



Case Study:

Assessing the
impact of resource
exploitation

CHINA



CHINA



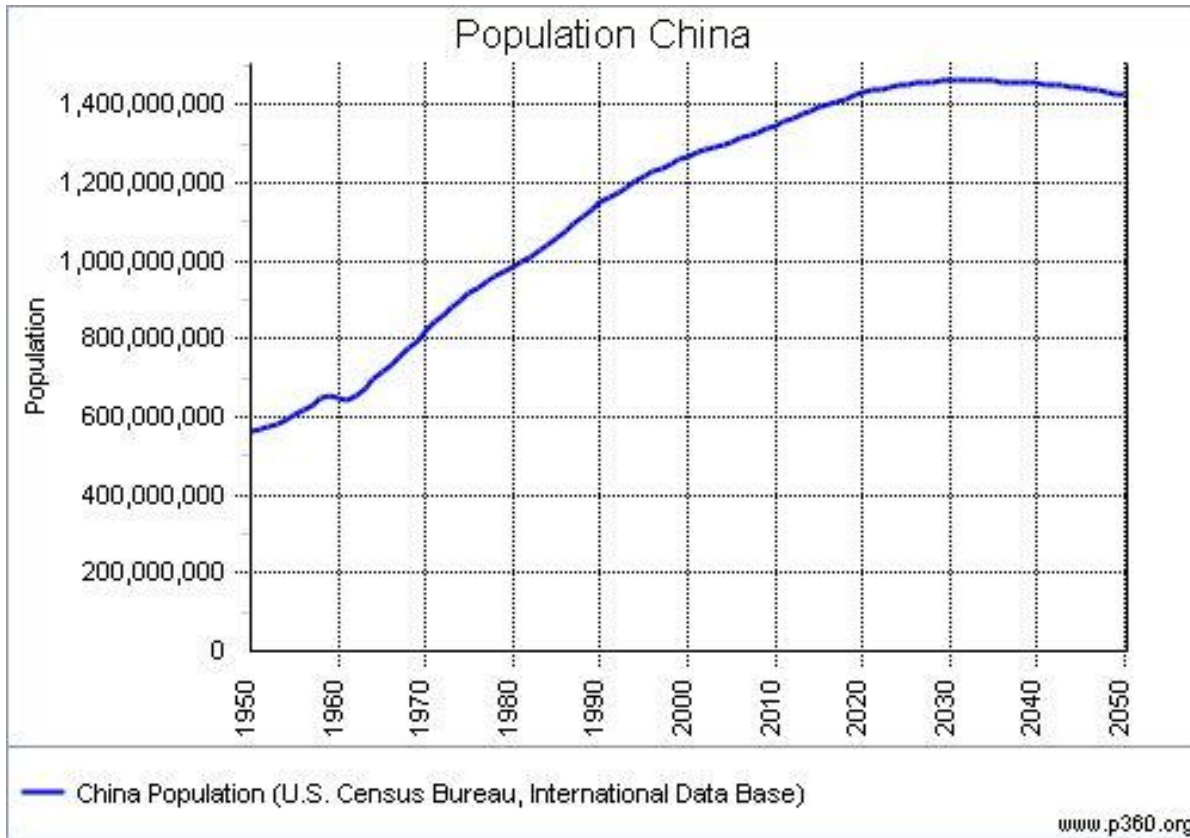
http://d-maps.com/carte.php?lib=world_europe_and_africa_centered_map&num_car=3270&lang=en



Reasons for
growing
resource
demand in
China.



