

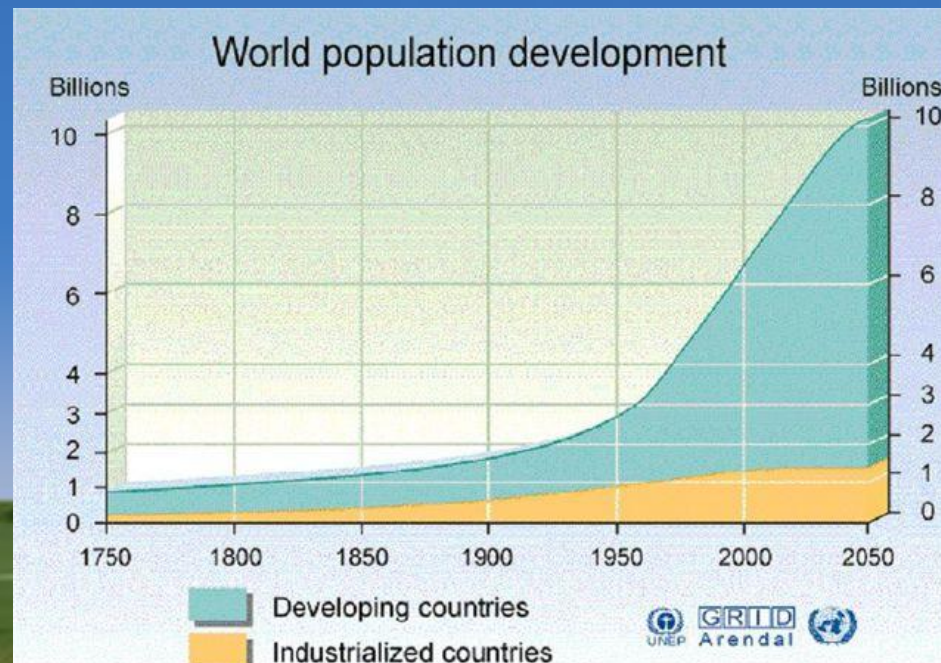
MASALAH PENDUDUK



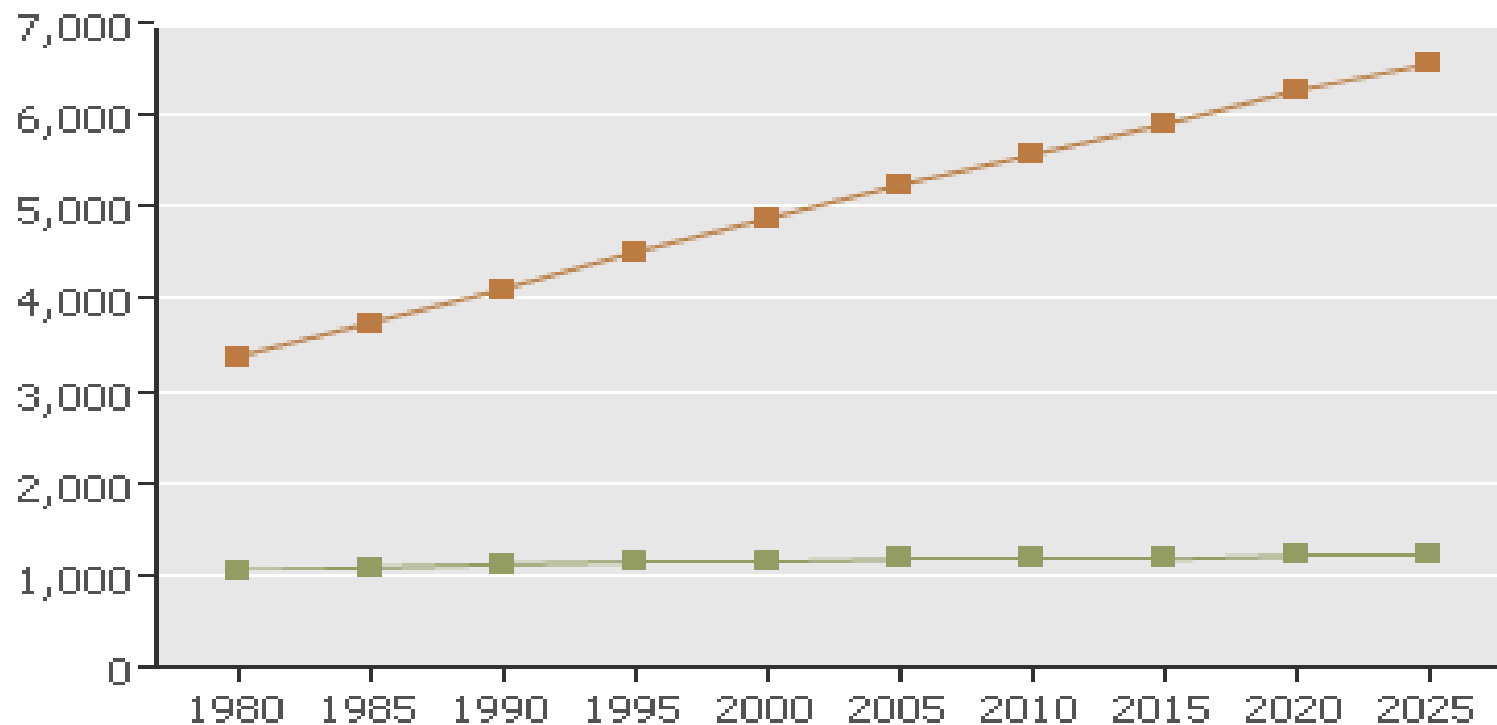
Human Population Growth

How many people will the planet eventually support?

The U.S. Census Bureau and the United Nations Statistics Division both agree that world population will level off somewhere between 9 and 11 billion people and then start to fall.



People (in millions)

