

Feeding the 9 billion: Lesson 1 Resource Sheet

Starter

Key facts

- The population today is 7.2 billion. This is expected to rise to 9.2 billion by 2050
- 2.6 million children under 5 die from malnourishment each year
- 850 million people in the world are undernourished
- One of the Millennium Development Goals agreed by the UN is to reduce the proportion of people experiencing hunger by 50% by 2015
- 1 billion people are micro-nutrient deficient
- By 2050 70% more food will need to be produced to cope with a population of 9.2 billion people
- The UK wastes 15 million tons of food across the food chain every year.

Key terms

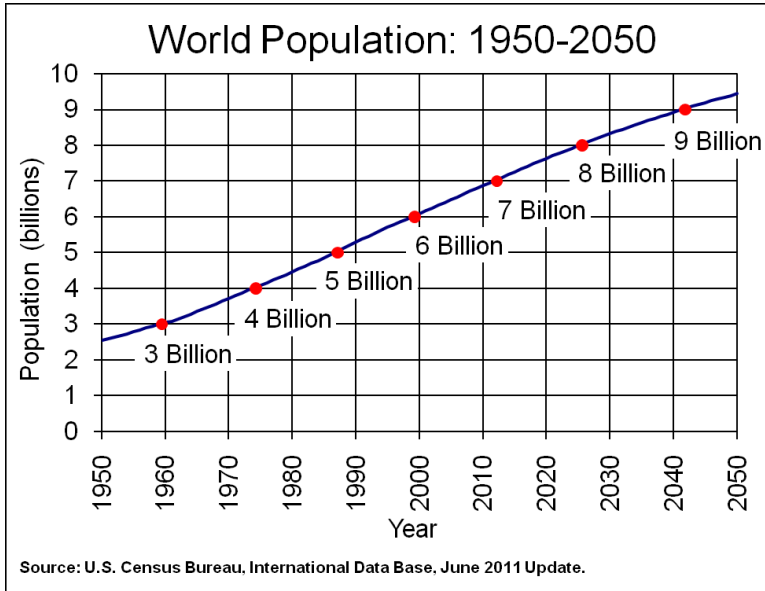
Food security	Large-scale farming based on commercial principles
Sustainability	Development which meets the needs of the present without compromising the ability of future generations to meet their own needs
Food poverty	Extreme scarcity of food
Malnutrition	The inability to afford, or to have access to food
Famine	Lack of proper nutrition, caused by not having enough to eat, not eating enough of the right things, or being unable to use the food that one does eat.
Agribusiness	When all people at all times have access to sufficient, safe, nutritious food to maintain a healthy and active life

