THE FLYING PROBLEM

DID YOU KNOW…

Air travel generates large amounts of greenhouse gases – the specific types emitted depend on the type of aircraft in use

- The number of flights globally is expected to reach 39.4 million in 2019. This figure is over one million higher than the prediction for the previous year and represents an increase of over 50 percent from the previous decade
- By 2020, global international aviation emissions are projected to be around 70% higher than in 2005.
- U.S. airlines alone burned about 16.2 billion gallons of fuel during the twelve months between October 2013 and September 2014
- The IPCC has estimated that aviation is responsible for around 3.5 percent of anthropogenic climate change, a figure which includes both CO_2 and non-CO_2 induced effects.

AIR TRAVEL

- Requires fuel for flying and for passengers and staff to arrive and move through the airport. Also land for infrastructure, airport buildings, taxiways and runway. Plus all of the materials included in building aircrafts/airports
- Contributes to the acceleration of global warming and ocean acidification(in the case of CO_2).
- (IPCC) estimated that aviation's total climate impact is two to four times that of its direct CO_2 emissions alone.
- Is seeing significant improvements in fuel efficiency through aircraft technology and operational management. However these improvements are being continually eclipsed by the increase in air traffic volume.

SOURCES
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