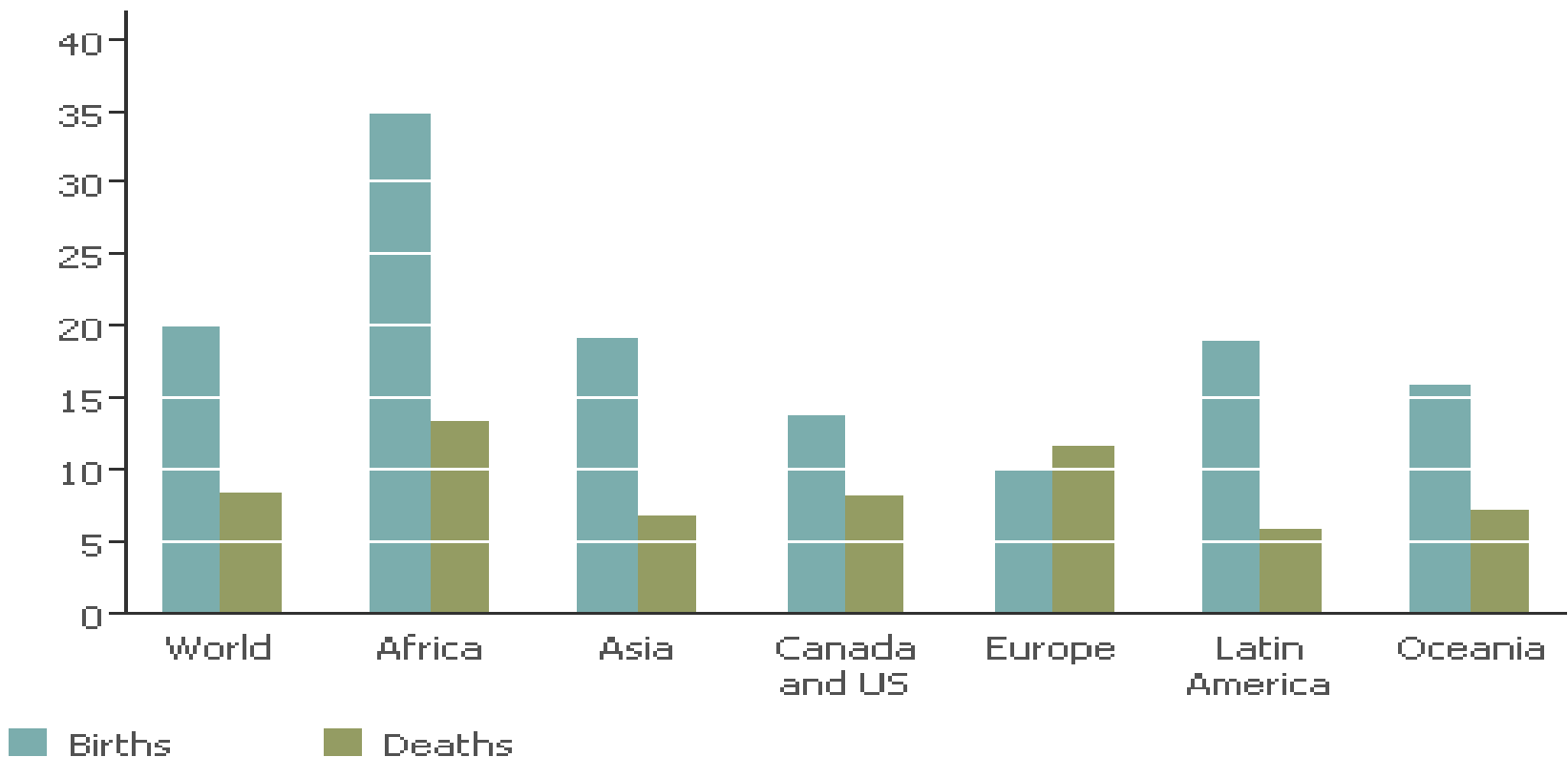


- Less developed countries (population)
- More developed countries (population)

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Angka Kelahiran dan Kematian 2009

Per 1,000 people