Answers

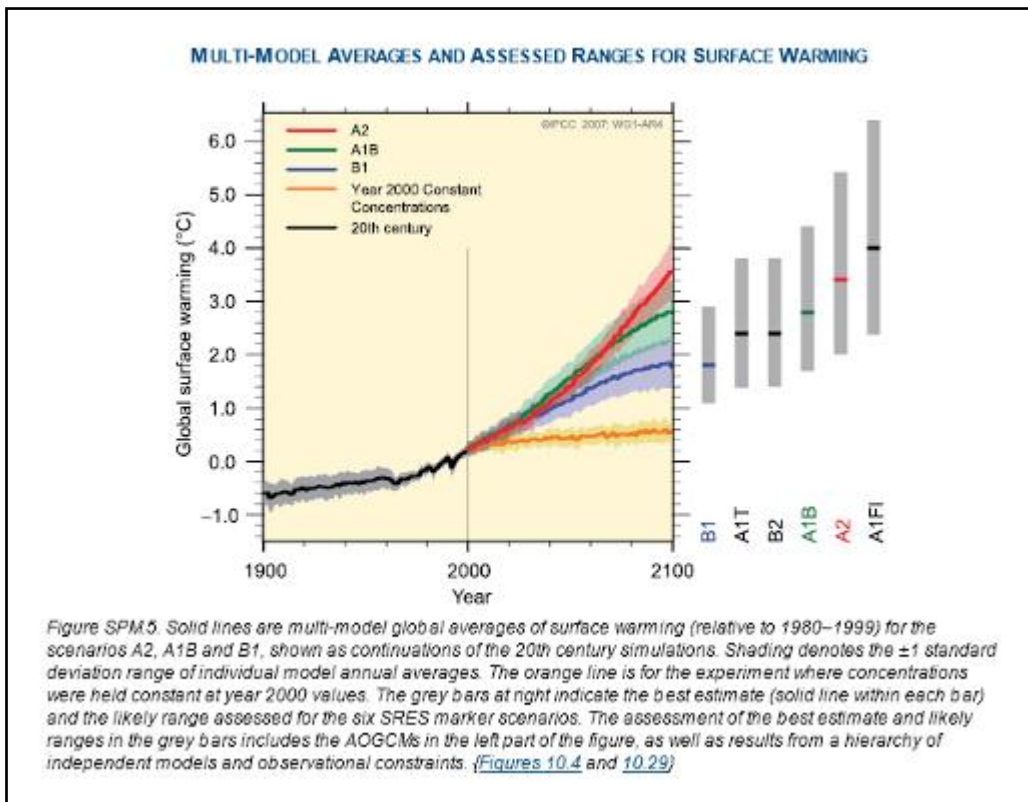
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Activity 2

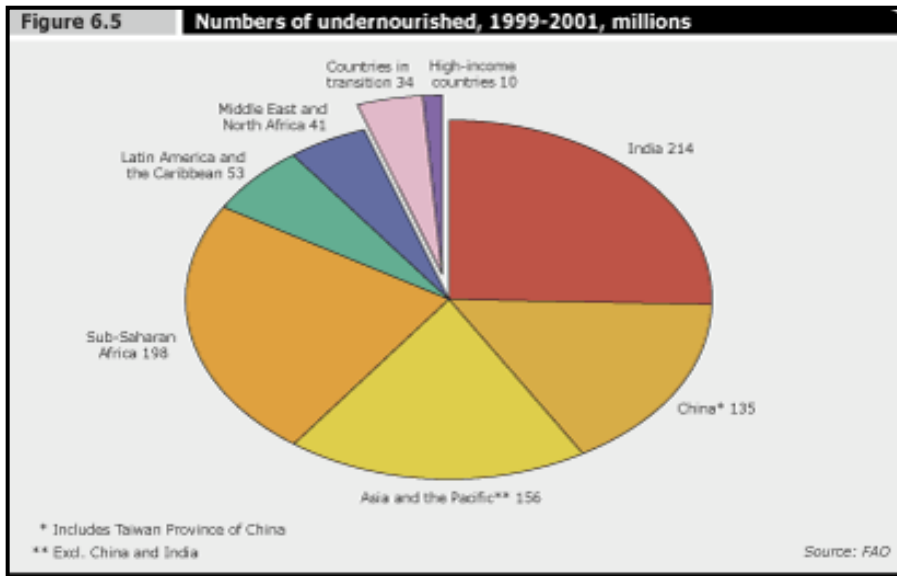
	Description	Explanation	Sustainable management option
Global population change 1950 – 2050			
Global climate change between 1950-2050			
Change in the price of wheat 1950-2050			
Percentage of world population who are malnourished 1999-2001			
Change in global food consumption 2005-2015			



