

CLIMATE ACTION

Sustainable Development Goal 13



TOOLS FOR T

Tools for becoming a T-Shaped professional



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Sustainable Development Goal 13

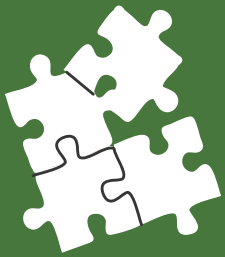


Lessoncard Guide:



Lesson Overview:

In this overview you can find everything that you need and/or have in your packet to teach about the thirteenth Sustainable Development Goal (SDG): Climate action.



Learning Objectives:

- What climate change does to the world and us
- How climate change came to be
- What we are doing to help improve our climate



Key Objective:

Getting the students into motion so they think about the Sustainable Development Goal and how they can improve themselves to make a contribution to it.



What to find in this lesson card:

- Informational video's
- Questionnaires
- Interesting facts
- An immersive VR experience

Climate Action for a Sustainable Future

SDG 13, known as Sustainable Development Goal 13, addresses the urgent need to combat climate change and its impacts. It emphasizes global cooperation in tackling environmental challenges that are increasingly pressing. The goal focuses on enhancing resilience to climate-related hazards and integrating climate change measures into national policies and strategies.

In response to the escalating effects of climate change, SDG 13 advocates for raising awareness and providing education on climate issues to empower communities to take sustainable actions. It highlights the essential role of international collaboration in mobilizing resources and implementing policies for climate mitigation and adaptation. Ultimately, SDG 13 aims to create a sustainable future where societies are resilient and environmental impacts are minimized.



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Learn more: Video

Amidst rising temperatures and increasing natural disasters, this goal stresses the urgency of taking immediate action. Stemming from the unintended environmental impacts of the Industrial Revolution, climate change has evolved into a global crisis. Yet, eco-champions around the world are confronting this challenge head-on, implementing initiatives like eco-friendly architecture and grassroots tree-planting efforts. The objective is evident: to build a resilient and sustainable future for everyone in response to the pressing realities of climate change.



Source: Understand Goal 13: Climate Action (Secondary) <https://www.youtube.com/watch?v=6YqmEYlg4IY>

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Questions

- How does the video emphasize the importance of addressing climate change for the well-being of all life on Earth?
- What role does the Industrial Revolution play in the origins of climate change, as explained in the video?
- How are natural disasters intensified by rising temperatures in Earth's atmosphere, according to the information provided?
- Can you provide examples from the video of individuals and organizations actively working to combat climate change and its impacts?



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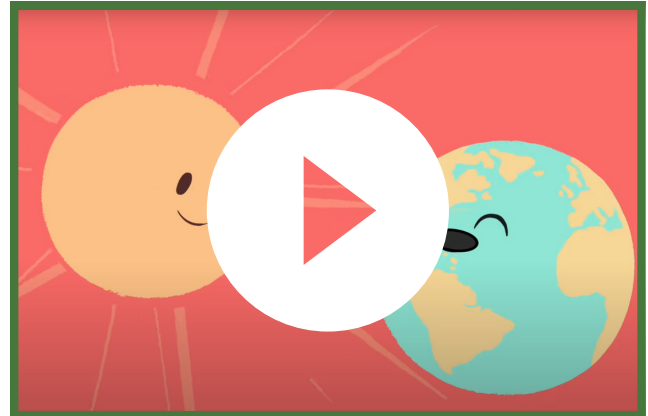




For more information...



Source: *Climate Action ☀️ SDG 13 📝 Sustainable Development Goals for Kids*
<https://www.youtube.com/watch?v=jhoa3OHivN8>



Source: *Understand Goal 13: Climate Action (Primary)*
<https://www.youtube.com/watch?v=x68J435E0S4>



Source: *Sustainable Development Goal 13 - Climate Action - Ben Newell*
<https://www.youtube.com/watch?v=xznlCuhqfOI>



Source: *SDG 13 Climate Action - UN Sustainable Development Goals - DEEP DIVE*
<https://www.youtube.com/watch?v=YUzHBMaVSqQ>

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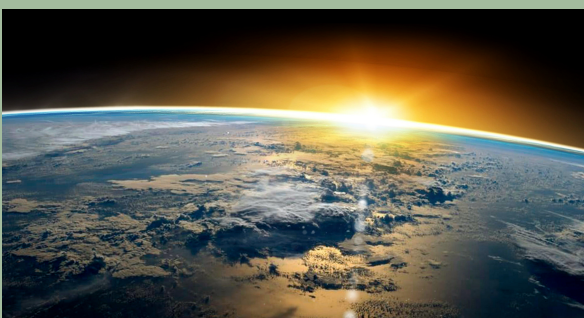


Did you know?



Over the years, greenhouse gas emissions, including carbon dioxide and methane, have shown a steady rise. These gases play a significant role in the greenhouse effect, ultimately causing global warming and climate change, which are central concerns of SDG 13.

