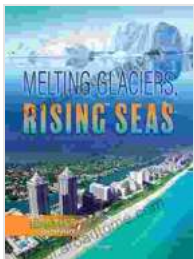


Melting Glaciers, Rising Seas: Taking Earth's Temperature

The Science of Climate Change

The Earth's climate is changing, and the melting glaciers and rising seas are just two of the many visible signs. The average global temperature has increased by about 1 degree Celsius (1.8 degrees Fahrenheit) since the late 19th century, and it is projected to rise by another 2-4 degrees Celsius (3.6-7.2 degrees Fahrenheit) by the end of the century.



Melting Glaciers, Rising Seas (Taking Earth's Temperature) by Tara Haelle

★★★★☆ 4.4 out of 5

Language : English

File size : 9214 KB

Screen Reader: Supported

Print length : 48 pages



This warming is caused by the increasing levels of greenhouse gases in the atmosphere. Greenhouse gases, such as carbon dioxide and methane, trap heat from the sun, causing the planet to warm. The main source of greenhouse gas emissions is the burning of fossil fuels, such as coal, oil, and gas.

The Impacts of Climate Change

The melting glaciers and rising seas are just two of the many impacts of climate change. Other impacts include:

* More extreme weather events, such as hurricanes, floods, and droughts *
Changes in plant and animal life * Sea level rise, which threatens coastal
communities and infrastructure * Ocean acidification, which harms marine
life

What We Can Do

Climate change is a serious problem, but it is not too late to take action. We
can reduce greenhouse gas emissions by:

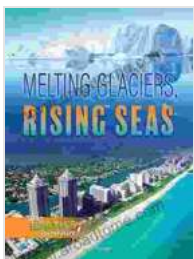
* Switching to renewable energy sources, such as solar and wind power *
Improving energy efficiency * Reducing deforestation * Planting trees

We can also adapt to the impacts of climate change by:

* Building seawalls and other coastal defenses * Moving to higher ground *
Developing drought-resistant crops

The melting glaciers and rising seas are a wake-up call. Climate change is
happening, and we need to take action to reduce greenhouse gas
emissions and adapt to the impacts of climate change.

This book provides a comprehensive overview of the science of climate
change, its impacts, and what we can do to mitigate them. It is an essential
read for anyone who wants to understand this critical issue.



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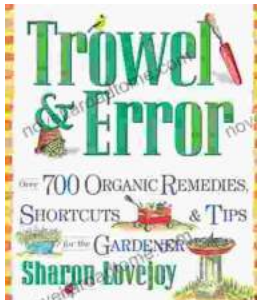
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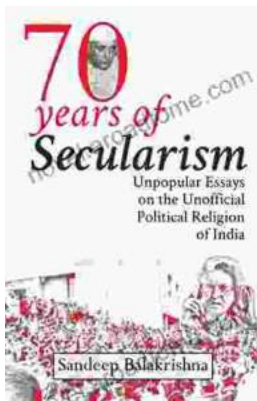
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