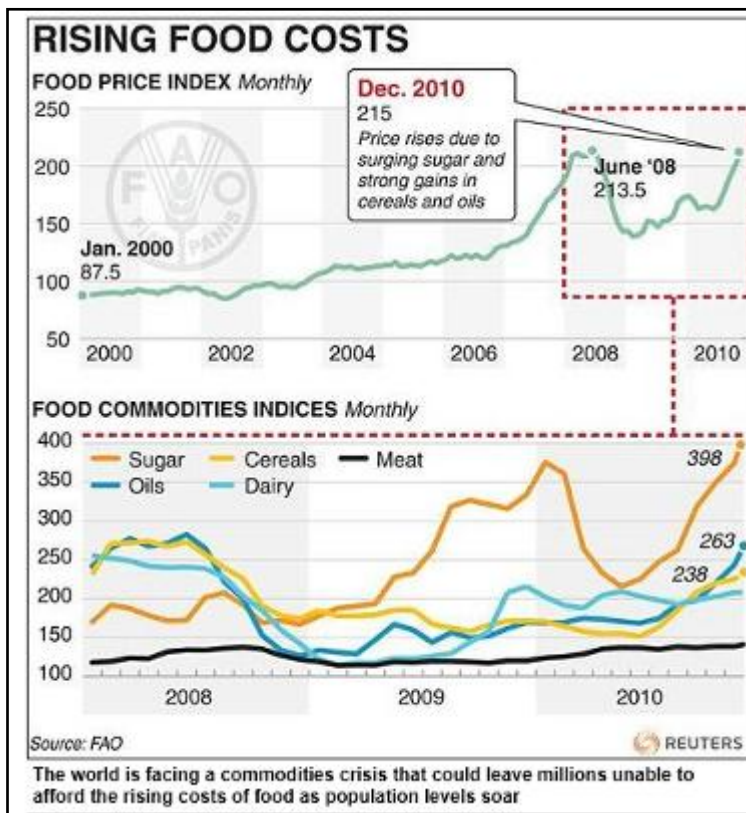
Source: US Census Bureau



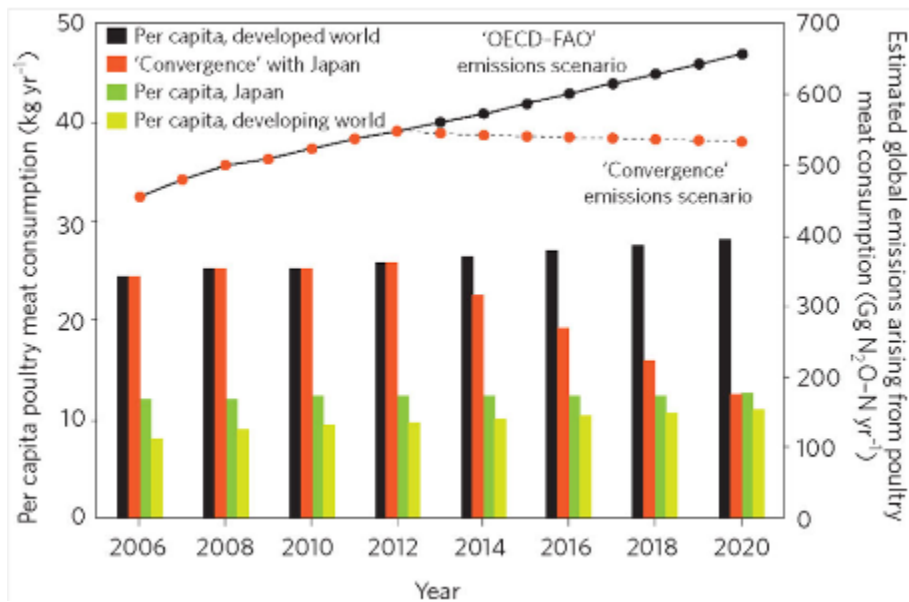
Source: IPCC http://www.ipcc.ch/publications_and_data/ar4/wg1/en/spmssp-projections-of.html



http://www.worldbank.org/depweb/english/beyond/global/chapter6_2.html



Source: Reuters <http://www.dailymail.co.uk/sciencetech/article-1350009/Food-prices-rocket-50-global-hunger-epidemic-causes-riots-famines.html>



Source : Nature http://www.nature.com/nclimate/journal/v2/n6/fig_tab/nclimate1458_F3.html