

Chapter

13

Major Factors of Environmental Change and the International Response

Environmental Development 2

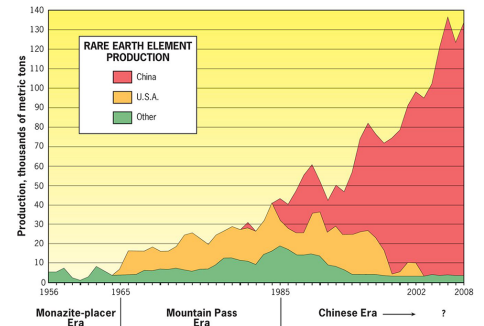
Note: all of the following information in addition to your reading is important.

	<p><b>Factors of Environmental Change</b></p> <ul style="list-style-type: none"> <li>Define: political ecology, and give one example in which this approach helps decipher accurate findings – _____</li> <li>Discuss how environmental change affects people in varied regions differently (in terms of human and economic loss) - _____</li> <li>Compare the resource consumption and scale of environmental influence of a person born in an MDC (e.g., U.S.A.) to that of a person born in an LDC (e.g., Bangladesh) - _____</li> <li>Discuss ONE impact of the rising affluence of populations in NICs (e.g., semi-peripheral states such as China) - _____</li> <li>Identify THREE ways in which industrial technology has impacted the environment - _____</li> <li>Describe the affect transport technology has on the ability for humans to impact the environment, give ONE example – _____</li> <li>Discuss how energy consumption is tied to the consumption and use of goods - _____</li> <li>Briefly describe the process of fracking, and identify TWO potential costs of this process in extracting natural gas – _____</li> <li>Discuss the impact of oil production in Kuwait, and the importance of desalinization in creating potable water – _____</li> <li>Identify several renewable energy options, and discuss their potential long-term use – _____</li> </ul>
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**Factors of Environmental Change (cont'd)**

- Define: rare earth element, and identify 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 – \_\_\_\_\_



**Environmental Protection Policies**

- Discuss TWO obstacles in confronting environmental problems – \_\_\_\_\_

- Identify the types of projects the Global Environment Facility (GEF) funds – \_\_\_\_\_

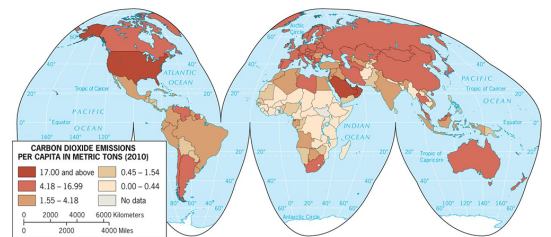
- Describe TWO goals concerning biodiversity beginning in the 1990s, established by the UN Environment Program under the UN Conference on Environment and Development (UNCED) - \_\_\_\_\_

- Discuss ONE struggle in implementing approaches for maintaining biodiversity - \_\_\_\_\_

- Define: ozone layer, and state why it is important – \_\_\_\_\_

- Describe the impact of the Montreal Protocol (1987) - \_\_\_\_\_

- Discuss the tenets, and limitations of the Kyoto Protocol (1997) - \_\_\_\_\_



- Discuss the tenets, and limitations of the Copenhagen Agreement (2009) - \_\_\_\_\_

- Discuss TWO challenges concerning water management and conservation – \_\_\_\_\_