

Carbon footprint of global tourism is huge

10th May, 2018



Climate scientists from the University of Sydney in Australia say tourism causes over 8 per cent of greenhouse gasses. They also say that this figure will continue to increase because the tourism

industry is growing. Their study looked at the carbon footprint of many different areas of tourism. It studied the CO2 emissions from transport, events, hotels, restaurants and shopping. It even researched the carbon emissions from producing souvenirs. The researchers spent 18 months conducting the research. They included the tourist activities of 189 countries. Researcher Dr Arunima Malik said her team analyzed the impact on the environment of over one million businesses involved in tourism.

The researchers said domestic travel was a bigger cause of CO2 emissions than international or business travel. Air travel was the largest part of tourism's footprint. The researchers said flying would continue to increase global emissions as more people in the world become richer. The countries causing the most harm were the biggest and richest nations. The USA, China, India and Germany had the largest tourism carbon footprints. Their carbon emissions will continue to increase as more of their citizens travel. The researchers encouraged holiday-makers and travelers to try and reduce their carbon footprint when on vacation so their travel causes less harm to the planet.

Sources:
independent.co.uk / sciencemag.org / sciencedaily.com

True / False

- Scientists said Australia's tourism carbon footprint is very big. T / F
- Scientists said the size of tourism's carbon footprint would get smaller. T / F
- The research took one-and-a-half years. T / F
- The researchers looked at 500,000 businesses related to tourism. T / F
- International travel causes more CO2 emissions than domestic travel. T / F
- Air travel was the biggest part of tourism's carbon footprint. T / F
- Germany was one of the countries with the biggest carbon footprint. T / F
- Researchers suggested tourists reduce their carbon footprint. T / F

Phrase Match

- | | |
|-----------------------------------|-------------------------|
| 1. climate | a. to the planet |
| 2. tourism causes over 8 per cent | b. emissions |
| 3. this figure will continue | c. involved in tourism |
| 4. CO2 | d. vacation |
| 5. over one million businesses | e. of greenhouse gasses |
| 6. domestic | f. makers |
| 7. air travel was the largest | g. scientists |
| 8. holiday- | h. part |
| 9. when on | i. travel |
| 10. causes less harm | j. to increase |

Spelling

- Climate iestntiscs
- the tourism ysiuntrd
- CO2 nssoisem
- producing vrnsouise
- tourist eiiscaitvt
- nidloevy in tourism
- isbuenss travel
- haessmrcee said flying would continue
- the biggest and richest ntnaosi
- continue to aencrise
- holiday-makers and sarvlreet
- when on vcantoai

Synonym Match

(The words in **bold** are from the news article.)

- | | |
|----------------------|---------------|
| 1. causes | a. source |
| 2. figure | b. making |
| 3. growing | c. lower |
| 4. producing | d. number |
| 5. analyzed | e. carry on |
| 6. cause | f. increasing |
| 7. continue | g. damage |
| 8. encouraged | h. creates |
| 9. reduce | i. urged |
| 10. harm | j. examined |

Writing

We should stay at home more and travel less to reduce our global footprint. Discuss.