

SIO 15 LECTURE 06: EARTHQUAKE HAZARDS

Leftovers from Lecture 5

Announcements

Factors Controlling Damage from an Earthquake

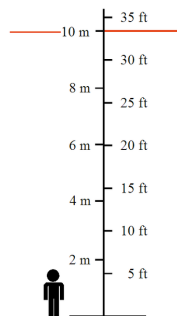
Examples

Tsunami (an EQ-related hazard) vs. Ocean Wind Waves and Tides

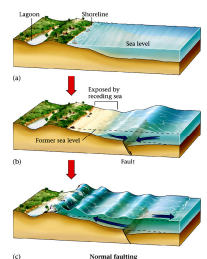
Examples



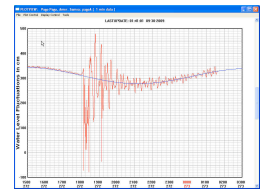
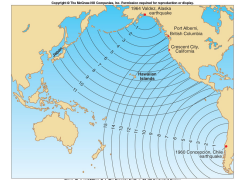
Ocean Waves



Tsunami



Tsunami Travel Times in the Pacific and Tsunami Preparedness



Earthquake Types see short video 6a

Liquefaction (a site-related hazard)

Examples



FIGURE 18.21

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The process of liquefaction

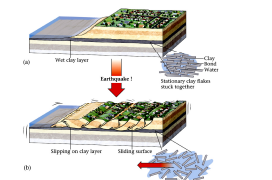
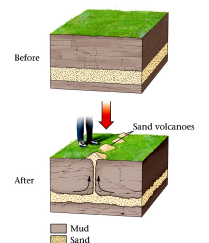


FIGURE 18.22

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mud volcanoes



Short video 6b (tsunami) not yet released; ignore

Earthquake Types see short video 6c

Earthquakes and other Disasters



(b)

FIGURE 18.23

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