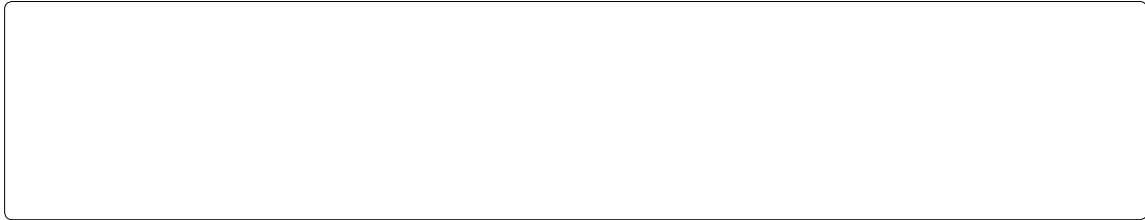




Marine Climate Change: A Global Crisis Unfolding Beneath the Waves



Keywords:

Marine climate change, ocean warming, sea level rise, coral reefs, marine biodiversity, ocean acidification, coastal erosion, marine protected areas, climate resilience, sustainable development.

Introduction

The world's oceans are facing unprecedented challenges due to climate change. Rising sea surface temperatures, ocean acidification, and sea level rise are threatening marine ecosystems and coastal communities. This review explores the current state of marine climate change, its impacts on biodiversity and coastal infrastructure, and the urgent need for global action to mitigate and adapt to these changes. Key findings include a 70% increase in marine heatwaves since 2000 and a projected 1.5m rise in sea level by 2100. Urgent action is required to protect our oceans and the communities that depend on them.

A
/8'

A
C
/9'. A

/10, 11'

Discussion

70%
/12, 13'

C

/14'

C
/15'

/16'

A
A
/17'

C
B
/18-20'