Population Growth

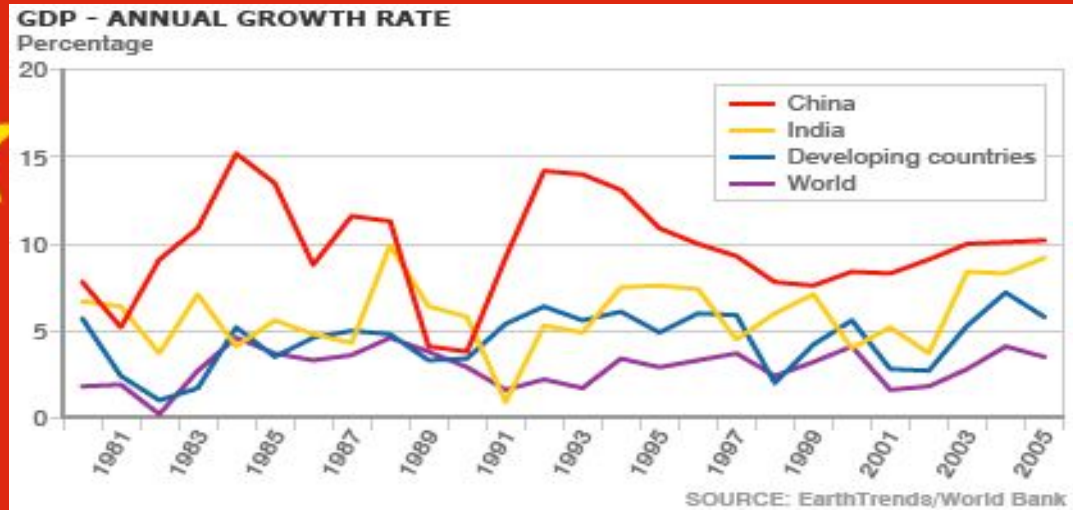


- 1.3 billion people
- China represents a 20% of the World's population
- Population is growing at an average of 1 million people per month.
- One in every five people on the planet is a resident of China.

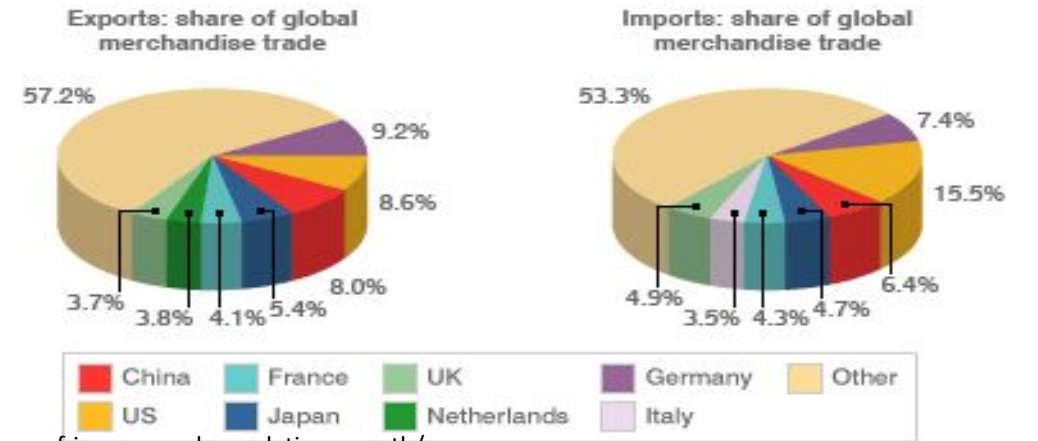
http://www.p360.org/dsg.aspx?Data_Set_Group_Id=201

**Rising population
will put demand on
resources- how?**

Economic Growth



LEADING EXPORTERS AND IMPORTERS 2006



Economic Growth

China \$700
per capita
1990.



This growth in affluence will put pressure on resources- how?

Result...



Greater living space needed....

Growth and intensification of agriculture...

Increasing demands on water supplies...

Increasing demand for energy resources...

Increasing demand for raw materials...

Which leads to...



Resource depletion-

an economic term referring to the exhaustion of raw materials within a region.



CHINA- Coal

- 14% of the World's known coal reserves.
- World's biggest producer, 2.8 billions tons a year. 39% of World production.
- 70% of China's energy needs are from coal.
- 10,000 coal mines.
- 2,500 coal-fired power stations.

Need...



Environmental impact...



Human impact...



“Study Links Polluted Air in China to 1.6 Million Deaths a Year” New York Times, 2015

