentioned in the text?

- Option: William Ripple
- Option: Michael Mann
- Option: Naomi Oreskes
- Option: Ratan Naval Tata

2. What are some of the consequences mentioned in the climate report?



- Option: Rising sea levels
- Option: Decreasing greenhouse gas levels
- Option: Increasing forest cover
- Option: Cooler global temperatures

3. What positive developments are highlighted in the climate report?

- Option: Increased investments in fossil fuels
- Option: Decline in the use of solar and wind energy
- Option: More people utilizing solar and wind energy
- Option: No effects of climate change observed

4. Which university is William Ripple associated with?

- Option: Oregon State University
- Option: Harvard University
- Option: Stanford University
- Option: Yale University

5. What do the scientists believe needs to be done to prevent serious damage to the planet?

- Option: Increase investment in fossil fuels
- Option: Take no further action
- Option: Continue current practices
- Option: Do much more

6. Who are some of the well-known experts mentioned in the report?

- Option: William Ripple
- Option: Michael Jackson
- Option: Naomi Campbell
- Option: Naomi Oreskes

True-False

- 7. The report led by William Ripple warns of a global emergency.
- 8. Investments in fossil fuels are no longer a concern according to the report.
- 9. The number of people and animals on Earth is decreasing according to the report.
- 10. The scientists believe that current actions are sufficient to prevent serious damage to the planet.



11. More people are using solar and wind energy according to the report.
12. The climate report emphasizes the need for urgent action.

Gap-Fill

13. The group of famous scientists warn that Earth is facing a global emergency due to _____ change.
14. According to the report, greenhouse gas levels are _____ .
15. The scientists believe more needs to be done to prevent serious _____ to our planet.
16. The report is a strong _____ about the urgent need to take action before it's too late.
17. The number of people and animals on Earth is _____ .
18. More people are using _____ and wind energy according to the report.

Answer

Multiple Choice: 1. William Ripple 2. Rising sea levels 3. More people utilizing solar and wind energy
4. Oregon State University 5. Do much more 6. Naomi Oreskes

True-False: 7. True 8. False 9. False 10. False 11. True 12. True

Gap-Fill: 13. climate 14. high 15. damage 16. warning 17. increasing 18. solar

Vocabulary quizzes

Multiple Choice (Select the Correct answer for each question.)

1. Which type of crime involves the use of computers or the internet?
Option: A. Cybercrime
Option: B. Homicide
Option: C. Robbery
Option: D. Arson
2. What is a sudden and unexpected situation that requires immediate action?



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- Option: A. Emergency
Option: B. Routine
Option: C. Normalcy
Option: D. Predictable
3. Which structure is designed to help plants grow by capturing sunlight and trapping heat?
Option: A. Warehouse
Option: B. Greenhouse
Option: C. Stable
Option: D. Silo
4. What is a severe tropical storm with strong winds and heavy rain?
Option: A. Typhoon
Option: B. Hurricane
Option: C. Tornado
Option: D. Blizzard
5. What are natural fuels formed from the remains of living organisms?
Option: A. Solar Energy
Option: B. Nuclear Energy
Option: C. Fossil Fuels
Option: D. Wind Power
6. A set of connected things or parts forming a complex whole.
Option: A. Isolation
Option: B. System
Option: C. Fragment
Option: D. Disarray
7. What is another term for dampness or water content in the air or soil?
Option: A. Aridity
Option: B. Humidity
Option: C. Searing
Option: D. Barrenness
8. Which mineral is often used in electronics and watches due to its piezoelectric properties?
Option: A. Quartz
Option: B. Diamond
Option: C. Emerald
Option: D. Topaz
9. What activity involves extracting valuable minerals or other geological materials from the earth?
Option: A. Farming



- Option: B. Mining
- Option: C. Construction
- Option: D. Fishing

10. The ability or permission to enter or obtain something is known as:

- Option: A. Inhibition
- Option: B. Access
- Option: C. Prohibition
- Option: D. Limitation

Gap-Fill (Fill in the blanks with the correct word from the vocabulary list.)

- 11. _____ is gained through involvement in events or activities.
- 12. Natural _____ such as earthquakes and tsunamis can cause widespread damage.
- 13. The process of setting up or putting something in place is called _____.
- 14. In situations of _____ people's behavior can vary greatly.
- 15. Safety measures can help to _____ accidents in the workplace.
- 16. The court issued a _____ on the legality of the new law.
- 17. There are certain _____ in place to regulate access to sensitive information.
- 18. Some online services offer _____ recommendations based on your browsing history.
- 19. The environmental _____ fought for stricter regulations on carbon emissions.
- 20. _____ is a commonly used material in the production of semiconductors.
- 21. Some individuals have _____ data stored on their devices that must be protected.

Matching Sentences (Match each definition to the correct word from the vocabulary list.)

22. Engaging in illegal activities or behavior that is punishable by law.
23. A person's education experience and previous actions or history.
24. An event occurrence or situation that is noteworthy or concerning.



25. Providing goods or services to fulfill a demand or need.
26. An unexpected situation requiring immediate action or attention.
27. The potential effects consequences or outcomes of a certain action or event.
28. The presence of water or dampness in the air or on surfaces.
29. A severe tropical storm with strong winds and heavy rainfall.
30. Vessels used for melting substances at high temperatures.
31. The right or ability to enter or use something.

Answer

Multiple Choice: 1. A. Cybercrime 2. A. Emergency 3. B. Greenhouse 4. B. Hurricane 5. C. Fossil Fuels 6. B. System 7. B. Humidity 8. A. Quartz 9. B. Mining 10. B. Access

Gap-Fill: 11. Experience 12. Disasters 13. Installation 14. Extremes 15. Prevent 16. Ruling 17. Restrictions 18. Personalized 19. Campaigner 20. Silicon 21. Sensitive

Matching sentence: 1. Criminal 2. Background 3. Incident 4. Supply 5. Emergency 6. Implications 7. Moisture 8. Hurricane 9. Crucibles 10. Access

CATEGORY

1. Sci/Tech - LEVEL1

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Author

aimeeyoung99