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Thomas Malthus on Population

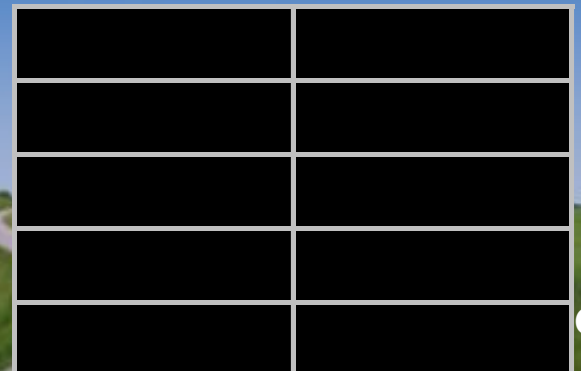
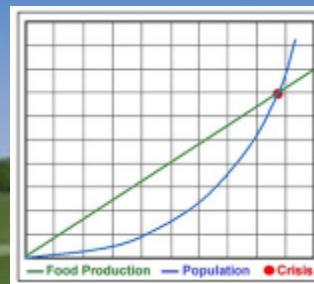
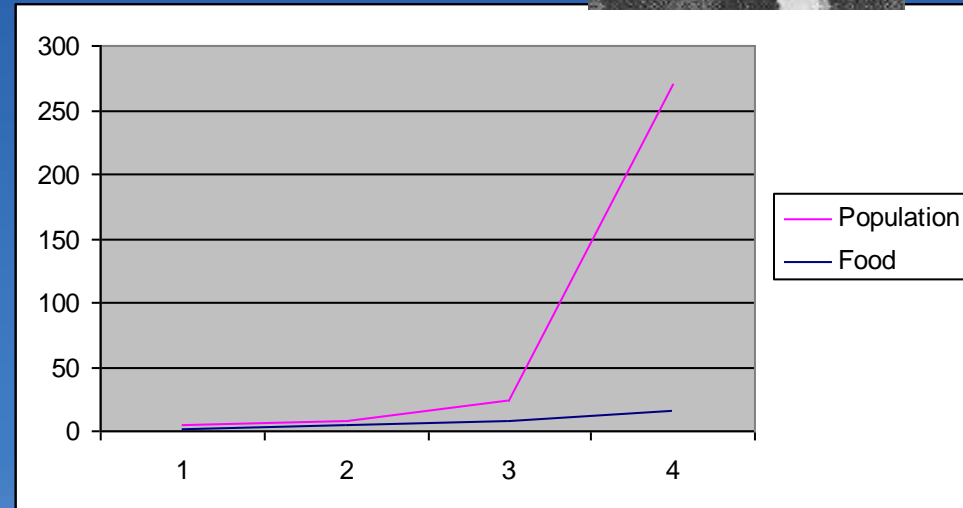
An Essay on the Principle of Population, 1798



