

2. Climate Change in the Philippines | Student Activities

The Philippines is currently number six on the global Climate Change Vulnerability Index, with data suggesting that it is the one of the countries most affected by climate change. Increases in extreme weather conditions, warming oceans and rising sea levels are a major problem for its people.

In the last decade, the Philippines experienced five of its ten most deadly typhoons, with 2013's Typhoon Haiyan causing the deaths of 6,300 people and rendering four million of the islands inhabitants homeless.

The geography of the Philippines, comprising of thousands of islands, makes it particularly vulnerable to extreme weather. However extreme weather events, sea acidification and deforestation has depleted the island's main natural barriers, which include coral reefs and mangrove swamp ecosystems. Urban areas in the Philippines are densely populated and have poor infrastructure, with many people living in unplanned housing. This makes them more vulnerable to extreme weather events.

The Philippine government has been vocal in international discussions on climate change and leads the Climate Vulnerable Forum, which comprises of a group of nations most affected by climate change. However, reports have suggested that national and local government development plans have not included actions to address climate change.

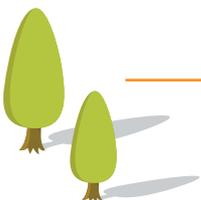
1. Describe the main environmental effects of climate change on the Philippines?

2. Explain the social and economic effects of climate change on the Philippines

3. Why has the Philippines been so badly affected?

4. Using your knowledge of sustainable development, suggest ways in which sustainable development could help the Philippines.

Extension: Design a two-minute advert to raise awareness of the plight of the people of the Philippines, for use on a popular video sharing platform.



3. Climate Change in Bangladesh | Student Activities

Bangladesh is number one on the global Climate Change Vulnerability Index, making it the country most extremely effected by climate change.

Looking at the global issues covered in this topic as guidance, you will create a fact sheet investigating the effects of climate change on Bangladesh.

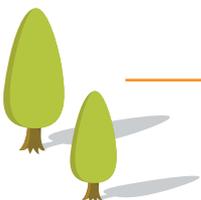
You should consider:

- What problems does climate change currently cause for the people of Bangladesh?
- What problems will climate change cause in the future?
- Why is Bangladesh so vulnerable to the effects of climate change?

Make sure that you think about the environmental, social and economic impacts of climate change.

Your teacher will guide you on how to present this.

Extension: Design a two-minute advert to raise awareness about the impact of climate change in the region, for use on a popular video sharing platform.





Global Development Quiz

1. Drag and drop the year to its current or predicted world population total.

1950 2.5 billion **2050** 9.7 billion

2015 7.3 billion **2100** 11.2 billion

2030 8.5 billion

2. Meeting the needs of our growing population is not easy. It is important that we live in a healthy environment free from hunger caused by food insecurity and have water to drink and wash with. To have a truly sustainable future, we must eradicate poverty and create societies where equality means that everyone is treated fairly and justly, and has access to education and sanitation.

3. Match the global challenges with their definition and causes.

Issue	Definition	Cause
Climate change	The changing of weather patterns	Greenhouse gas and air pollution due to reliance on fossil fuels
Desertification	The turning of fertile land into arid dry land	Removal of natural vegetation
Deforestation	The loss of rainforest ecosystems	Logging, climate change, irresponsible farming
Rising sea levels	Increased exposure to flooding, loss of the polar ice sheets	Global warming and melting of polar ice caps
Resource depletion	The loss of coal, gas and oil	Reliance on fossil fuels for energy, transport and industry

4. Look at the sustainability solutions in the left hand column and select which global issues will be impacted as a result of each solution.

	Reduce resource depletion	Reduce CO ₂ emissions	Reduce Waste	Prevent Deforestation	Reduce Water Pollution
Sustainable Agriculture		x		x	x
Renewable Energy	x	x			x
Sustainable Design	x	x	x	x	x
Waste Minimisation	x	x	x		x

