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# BBC LEARNING ENGLISH

## Media English 媒体英语

### Acidic oceans will affect sea life

### 酸化海洋将威胁海洋生物

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最新研究称，现代社会排放的二氧化碳不仅是全球气候变暖的主要原因，更是增加了海洋的酸性，进而威胁海洋生命。科学家研究了酸化海对不同生命阶段的海洋生物的影响以及其对海洋食物链的影响。请听报道。

CO2 emissions are warming the planet. They're also being **soaked up** by the oceans, and because CO2 is **mildly acidic**, that's turning sea water more acidic. Since the beginning of the industrial revolution, ocean **acidity** has increased by around a **quarter**.

This huge study concludes that some **organisms** may benefit from this change, but others will be harmed, and all life in the sea will be affected by the resulting shifts in the **food web**.

Baby **cod** appear highly sensitive to the changing ocean chemistry expected this century. The report projects that the number of cod growing to **maturity** will shrink to just a quarter of the current level.

The German-based research programme also indicates that changes brought about by **acidification** will be made worse by climate change pollution and coastal development.

## 词汇表

<b>soaked up</b>	(被) 吸收
<b>mildly</b>	略微地
<b>acidic</b>	酸的, 酸性的
<b>acidity</b>	酸度, 酸性
<b>quarter</b>	四分之一
<b>organisms</b>	生物体; 微生物
<b>food web</b>	食物网, 食物链
<b>cod</b>	鳕鱼
<b>maturity</b>	成熟期, 成熟
<b>acidification</b>	酸化

## 测验

请听报道并回答下列问题。

1. How does CO<sub>2</sub> acidify the ocean?
2. How much has ocean acidity increased since the beginning of the industrial revolution?
3. True or false: *This study believes that all organisms in the sea will benefit from the change in ocean acidity.*
4. True or false: *The German-based research programme also indicates that changes brought about by acidification will be improved by climate change pollution and coastal development.*

## 答案

1. How does CO<sub>2</sub> acidify the ocean?  
**CO<sub>2</sub> emissions are soaked up by the oceans and because CO<sub>2</sub> is mildly acidic, that's turning sea water more acidic.**
2. How much has ocean acidity increased since the beginning of the industrial revolution?  
**Since the beginning of the industrial revolution, ocean acidity has increased by around a quarter.**
3. True or false: *This study believes that all organisms in the sea will benefit from the change in ocean acidity.*  
**False. According to the article, this study concluded that some organisms may benefit from this change, but others will be harmed.**
4. True or false: *The German-based research programme also indicates that changes brought about by acidification will be improved by climate change pollution and coastal development.*  
**False. According to the article, the German-based research programme also indicates that changes brought about by acidification will be made worse by climate change pollution and coastal development.**