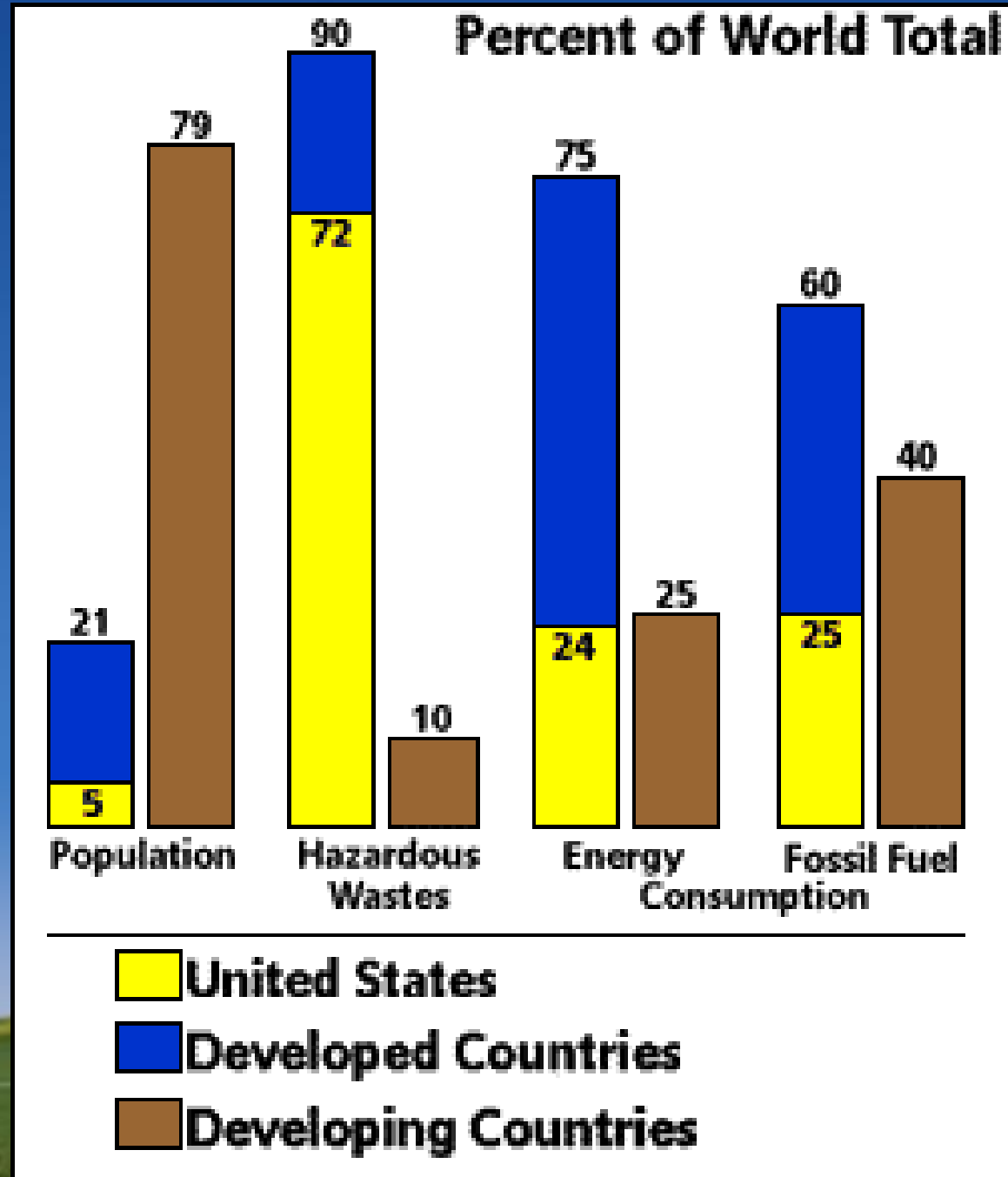
Malthus, responding to Condorcet, predicted population would outrun food supply, leading to a decrease in food per person.

