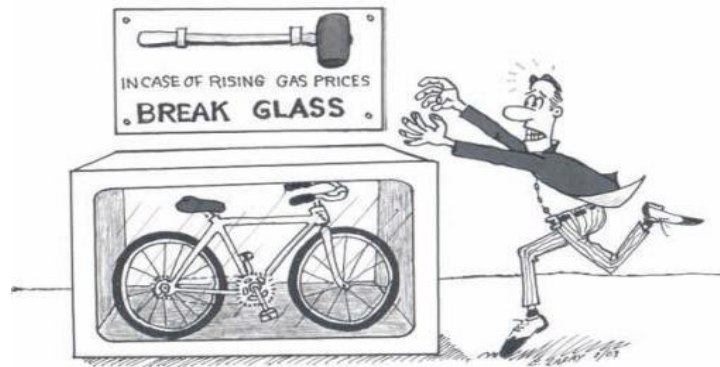


APESreview Ch 22: Sustainable Cities



Top 15 Terms for This Exam

Mass Transit
Urban Sprawl
Conservation Easement
Sustainable City
Smart Growth
Light Rail
Las Vegas, Nevada
Mexico City, Mexico

Urbanization
Megacity
Urban Heat Island
Urban Land-Use Planning
Ecological Footprint
Immigration Factors
Curitiba, Brazil

The Gimme Question for This Exam

Urban sprawl typically occurs _____ a city or town.

- a. far away from
- b. along the edges of
- c. in the center of
- d. near the government offices of

Video Review Links

[The Story of Stuff](#)

[Curitiba, Brazil](#)

College Board Objectives & Essential Knowledge

EIN-2.M. Describe the effects of urbanization on the environment.

EIN-2.M.1. Urbanization can lead to depletion of resources and saltwater intrusion in the hydrologic cycle.

EIN-2.M.2. Urbanization, through the burning of fossil fuels and landfills, affects the carbon cycle by increasing the amount of carbon dioxide in the atmosphere.

EIN-2.M.3. Impervious surfaces are human-made structures—such as roads, buildings, sidewalks, and parking lots—that do not allow water to reach the soil, leading to flooding.

EIN-2.M.4. Urban sprawl is the change in population distribution from high population density areas to low density suburbs that spread into rural lands, leading to potential environmental problems.

STB-1.B. Describe methods for mitigating problems related to urban runoff.

STB-1.B.1. Methods to increase water infiltration include replacing traditional pavement with permeable pavement, planting trees, increased use of public transportation, and building up, not out.

STB-2.J. Describe human activities that result in noise pollution and its effects.

STB-2.J.1. Noise pollution is sound at levels high enough to cause physiological stress and hearing loss.

STB-2.J.2. Sources of noise pollution in urban areas include transportation, construction, and domestic and industrial activity.

STB-2.J.3. Some effects of noise pollution on animals in ecological systems include stress, the masking of sounds used to communicate or hunt, damaged hearing, and causing changes to migratory routes.

(ENG=Energy Transfer, ERT=Interactions Between Earth Systems, EIN=Interactions Between Species and the Environment, STB=Sustainability)