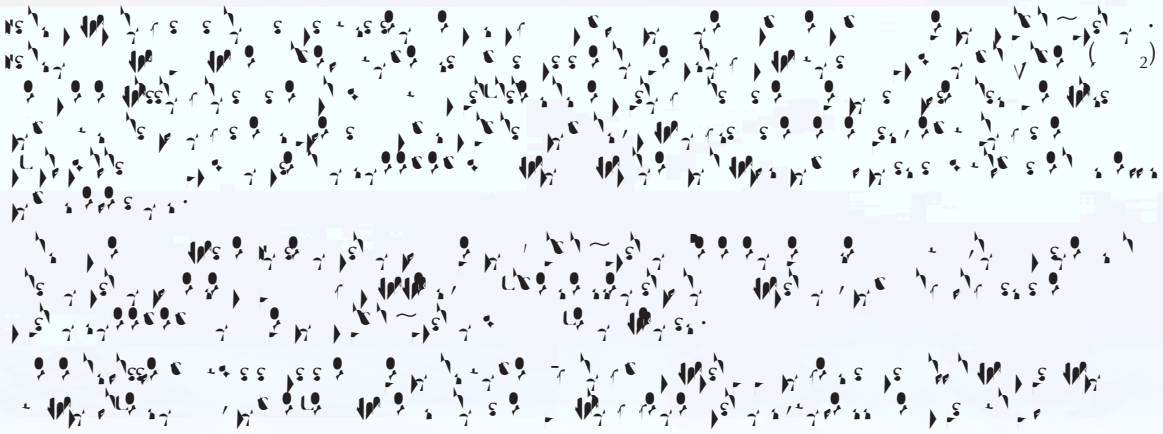
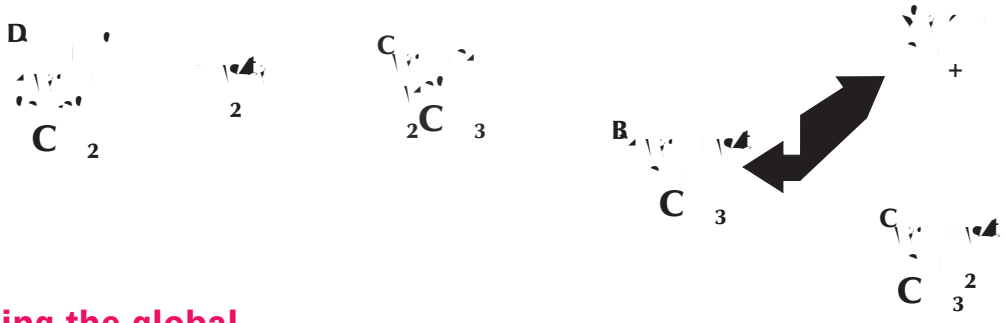
Updating what we know about ocean acidification and key global challenges



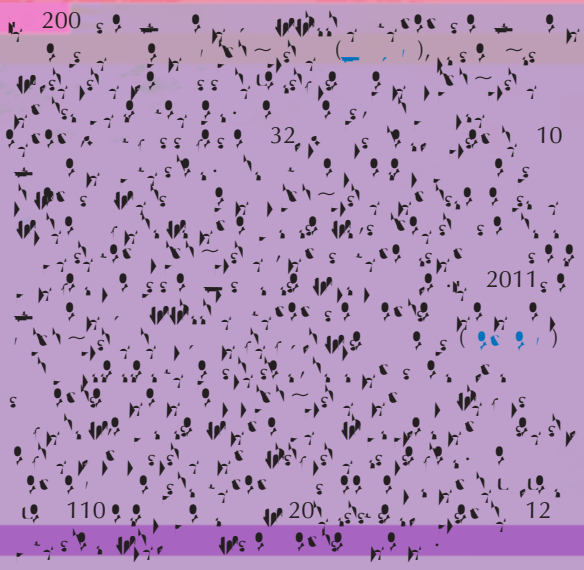
The burning of fossil fuels not only increases CO_2 in the atmosphere but also in the ocean. As a result, the concentration of hydrogen ions increases (increasing acidity) whilst the concentration of carbonate ions decreases.