Climate change has been associated with an increase in the frequency and severity of extreme weather events, such as hurricanes, floods, droughts, and wildfires. SDG 13 aims to address the importance of both mitigating and adapting to these events to safeguard communities and ecosystems.



The Earth's average temperature has been steadily rising, primarily due to human activities like burning fossil fuels and deforestation. SDG 13 emphasizes the urgency of limiting this temperature increase to well below 2 degrees Celsius above pre-industrial levels to prevent catastrophic climate impacts.

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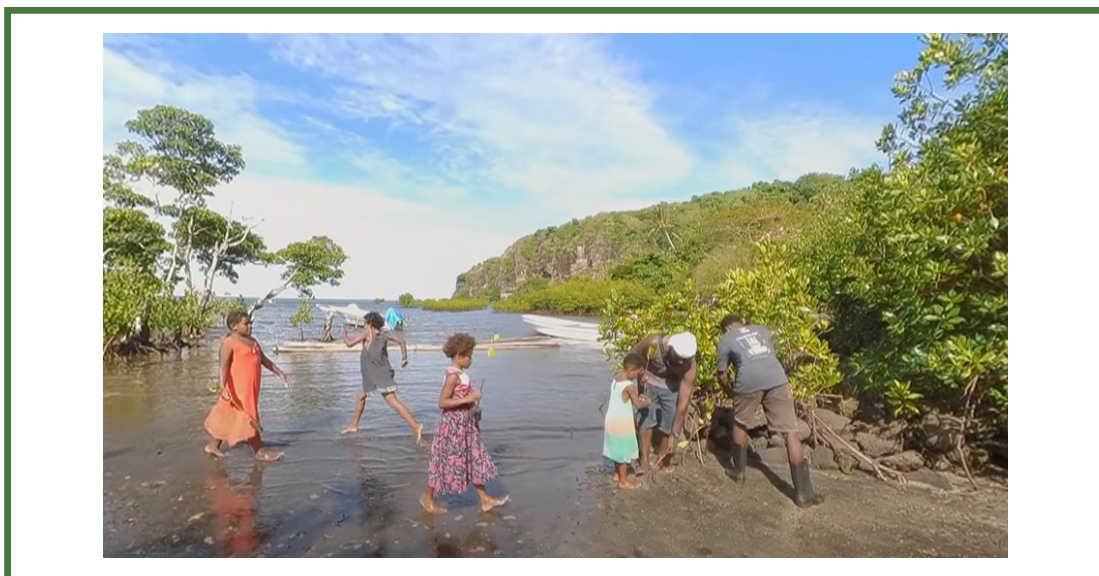


Sea of Island

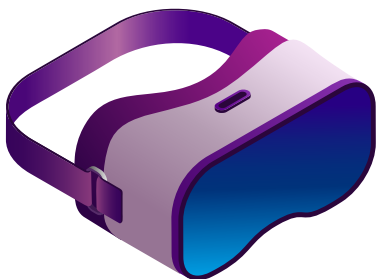
Climate change is presenting critical security challenges for Small Island Developing States in the Pacific. Pacific communities face escalating climate change-related security risks, including impacts on human mobility such as displacement; potential social tensions linked to access and use of natural resources; threats to food security, human health, and productivity; and risks to territorial integrity and maritime boundaries due to sea-level rise. Leaders in the Pacific region, through the 2018 Boe Declaration, have acknowledged climate change as the single greatest threat to the livelihoods, security, and well-being of their peoples, emphasizing an expanded concept of security with a growing focus on human security.

How to get there

Visit the virtual experience by clicking the following link: [Sea of Island](#) or by scanning the QR code.



Source: <https://www.youtube.com/watch?v=larFAY6oohM>



Instructions for VR goggles

If you have a VR-headset you can watch this video in VR.

1. Put on VR goggles and open the web browser in the VR-set.
2. Type in or enter the link in the address bar.
3. Look around, listen well and enjoy the video!





Questions

- What are some of the impacts of climate change on Pacific communities as described in the video?
- What are some of the collective actions urged by the video to address climate change at both regional and global levels?



What you can do

Reduce Carbon Footprint: Individuals can make a difference by adopting eco-friendly habits like using energy-efficient appliances, reducing car usage, and opting for renewable energy sources. These simple changes can help shrink overall carbon emissions and combat climate change.

Support Renewable Energy: Encouraging the adoption of renewable energy sources, such as solar and wind power, is crucial for reducing reliance on fossil fuels. Governments, businesses, and individuals can all contribute to the shift towards cleaner energy alternatives.

Promote Afforestation and Reforestation: Planting trees and protecting existing forests are essential for capturing carbon dioxide from the atmosphere. Initiatives like afforestation (planting trees in areas lacking them) and reforestation (replanting in deforested areas) not only aid in carbon sequestration but also support biodiversity conservation.

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