

India's Carbon footprint at a glance

Country – Republic of India.

Population – around 1.121 billion people in 2006

Estimated annual CO2 emissions – 1.275 billion



10 Facts about India and Climate change :

1. A one-meter rise in sea level could displace millions of people in India, a country with a coast line of several thousand miles.
2. The Gangotri Glacier, the source of the River Ganges, is retreating at a speed of about 30meters a year, with warming to increase the rate of melting.
3. Annual coal consumption in India has more than tripled since 1980.
4. According to research carried out at Oxford University the total number of floor zone refugees in India alone could reach anywhere between 20 and 60million. Sea level rises could also prompt an influx millions of refugees from Bangladesh.
5. In July 2005, the eastern Indian state of Maharashtra was hit by the hardest monsoon rains ever recorded. Nearly a meter of rain fell in 24hours, causing extreme flooding in Mumbai and elsewhere in the state.
6. According to the World Bank, India's carbon dioxide emissions have increased by 88 percent since 1990.
7. Per capita carbon dioxide emissions in India are relatively low. The average Indian is responsible for roughly six percent of the CO2 emitted by the average citizen from the United States.
8. On average, floods affect about 5,000 square kilometers of land and 4.2 million people in India each year.
9. The International Energy Agency expects Indian national energy consumption to more than double from 2002, levels by the year 2020, increasing from 116 to 252 Gigawatts.
10. According to Indian Ministry of New and Renewable Energy the renewable power capacity was around 8 Gigawatts at the end of March 2006 roughly 6.5percent of the total power generation capacity.

Source – World Bank, Government of India, Science and development Network (SciDevNet), BBC, New York Times, International Energy Agency, Stanford University and Sustainable Development Program.
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