

Chapter

13

The Humanized Environment

Environmental Development 1

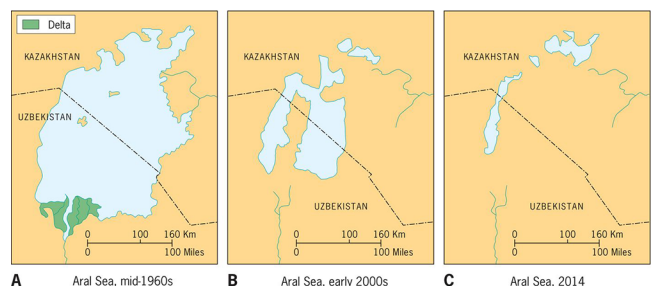
Note: all of the following information in addition to your reading is important.

How Has Earth's Environment Changed Over Time?

- Describe what impact chlorofluorocarbons (CFCs) had on the environment – _____
- Define: anthropocene epoch – _____
- Describe Pangaea (in the context of tectonic plates) - _____
- Define: Pacific Ring of Fire - _____
- Describe glaciations and interglaciations (and identify the Holocene epoch) – _____
- Discuss TWO impacts of the Little Ice Age - _____
- Define: greenhouse effect - _____

How Have Humans Altered Earth's Environment?

- Define: environmental stress, and discuss ONE example in which this is caused by humans - _____
- Define: renewable and nonrenewable resources - _____
- Define: aquifer, and discuss ONE impact humans can have on them - _____
- Describe the impact human activity has had on the Aral Sea - _____



A Aral Sea, mid-1960s B Aral Sea, early 2000s C Aral Sea, 2014

How Have Humans Altered Earth's Environment? (cont'd)

• Define: hydrologic cycle - _____

• Discuss the issue of water security from the geopolitical perspective of Israel – _____



• Define: atmosphere - _____

• Define: greenhouse gas, and give several examples - _____

• Define: climate change - _____

• Define: acid rain, and discuss ONE impact it has on the environment - _____

• Define: deforestation, and discuss its potential impact on the oxygen cycle – _____

• Define: soil erosion, and discuss ONE impact it has on the environment - _____

• Define: solid waste, and describe the difference between disposal in sanitary landfills (in MDCs) as opposed to most landfills in LDCs – _____

• Contrast the disposal of toxic waste, as compared with radioactive waste – _____

• Define: biodiversity, and discuss ONE impact humans have had on biodiversity – _____