

Kentucky Class Notes

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BIO 102 Burke
Spring 2010
Test 1

State of the Planet

January 14th, 2010

Good News

- There have been many environmental successes (especially in developing countries)
- We continue to learn more about how the planet functions

Bad News

- Continued depletion and disruption of Earth's resources and services
- Potential major issues exist (e.g. climate change, loss of biodiversity)
- Increasing existence of haves and have nots.

FIGURE 1-5 pg. 11 in textbook

He asks "What can you conclude from this graph?"

Class answers:

-Developing countries are growing faster than developed countries

-Developed countries are about 1/5 of the population but use the most resources and pollute/create waste the most

Other population facts:

-human population is 6.8 billion and growing

-human population growth has slowed, but at 1.19% we still add 81 million people per year (11,500 added during this class)

FIGURE 1-13 pg. 18 in textbook

What we infer from this figure:

-The lack of necessities is a major problem

-There are 7 million premature deaths per year. These are due to lack of food, water, medical attention, and other necessities. Two thirds of these deaths are children 5 and under.