Assumptions

- Populations grow exponentially.
- Food supply grows arithmetically.
- Food shortages and chaos inevitable.

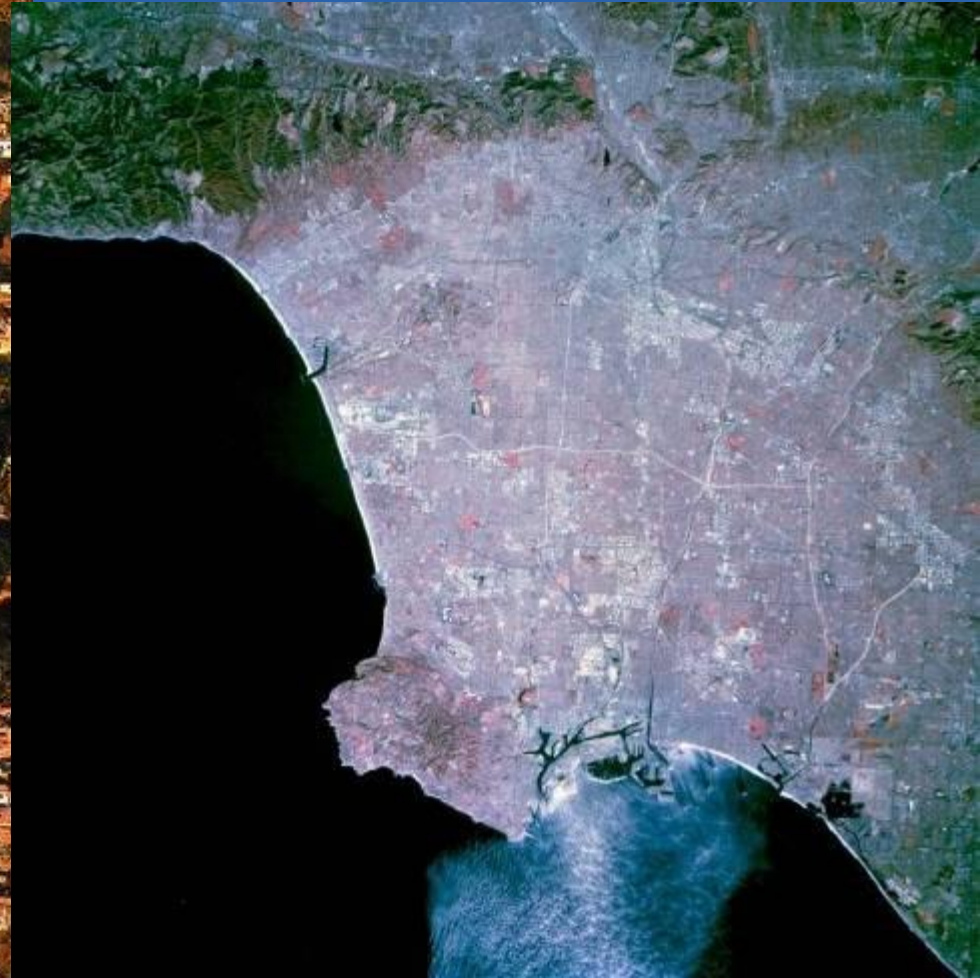
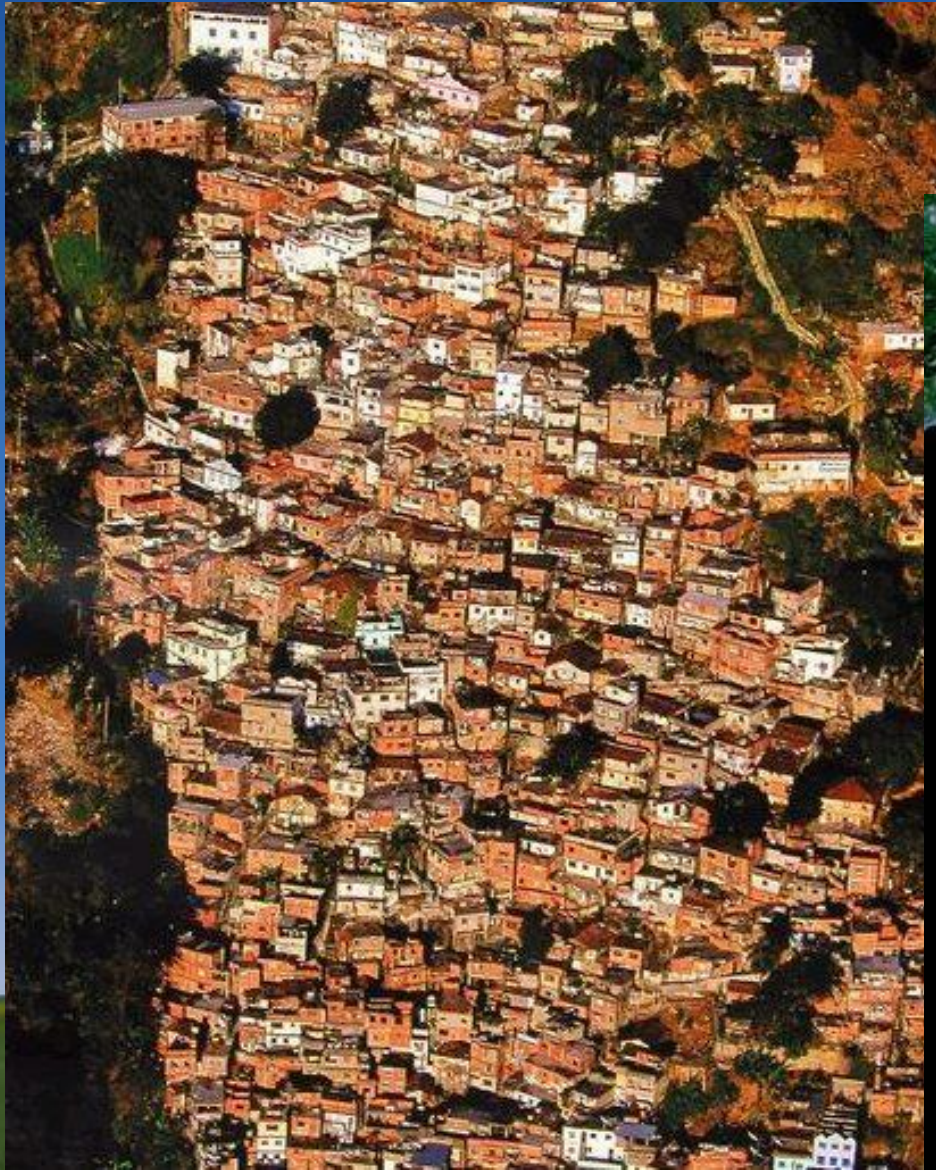


Population and Resource Consumption



Overpopulation

- When consumption of natural resources by people outstrip the ability of a natural region to replace those natural resources.



