

Work Sheet 4:  
Impacts of  
Climate Change

📍 Polar Gallery

📍 Remote Sensing and Environmental Monitoring

Even if human activities lead to global warming, how does it relate to us?



Question 4.1

The sea ice coverage in the Arctic Ocean is shrinking. How does this affect sailing routes in the region? Is this development good or bad? Explain briefly.

Question 4.2

Explain the relationship between permanent glacier retreat and freshwater supply.

Question 4.3

Scientists use remote sensing and environmental monitoring technologies to monitor environmental variations. Describe one such variation, and explain how climate change has led to this phenomenon.

