

Global Warming to Shrink Fish by 24%

The size of fish in the oceans is shrinking. A new report from the University of British Columbia in Canada states fish may shrink by as much as a quarter in the coming decades because of global warming. The research team conducted extensive tests on the effect of rising ocean temperatures on the size and number of over 600 species of fish around the world. They concluded that most fish are likely to shrink in size by 14-24 per cent by the year 2050. The biggest changes will be seen in tropical regions. The scientists said there is less oxygen in warmer water so fish cannot grow at the rate they should. They added that many fish will migrate to cooler waters outside the tropics.

Lead researcher Professor William Cheung said: "We were surprised to see such a large decrease in fish size. Marine fish are generally known to respond to climate change through changing distribution and seasonality. But the unexpectedly big effect that climate change could have on body size suggests that we may be missing a big piece of the puzzle of understanding climate change effects in the ocean." He added that human activities such as overfishing and pollution will worsen the problem: "Our work shows a very concerning future for the oceans and so it is very important to reduce greenhouse gas emissions and develop better fish management policies to adapt to these changes," he said.

Listening

Decide if the statements below are true (T) or false (F) and circle the correct option.

- a. A report says all fish will shrink by 24 per cent within decades. T / F
- b. Researchers did tests on more than 600 different types of fish. T / F
- c. Scientists say fish sizes will change mostly in the polar regions. T / F
- d. The research predicts many fish will relocate outside of tropical areas. T / F
- e. The head researcher was not surprised at the figures in his research. T / F
- f. The researcher said marine fish do respond to changes in temperature. T / F
- g. He suggested human activities are not making things better. T / F
- h. He suggested humans needed to change the way they fish. T / F

Translate into Bulgarian.

Wind is the movement of air from an area of high pressure to an area of low pressure. In fact, wind exists because the sun heats the surface of the Earth more in some places than in others. When hot air rises, cooler air moves in to fill the emptied space. As long as the sun shines, the wind will blow. And as long as the wind blows, people will use it in their lives.

Ancient seamen used sails to catch the wind and travel around the world. Farmers once used windmills to make flour and pump water. Today, more and more people are using wind turbines to produce electricity from the breeze. In the last ten years, the use of wind turbines has increased with more than 75 percent. Still, it only provides a small part of the world's energy.

Wind turbines can be as tall as a 20-floor building and have three 60-meter-long blades, which are turned by the wind. The biggest wind turbines can produce enough electricity for about 600 homes. Tens and

sometimes hundreds of these turbines are put up together in very windy spots.

Wind is a clean source of renewable energy that produces no air or water pollution. Mass production and technological innovations are making turbines cheaper. And because wind is free, the cost of generating electricity from it is nearly zero.

Some people think wind turbines are ugly and complain about the noise the machines make. The slowly rotating blades can also kill birds and bats, but not as many as cars, electric power lines, and high buildings do.

Circle the correct option.

1. They happy to stay longer in Hawaii, but they got an emergency call regarding their children.

- a) would have been b) would be c) will be

2. I hope he his debt by the end of the year, otherwise the interest rate will increase.

- a) will be paying b) will have paid c) will pay

3. Could you tell me where?

- a) the bus station is b) is the bus station c) was the bus station

4. He denied her on the evening of the crime.

- a) to see b) on seeing c) seeing

5. Mary and Tom each other for a long time before they decided to get married.

- a) had known b) have known c) knew

6. She's hopeless drawing.

- a) at b) in c) with

7. I haven't seen any of my colleagues

- a) in a month's time b) over the last month c) last month

8. I can't that nonsense any longer.

- a) put off with b) put up with c) put on with

9. Go through your essay once again to there are no spelling mistakes.

- a) make sure b) insure c) reassure

10. He was expelled from school because punching classmates is behavior.

- a) intolerable b) unbearable c) inendurable

11. This textile has definitely been It was a much brighter colour before.

- a) died b) dyed c) dighted

12. There is usually of water in the summer because of irrigation.

- a) shortage b) shortness c) shortity

13. We together since we were in high school.

- a) are b) are being c) 've been

14. Where have you been? here for hours.

- a) I've waited b) I'm waiting c) I've been waiting

15. It that the new solar project has saved a lot of money.

- a) was proved b) has been proved c) is proved

16. professor do you admire the most?
a) Who b) Which c) Whom
17. My friends wanted to know to Italy.
a) whether we'd been b) had we been c) have we been
18. The holiday was
a) absolutely disastrous b) completely bad c) absolutely bad
19. the house, they decided to go abroad.
a) Having sold b) On selling c) Selling
20. She can't afford to go on holiday this summer. She
a) redecorated her house b) has redecorated her house c) is having her house redecorated
21. "Shall I write to Harry and invite him to the birthday party?" "I'd rather you"
a) won't do b) don't c) didn't
22. I told you not to touch the stove. You yourself.
a) would burn b) could have burnt c) must have burnt
23. "I'm going to Italy to visit my brother and to do some sightseeing." "That's to kill two"
a) rabbits with one bullet b) hares with one rifle c) birds with one stone
24. When I was a child I long hair.
a) would have b) used to have c) didn't used to have
25. some point, we'll have to tell him the truth.
a) In b) At c) On
26. I'm tired of watching football every night. Let's go to the cinema a change.
a) for b) on c) to
27. I had an appointment which at 9 but unfortunately I was late.
a) is supposed to be b) supposed to be c) was supposed to be
28. That was performance I've ever seen.
a) far better b) by far the best c) a lot better
29. being a millionaire, Steven never spends any money.
a) In spite b) However c) Despite
30. Brian took me to a wonderful café serves some great smoothies.
a) that b) where c) who