KELAPARAN DI NIGERIA



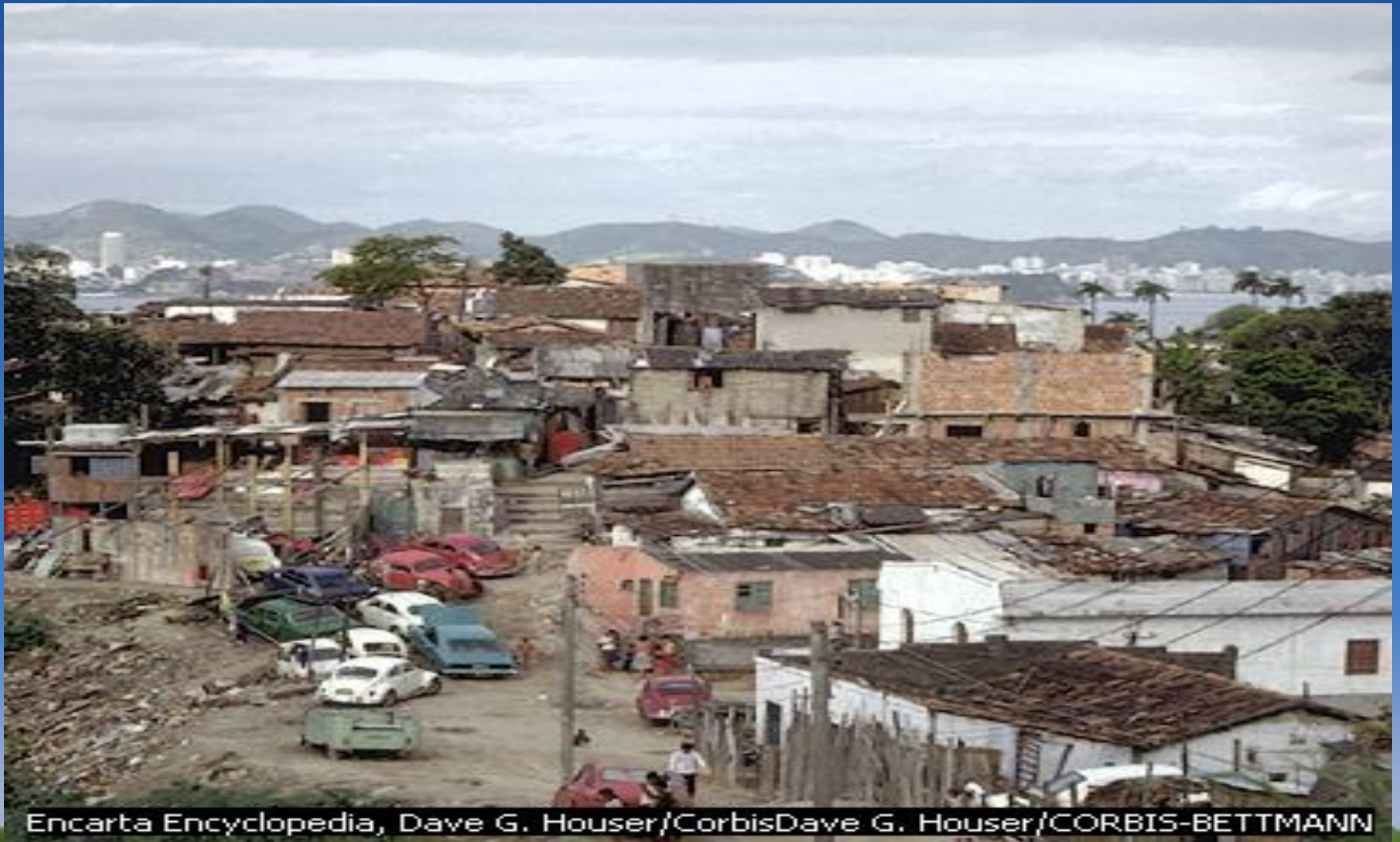
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PROBLEM PEMBANGUNAN (INDUSTRIALISASI)

