

Living With Tectonic Hazards

1 Figure 1 shows Yokohama, a city in Japan. Yokohama is close to Mount Fuji, an active volcano. The area is also prone to earthquakes.

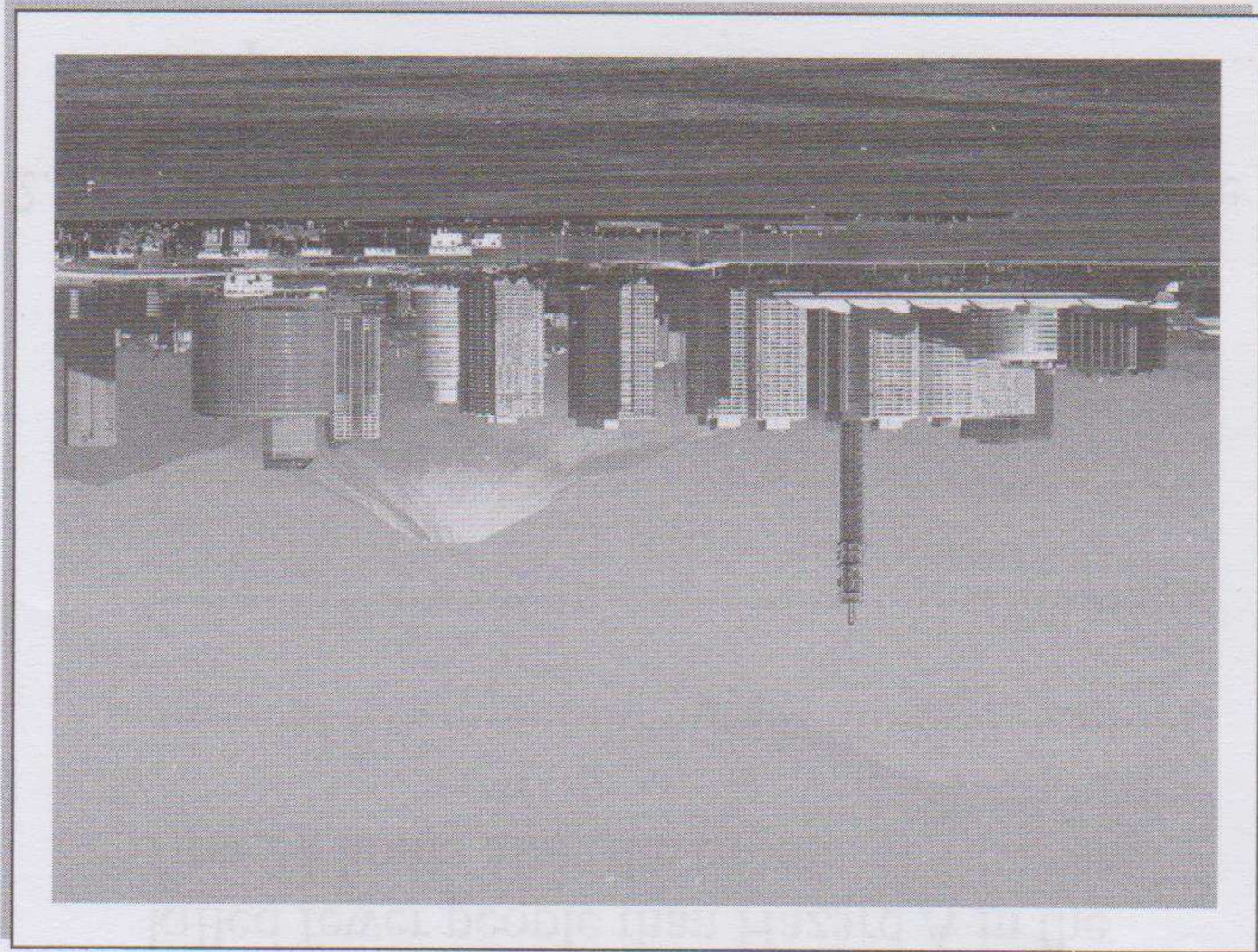


Figure 1

1.1 Use Figure 1 and your own knowledge to give two reasons why people might choose to live in Yokohama.

Reason 1:

Reason 2:

[2]

1.2 Explain how buildings and other structures shown in Figure 1 might have been designed to reduce the effects of earthquakes or volcanic eruptions in the area.

[4]

1.3 Explain how planning for tectonic hazards might help to reduce the effects of an earthquake or volcanic eruption in Yokohama.

[4]

1.4 Outline **one** other way in which the effects of tectonic hazards in Yokohama could be reduced.

[2]

[Total 12 marks]

