



# Ocean acidification

A message from  
**Cancún**

## Ocean Acidification

A direct consequence of increased atmospheric CO<sub>2</sub>, threatening society, the oceans and wildlife



# Ocean Acidification

## How might this affect us?

- Changes in ocean chemistry; altering biological systems, processes and reactions
- Reduction in the oceans' ability to absorb further atmospheric CO<sub>2</sub>
- Loss of ocean benefits to mankind, including food security for millions of people
- Marine life ranging from shellfish to corals under possible threat
- Changing patterns of species distributions and interactions likely

## What Next?

**Oceans are acidifying** - those responsible for the marine environment, health, economic and food security need to become more aware of the consequences of ocean acidification

**Represented on the Ocean Acidification stand at the UNFCCC COP 16 is a selection of the programmes and scientists working together to tackle and prepare for this globally significant challenge. To find out more about ocean acidification and/or to become involved please contact any of the below:**

UK Ocean Acidification Research Programme (UKOARP) and Plymouth Marine Laboratory

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