

Geography in the News

October 2024

How is climate change affecting hurricanes, typhoons and cyclones?

Geography in the News aims to stimulate discussion about the relevance of geography to our lives and its importance in helping us to make sense of the world around us. This month we have selected a relevant news article with links to our GCSE Geography specifications and suggested questions you can discuss with your class.

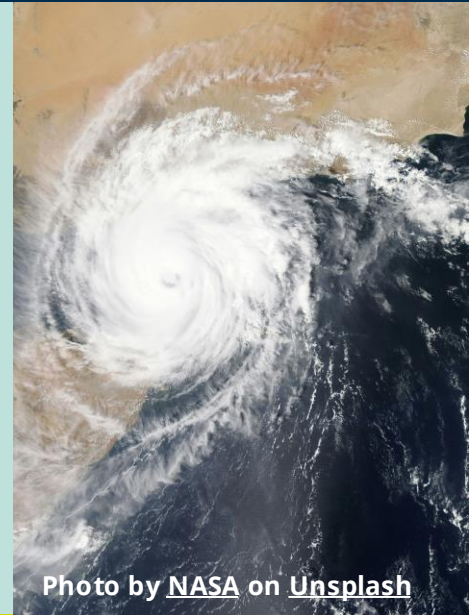


Photo by [NASA](#) on [Unsplash](#)

Article: This issue relates to an article written by Mark Poynting, a climate reporter for the BBC News.

Introduction

This article explores the impact of climate change on the intensity, frequency, and distribution of tropical cyclones, and how they might change in the future.

- [Click here to access the article](#)

Discussion prompts

- How does climate change contribute to the increased intensity of tropical cyclones (hurricanes and typhoons)?
- How does an increase in ocean temperatures influence tropical cyclone formation?
- How have rising sea levels worsened the effects of flooding caused by tropical cyclones?
- In the future, how might climate change alter the distribution of areas that are vulnerable to tropical cyclones?

Specification links

GCSE Geography

Specification A

- 2.5 Tropical cyclones are extreme weather events that develop under specific conditions and in certain locations.

Specification B

- 1.4 Tropical cyclones are caused by particular meteorological conditions.