RURAL DEPOPULATION

URBANISATION



IMPLIKASI PENDUDUK BESAR DAN TUMBUH PESAT

- Pangan
- Sandang
- Papan

- **ENERGI**

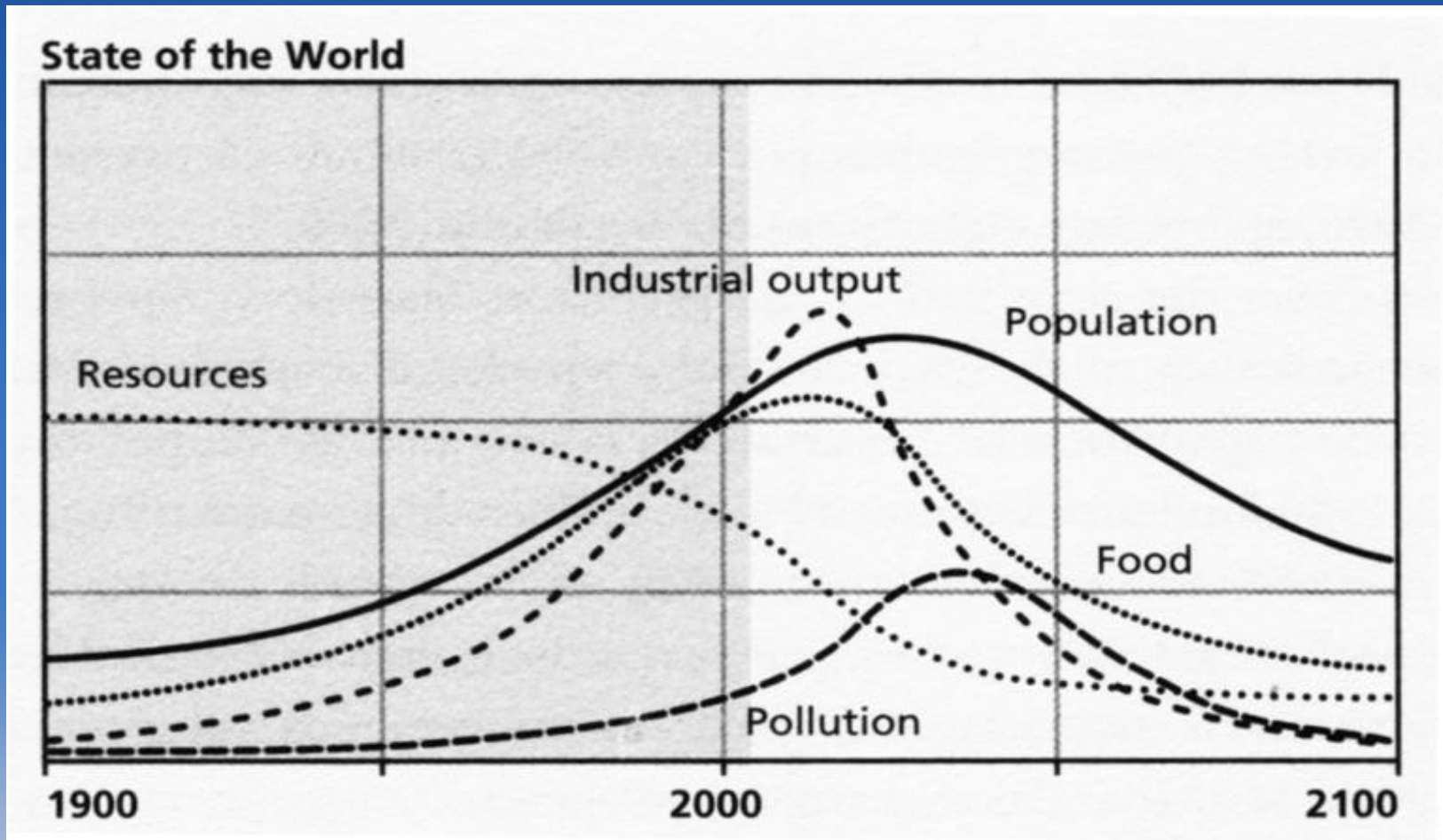
RELATIF

Standar

MULTIDIMENSI

Pedang bermata dua

LIMITS TO GROWTH



KELUARGA MANAKAH JG. ANDA PILIH?



TUDJUAN KELUARGA BERENTJANA
ADALAH KELUARGA SEDJAHTERA DAN BAHAGIA

PERIKHSAAN U.S.M. 1 PERIKHSAAN U.S.M. 1