



Microsoft Outages Caused by CrowdStrike Glitch: Impact on Airlines and Businesses

Description

Arctic sea ice extent witnessed a substantial decline over the past decade, as reported by a renowned scientific study. The research, published in a prestigious journal, unveils alarming consequences of this trend on the fragile Arctic ecosystem.

The data reveals that sea ice cover has diminished at an unprecedented rate since the early 2000s, with the most significant losses occurring in the summer months. These dramatic changes pose a grave threat to the flora and fauna that depend on the ice for their survival, including polar bears, seals, and various bird species.

Furthermore, the dwindling ice cover in the Arctic has far-reaching implications for global climate patterns. The loss of the reflective surface of the ice contributes to a rise in sea temperatures, leading to disruptions in ocean currents and weather systems around the world.

The findings of the study underscore the urgent need for international cooperation to address the challenges posed by climate change in the Arctic. Measures such as reducing greenhouse gas emissions and promoting sustainable practices are crucial in mitigating the impacts of melting sea ice on the environment.

Scientists warn that if current trends continue, the Arctic could be ice-free during the summer months within the next few decades. This unprecedented scenario would not only have devastating consequences for the unique biodiversity of the region but also exacerbate climate change on a global scale.

In conclusion, the study highlights the pressing need for immediate action to combat the effects of melting sea ice in the Arctic. It is imperative that policymakers, scientists, and the public come together to address this critical issue before it is too late. Only through concerted efforts can we hope to preserve the delicate balance of the Arctic ecosystem and protect the planet for future generations.

Vocabulary List:

1. **Substantial** /səb'stænfəl/ (adjective): Of considerable importance size or worth.
2. **Diminished** /dɪ'mɪnɪʃt/ (verb): Made less in size extent or importance.
3. **Ecosystem** /'iː.koʊ.sɪs.təm/ (noun): A biological community of interacting organisms and their physical environment.
4. **Implications** /ˌɪmplɪ'keɪʃənz/ (noun): Possible effects or results of an action or a decision.
5. **Mitigating** /'mɪtɪ,ɡetɪŋ/ (verb): Making less severe serious or painful.
6. **Exacerbate** /ɪg'zæs.ə.beɪt/ (verb): To make a problem bad situation or negative feeling worse.



Comprehension Questions

Multiple Choice

1. Which ecosystem is experiencing a substantial decline in sea ice extent?
Option: Tropical rainforest ecosystem
Option: Arctic ecosystem
Option: Desert ecosystem
Option: Oceanic ecosystem
2. During which time period has the sea ice cover in the Arctic diminished at an unprecedented rate?
Option: Since the 1990s
Option: Since the 1980s
Option: Since the early 2000s
Option: Since the mid-2010s
3. Which of the following animals is mentioned as being threatened by the declining sea ice cover?
Option: Tigers
Option: Penguins
Option: Polar bears
Option: Elephants
4. What are the implications of the loss of reflective surface of the sea ice on global climate patterns?
Option: Decrease in sea temperatures
Option: Increase in ocean currents
Option: No effect on weather systems
Option: Rise in sea temperatures
5. What is the primary call to action highlighted in the study?
Option: Invest in space exploration
Option: Reduce greenhouse gas emissions
Option: Increase fossil fuel consumption
Option: Ignore climate change issues
6. What could happen within the next few decades if current trends in the Arctic continue?
Option: Increase in sea ice extent
Option: Formation of new icebergs



Option: Arctic could be ice-free during summer months

Option: Start of an ice age

Answer

Multiple Choice: 1. Arctic ecosystem 2. Since the early 2000s 3. Polar bears 4. Rise in sea temperatures
5. Reduce greenhouse gas emissions 6. Arctic could be ice-free during summer months

Vocabulary quizzes

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

1. Which term best describes a situation that has never been experienced before?

Option: A. Unprecedented

Option: B. Equitable

Option: C. Resilience

Option: D. Mitigating

2. What term refers to the action of keeping something harmful under control or within limits?

Option: A. Equitable

Option: B. Containment

Option: C. Solidarity

Option: D. Mitigate

3. Which term describes the ability to recover quickly from difficulties?

Option: A. Resilience

Option: B. Intensify

Option: C. Apprehending

Option: D. Crucial

4. What word means understanding or perceiving something?

Option: A. Sustainable

Option: B. Apprehending

Option: C. Revelation

Option: D. Solidarity

5. Which term denotes fairness and impartiality?

Option: A. Equitable

Option: B. Resilience

Option: C. Empirical



Option: D. Substantial

6. What term refers to the process of deteriorating or being impaired?

- Option: A. Degradation
- Option: B. Catastrophic
- Option: C. Diminished
- Option: D. Implications

7. Which term relates to the ability to be maintained at a certain rate or level?

- Option: A. Sustainability
- Option: B. Mitigate
- Option: C. Exacerbate
- Option: D. Intensify

8. What term refers to information based on observation and experience?

- Option: A. Vigilant
- Option: B. Empirical
- Option: C. Mitigating
- Option: D. Resilience

9. Which term describes a community of living organisms in conjunction with the nonliving components of their environment?

- Option: A. Ecosystem
- Option: B. Mitigating
- Option: C. Exacerbate
- Option: D. Substantial

10. What term means of considerable importance size or worth?

- Option: A. Meticulously
- Option: B. Substantial
- Option: C. Diminished
- Option: D. Resilience

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

11. Efforts to _____ the impact of climate change are becoming increasingly urgent.

12. Failure to act promptly may _____ the existing problems.

13. In today's world it is crucial to remain _____ to new challenges and threats.



14. The details of the plan were planned out _____ to ensure no errors occurred.
15. Ignoring the warnings could potentially _____ the situation further.
16. Effective strategies for _____ the risks must be established.
17. The role of education is _____ in shaping the future generations.
18. The _____ of the research findings changed the entire perspective.
19. Over time the interest in the project _____ due to lack of progress.
20. The study aims to investigate the potential _____ of the new policy reforms.

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

21. In times of crisis it is essential for communities to come together and support each other.
22. The ability to adapt to changing circumstances is a key factor in overcoming challenges.
23. Efforts aimed at reducing the negative impacts of certain actions or events can help protect the environment.
24. The earthquake had a severe and devastating impact on the region leading to widespread destruction.
25. A fair and just distribution of resources ensures that everyone has access to basic needs.
26. The conflict between the two nations continued to escalate causing concerns about a potential war.
27. Practices that support long-term environmental balance contribute to the concept of sustainable development.
28. The rapid industrialization led to the degradation of natural habitats and loss of biodiversity.
29. Scientists rely on empirical evidence gathered through experiments and observations to support their hypotheses.
30. The company made a substantial investment in research and development to drive innovation.



Answer

Multiple Choice: 1. A. Unprecedented 2. B. Containment 3. A. Resilience 4. B. Apprehending 5. A. Equitable 6. A. Degradation 7. A. Sustainability 8. B. Empirical 9. A. Ecosystem 10. B. Substantial

Gap-Fill: 11. mitigate 12. intensify 13. vigilant 14. meticulously 15. exacerbate 16. mitigating 17. crucial 18. revelation 19. diminished 20. implications

Matching sentence: 1. Solidarity 2. Resilience 3. Mitigating 4. Catastrophic 5. Equitable 6. Intensify 7. Sustainability 8. Degradation 9. Empirical 10. Substantial

CATEGORY

1. Business - LEVEL6

Date Created

2024/07/20

Author

aimeeyoung99

ESL-NEWS.COM