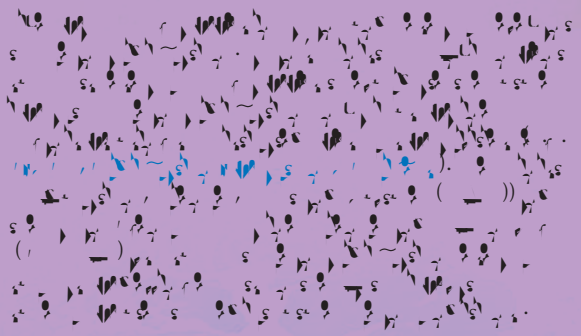
Building the global policy framework

Major studies underway or in advanced stages of planning

European Union



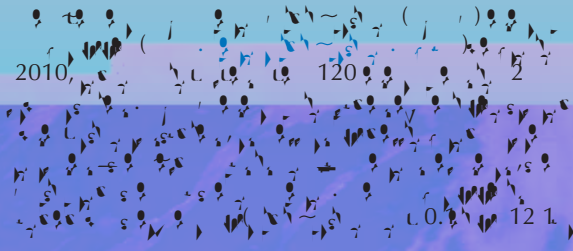
Japan



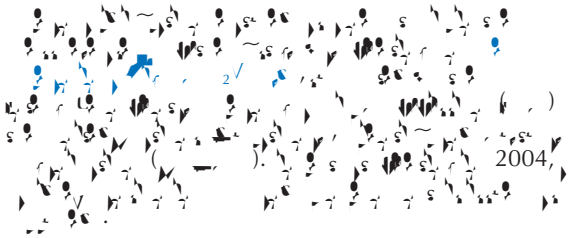
Korea

Monaco

United Kingdom

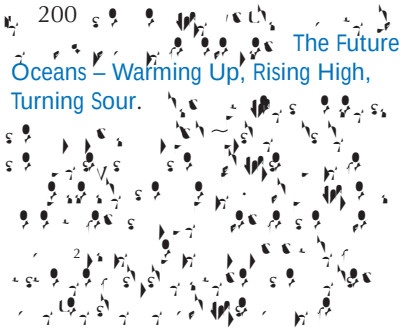


Finding out more about ocean acidification – useful sources of further information

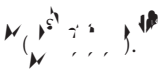


Key reports that together provide a comprehensive source of knowledge

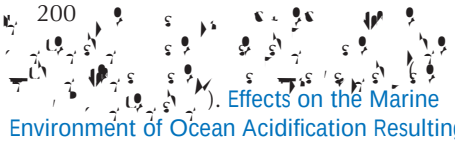
Ocean acidification due to increasing atmospheric carbon dioxide



The Future Oceans – Warming Up, Rising High, Turning Sour.



Impacts of Ocean Acidification on Coral Reefs and Other Marine Calcifiers: A Guide for Future Research



). Effects on the Marine Environment of Ocean Acidification Resulting from Elevated Levels of CO_2 in the Atmosphere

Annual Report Cards

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Position Statement on Ocean Acidification.

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Summary for Policy Makers

, Research Priorities for Ocean Acidification (200),

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Essential facts for policy makers and decision takers on ocean acidification.

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The Interacademy Panel (IAP) statement on ocean acidification (200)

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European Science Foundation Science Policy Briefing on Impacts of Ocean Acidification (200)

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Oceanography

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( ) Impacts of ocean acidification on marine biodiversity

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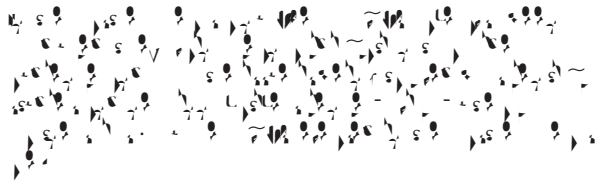
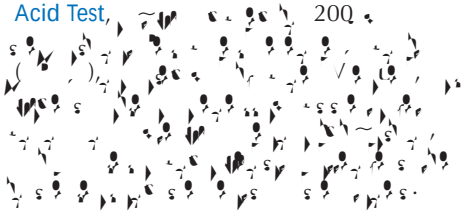


Acid Test, 200



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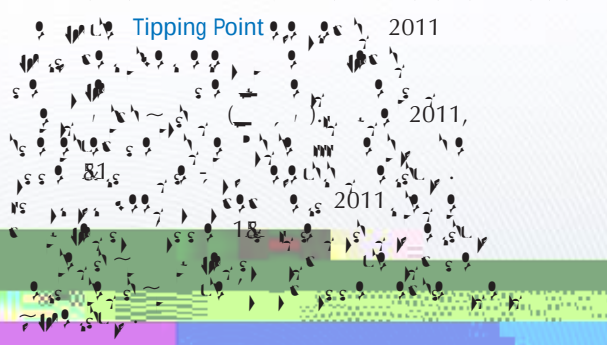
The Other CO_2 Problem, 200



Tipping Point 2011

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Ocean acidification: Connecting science, industry, policy and public, 2011

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2012

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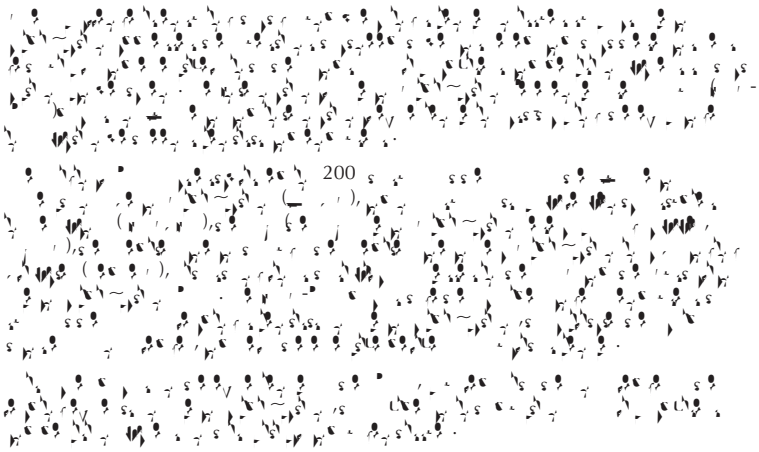
Online paper

What is the International Ocean Acidification Reference User Group?



Further details and contacts

Sources and contributors

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