

Work Sheet 4: Impacts of Climate Change

- 📍 Round table projection, Polar Gallery
- 📍 Artic Coal, Polar Gallery
- 📍 Climate Change and Human Health, Remote Sensing and Environmental Monitoring

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



Question 4.1

What is the relationship between human activities and the greenhouse effect? (Please cross out as appropriate)

The natural greenhouse effect keeps the surface temperature warm / ~~cool~~ over the years. However, human activities produce large amount of wastes / sewage / greenhouse gases, which have enhanced the 'greenhouse effect', leading to an increase / ~~decrease~~ / ~~irregular change~~ in global temperatures.

Question 4.2

PB is watching the afternoon news. The spokesman for a major energy company says, 'Our company is opening new oil fields and coal mines all over the world, providing high quality fuels for Hong Kong's power plants. As our business develops, we are planning to expand our business into the Arctic within two years. The Arctic is rich in coal resources, and we expect our company to make substantial additional profits from exploiting these resources...'

Do you support the development philosophy of the energy company? Briefly explain your opinion:

I support / ~~do not support~~ the development direction of the energy company because



Question 4.3

Climate change is not only devastating our living environment, but also poses an increasing threat to our health. Write down one abnormal consequence of climate change and its possible threats to human health:

Hints: Study the relationship between climate change and human health in the interactive media in the 'Remote Sensing and Environmental Monitoring' section.