

Chapter

13

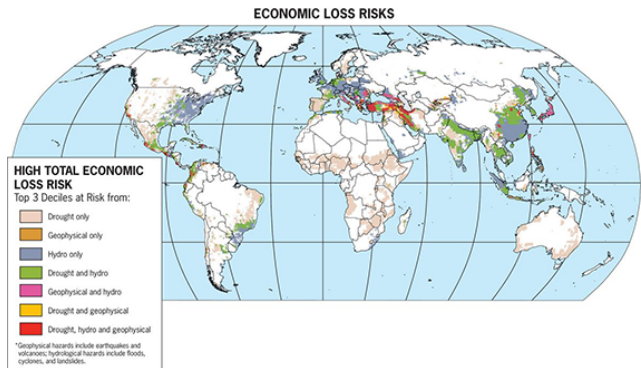
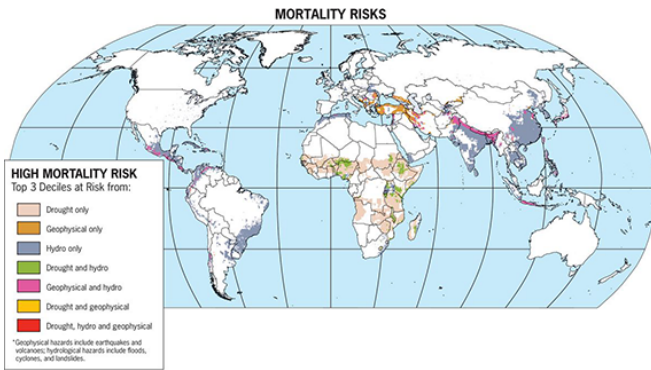
Major Factors of Environmental Change and the International Response

Environmental Development 2

Note: all of the following information in addition to your reading is important.

What Are Major Factors Contributing to Environmental Change?

- Define: political ecology, and one example in which this approach helps decipher accurate findings - _____
- Discuss how environmental change affects people in varied regions differently (in terms of human and economic loss) - _____



- Compare the resource consumption of hunter-gatherers with the average city-dweller today - _____
- Compare the resource consumption of a person born in an MDC (e.g., U.S.A.) to that of a person born in an LDC (e.g., Bangladesh) - _____
- Discuss the scale of environmental influence of the populations in MDCs as compared with the populations in LDCs - _____
- Discuss ONE impact of the rising affluence of populations in NICs (e.g., semi-periphery) - _____
- Describe China's growth as a major consumer of resources - _____

Estimated Liters of Water Required to Produce 1 Kilogram of Food.	
ESTIMATED LITERS OF WATER REQUIRED TO PRODUCE 1 KILOGRAM OF FOOD	
Food	Liters
Chocolate	17,196
Beef	15,415
Chicken meat	4,325
Rice	2,497
Bread	1,608
Potatoes	287

What Are Major Factors Contributing to Environmental Change? (cont'd)

- Identify several ways in which industrial technology has impacted the environment - _____
- Discuss the levels of pollutants in specific regions of China, as compared to what the World Health Organization (WHO) considers safe - _____
- Describe the affect transport technology has on the ability for humans to impact the environment, give at least ONE example – _____
- Discuss the ways that energy consumption is tied to the consumption and use of goods - _____
- Identify several nonrenewable energy resources, and discuss their potential long-term use – _____
- Briefly describe the process of fracking, and identify TWO potential costs of this process in extracting natural gas – _____
- Discuss the impact of oil production on the people of ONE country – _____
- Explain the importance of desalinization in creating potable water in arid regions, especially in the Middle East – _____
- Identify several renewable energy options, and discuss their potential long-term use – _____
- Define: rare earth element, and identify at least TWO environmental consequences of mining and /or processing them – _____
- Explain China’s rise as the world’s leading producer of rare earth elements, and identify ONE political issue this raises – _____

